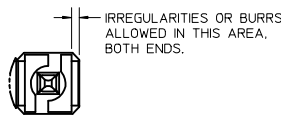
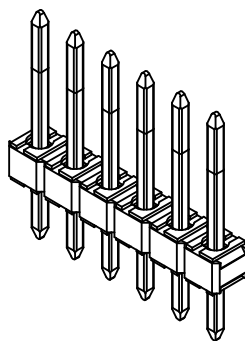
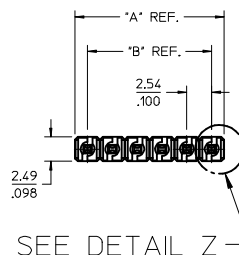


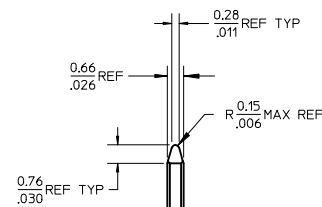
| NO.<br>CKTS | DIM. A | DIM. B |
|-------------|--------|--------|
| 2           | 5.08   | 2.54   |
| 3           | 7.62   | 5.08   |
| 4           | 10.16  | 7.62   |
| 5           | 12.70  | 10.16  |
| 6           | 15.24  | 12.70  |
| 7           | 17.78  | 15.24  |
| 8           | 20.32  | 17.78  |
| 9           | 22.86  | 20.32  |
| 10          | 25.40  | 22.86  |
| 11          | 27.94  | 25.40  |
| 12          | 30.48  | 27.94  |
| 13          | 33.02  | 30.48  |
| 14          | 35.56  | 33.02  |
| 15          | 38.10  | 35.56  |
| 16          | 40.64  | 38.10  |
| 17          | 43.18  | 40.64  |
| 18          | 45.72  | 43.18  |
| 19          | 48.26  | 45.72  |
| 20          | 50.80  | 48.26  |
| 21          | 53.34  | 50.80  |
| 22          | 55.88  | 53.34  |
| 23          | 58.42  | 55.88  |
| 24          | 60.96  | 58.42  |
| 25          | 63.50  | 60.96  |
| 26          | 66.04  | 63.50  |
| 27          | 68.58  | 66.04  |
| 28          | 71.12  | 68.58  |
| 29          | 73.66  | 71.12  |
| 30          | 76.20  | 73.66  |
| 31          | 78.74  | 76.20  |
| 32          | 81.28  | 78.74  |
| 33          | 83.82  | 81.28  |
| 34          | 86.36  | 83.82  |
| 35          | 88.90  | 86.36  |
| 36          | 91.44  | 88.90  |



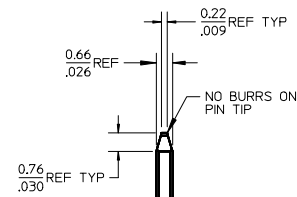
DETAIL Z  
SCALE 5:1



SEE DETAIL Z

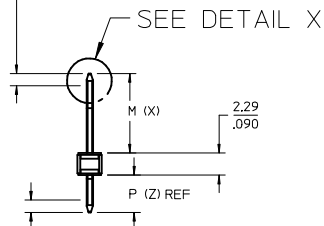


DETAIL Y  
SCALE 5:1  
SEE NOTE 10

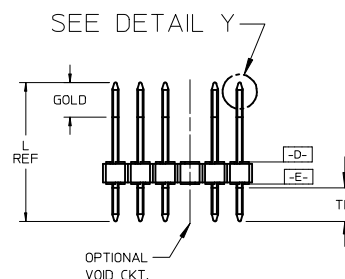


DETAIL X  
SCALE 5:1  
SEE NOTE 10

1.3 CENTERLINE OF PIN IN AREA SHOWN NOT TO VARY FROM  
.05 CENTERLINE OF PIN AT DATUM -D- BY MORE THAN  
(FOR DIM. X OF 12.70/500 OR LESS) 0.20/.008 IN ANY DIRECTION.  
(FOR DIM. X OF 12.73/501 OR MORE) 0.30/.012 IN ANY DIRECTION

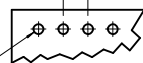


SEE DETAIL X



- NOTES:
- MATERIAL: GLASS FILLED NYLON  
UL, 94V-0, COLOR: BLACK
  - FINISH: (SEE LAST 3 DIGITS OF PIN NUMBER)  
(154) OVERALL TIN: 0.00254/.000100 MIN. OVER  
NICKEL: 0.00127/.000050 MIN.  
(118) OVERALL TIN: 0.00152/.000060 MIN. OVER  
NICKEL: 0.00127/.000050 MIN.  
(208) SELECT GOLD: 0.00038/.000015 MIN.  
SELECT TIN: 0.00254/.000100 MIN.  
WITH OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN.  
(228) SELECT GOLD: 0.00076/.000030 MIN.  
SELECT TIN: 0.00254/.000100 MIN.  
WITH OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN.
  - PRODUCT SPECIFICATION PS 10-07.
  - PACKAGING INFORMATION: SEE TABLES
  - SOLDERABILITY PER SMES-152.
  - KINK PIN OPTION NOT RECOMMENDED FOR 2 CIRCUIT PARTS.  
HOLE SIZE MAY NEED TO BE ADJUSTED FOR 2 CIRCUIT PARTS  
WITH KINK OPTION FOR PROPER INSERTION INTO THE PCB.  
SEE SMES-42003 FOR ADDITIONAL INFORMATION  
ON KINK PIN DIRECTION AND PLACEMENT.
  - HEADERS ARE NOT STACKABLE ON 2.54/.100 CENTERS.
  - PIN PUSH OUT FORCE: 3 LBS. MIN
  - THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC  
SPECIFICATION PS-45499-002.
  - PIN TIP DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.  
DIMENSIONS APPLY PRIOR TO PLATING OR ASSEMBLY.

2.54 ± 0.05 TYP.  
.100 ± .002 NON-ACCUM.



1.02 ± 0.05  
.040 ± 0.002 DIA.

HOLE TYP.  
SEE NOTE 6

TYP. HOLE PATTERN  
FOR 1.57/.062 THK. PCB

|      |      |
|------|------|
| 2-*  | T19  |
| 1    | T19  |
| SHT. | REV. |

|                |                     |             |            |             |            |             |            |
|----------------|---------------------|-------------|------------|-------------|------------|-------------|------------|
| ADD 42375-4445 | EC NO: UCP2014-3273 | DRWN:KIPPER | 2014/02/07 | CHKD:NGUYEN | 2014/02/07 | APPR:FSMITH | 2014/08/06 |
| T19            |                     |             |            |             |            |             |            |

| QUALITY SYMBOLS | DESCRIPTION |
|-----------------|-------------|
| ▽=0             |             |
| ▽=0             |             |
| ▽=0             |             |

| GENERAL TOLERANCES (UNLESS SPECIFIED)                                     | mm     | INCH   |
|---------------------------------------------------------------------------|--------|--------|
| 4 PLACES                                                                  | ± ---  | ± ---  |
| 3 PLACES                                                                  | ± ---  | ± .010 |
| 2 PLACES                                                                  | ± 0.25 | ± .015 |
| 1 PLACE                                                                   | ± 0.38 | ± ---  |
| 0 PLACE                                                                   | ±      | ±      |
| ANGULAR ± 1/2°<br>DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS |        |        |

| DIMENSION STYLE | SCALE        | DESIGN UNITS                                     | THIRD ANGLE PROJECTION |
|-----------------|--------------|--------------------------------------------------|------------------------|
| MM/IN           | 2:1          | INCH                                             |                        |
| DRAWN BY        | DATE         | TITLE                                            |                        |
| SCHAFFER        | 11/3/03      | KK 100 HEADER ASSY<br>FLAT VERTICAL<br>BREAKAWAY |                        |
| CHECKED BY      | DATE         |                                                  |                        |
| SAMIEC          | 2004/02/27   |                                                  |                        |
| APPROVED BY     | DATE         |                                                  |                        |
| MARGULIS        | 2004/02/27   |                                                  |                        |
| MATERIAL NO.    | DOCUMENT NO. | SHEET NO.                                        |                        |
| SEE CHART       | SD-42375-001 | 1 OF *                                           |                        |

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX  
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

ENG. NO: A-42375-0002/0036

|                   |                    |
|-------------------|--------------------|
| HEADER NUMBER:    | 42312-0036         |
| PIN NUMBER:       | 42663-ABA154       |
| PIN LENGTH: L     | .455 / 11.56       |
| MATING LENGTH: M  | .240 / 6.09        |
| GOLD POINT: G     | N/A                |
| PC TAIL LENGTH: P | .125 / 3.18        |
| TIN: T            | OVERALL            |
| CKTS:             | 2-36               |
| KINKS:            | NO                 |
| VOIDED CKTS:      | NONE               |
| PACKAGING:        | BULK PK-40873-0041 |

| CKTS | MATERIAL<br>NUMBER | ENG<br>NUMBER | CKTS | MATERIAL<br>NUMBER | ENG<br>NUMBER |
|------|--------------------|---------------|------|--------------------|---------------|
| 02   | 22-28-4020         | A-42375-0002  | 20   | 22-28-4200         | A-42375-0020  |
| 03   | 22-28-4030         | A-42375-0003  | 21   | 22-28-4210         | A-42375-0021  |
| 04   | 22-28-4040         | A-42375-0004  | 22   | 22-28-4220         | A-42375-0022  |
| 05   | 22-28-4050         | A-42375-0005  | 23   | 22-28-4230         | A-42375-0023  |
| 06   | 22-28-4060         | A-42375-0006  | 24   | 22-28-4240         | A-42375-0024  |
| 07   | 22-28-4070         | A-42375-0007  | 25   | 22-28-4250         | A-42375-0025  |
| 08   | 22-28-4080         | A-42375-0008  | 26   | 22-28-4260         | A-42375-0026  |
| 09   | 22-28-4090         | A-42375-0009  | 27   | 22-28-4270         | A-42375-0027  |
| 10   | 22-28-4100         | A-42375-0010  | 28   | 22-28-4280         | A-42375-0028  |
| 11   | 22-28-4110         | A-42375-0011  | 29   | 22-28-4290         | A-42375-0029  |
| 12   | 22-28-4120         | A-42375-0012  | 30   | 22-28-4300         | A-42375-0030  |
| 13   | 22-28-4130         | A-42375-0013  | 31   | 22-28-4310         | A-42375-0031  |
| 14   | 22-28-4140         | A-42375-0014  | 32   | 22-28-4320         | A-42375-0032  |
| 15   | 22-28-4150         | A-42375-0015  | 33   | 22-28-4330         | A-42375-0033  |
| 16   | 22-28-4160         | A-42375-0016  | 34   | 22-28-4340         | A-42375-0034  |
| 17   | 22-28-4170         | A-42375-0017  | 35   | 22-28-4350         | A-42375-0035  |
| 18   | 22-28-4180         | A-42375-0018  | 36   | 22-28-4360         | A-42375-0036  |
| 19   | 22-28-4190         | A-42375-0019  |      |                    |               |

ENG. NO: A-42375-0037/0071

|                   |                    |
|-------------------|--------------------|
| HEADER NUMBER:    | 42312-0036         |
| PIN NUMBER:       | 42663-ABB208       |
| PIN LENGTH: L     | .455 / 11.56       |
| MATING LENGTH: M  | .240 / 6.09        |
| GOLD POINT: G     | .100 / 2.54        |
| PC TAIL LENGTH: P | .125 / 3.18        |
| TIN: T            | .100 / 2.54        |
| CKTS:             | 2-36               |
| KINKS:            | NO                 |
| VOIDED CKTS:      | NONE               |
| PACKAGING:        | BULK PK-40873-0041 |

| CKTS | MATERIAL<br>NUMBER | ENG<br>NUMBER | CKTS | MATERIAL<br>NUMBER | ENG<br>NUMBER |
|------|--------------------|---------------|------|--------------------|---------------|
| 02   | 22-28-4023         | A-42375-0037  | 20   | 22-28-4203         | A-42375-0055  |
| 03   | 22-28-4033         | A-42375-0038  | 21   | 22-28-4213         | A-42375-0056  |
| 04   | 22-28-4043         | A-42375-0039  | 22   | 22-28-4223         | A-42375-0057  |
| 05   | 22-28-4053         | A-42375-0040  | 23   | 22-28-4233         | A-42375-0058  |
| 06   | 22-28-4063         | A-42375-0041  | 24   | 22-28-4243         | A-42375-0059  |
| 07   | 22-28-4073         | A-42375-0042  | 25   | 22-28-4253         | A-42375-0060  |
| 08   | 22-28-4083         | A-42375-0043  | 26   | 22-28-4263         | A-42375-0061  |
| 09   | 22-28-4093         | A-42375-0044  | 27   | 22-28-4273         | A-42375-0062  |
| 10   | 22-28-4103         | A-42375-0045  | 28   | 22-28-4283         | A-42375-0063  |
| 11   | 22-28-4113         | A-42375-0046  | 29   | 22-28-4293         | A-42375-0064  |
| 12   | 22-28-4123         | A-42375-0047  | 30   | 22-28-4303         | A-42375-0065  |
| 13   | 22-28-4133         | A-42375-0048  | 31   | 22-28-4313         | A-42375-0066  |
| 14   | 22-28-4143         | A-42375-0049  | 32   | 22-28-4323         | A-42375-0067  |
| 15   | 22-28-4153         | A-42375-0050  | 33   | 22-28-4233         | A-42375-0068  |
| 16   | 22-28-4163         | A-42375-0051  | 34   | 22-28-4343         | A-42375-0069  |
| 17   | 22-28-4173         | A-42375-0052  | 35   | 22-28-4353         | A-42375-0070  |
| 18   | 22-28-4183         | A-42375-0053  | 36   | 22-28-4363         | A-42375-0071  |
| 19   | 22-28-4193         | A-42375-0054  |      |                    |               |

|                         |                              |                                                           |                     |
|-------------------------|------------------------------|-----------------------------------------------------------|---------------------|
| REV:                    | <u>ECR/ECN INFORMATION:</u>  | <u>TITLE:</u>                                             | <u>SHEET No.</u>    |
| <b>T19</b>              | EC No.: <b>UCP2014-3273</b>  | <b>KK 100 HEADER ASSY<br/>FLAT VERTICAL<br/>BREAKAWAY</b> | <b>- 2 -</b>        |
|                         | DATE: <b>8/7/2014</b>        |                                                           |                     |
| <u>DOCUMENT NUMBER:</u> | <u>CREATED / REVISED BY:</u> | <u>CHECKED BY:</u>                                        | <u>APPROVED BY:</u> |
| <b>SD- 42375-001</b>    | <b>MKIPPER</b>               | <b>NNGUYEN</b>                                            | <b>FSMITH</b>       |

ENG. NO: A-42375-0072/0106

| HEADER NUMBER:    |                 | 42312-0036         |      |                 |              |
|-------------------|-----------------|--------------------|------|-----------------|--------------|
| PIN NUMBER:       |                 | 42663-ABB228       |      |                 |              |
| PIN LENGTH: L     |                 | .455 / 11.56       |      |                 |              |
| MATING LENGTH: M  |                 | .240 / 6.09        |      |                 |              |
| GOLD POINT: G     |                 | .100 / 2.54        |      |                 |              |
| PC TAIL LENGTH: P |                 | .125 / 3.18        |      |                 |              |
| TIN: T            |                 | .100 / 2.54        |      |                 |              |
| CKTS:             |                 | 2-36               |      |                 |              |
| KINKS:            |                 | NO                 |      |                 |              |
| VOIDED CKTS:      |                 | NONE               |      |                 |              |
| PACKAGING:        |                 | BULK PK-40873-0041 |      |                 |              |
| CKTS              | MATERIAL NUMBER | ENG NUMBER         | CKTS | MATERIAL NUMBER | ENG NUMBER   |
| 02                | 22-28-4026      | A-42375-0072       | 20   | 22-28-4206      | A-42375-0090 |
| 03                | 22-28-4036      | A-42375-0073       | 21   | 22-28-4216      | A-42375-0091 |
| 04                | 22-28-4046      | A-42375-0074       | 22   | 22-28-4226      | A-42375-0092 |
| 05                | 22-28-4056      | A-42375-0075       | 23   | 22-28-4236      | A-42375-0093 |
| 06                | 22-28-4066      | A-42375-0076       | 24   | 22-28-4246      | A-42375-0094 |
| 07                | 22-28-4076      | A-42375-0077       | 25   | 22-28-4256      | A-42375-0095 |
| 08                | 22-28-4086      | A-42375-0078       | 26   | 22-28-4266      | A-42375-0096 |
| 09                | 22-28-4096      | A-42375-0079       | 27   | 22-28-4276      | A-42375-0097 |
| 10                | 22-28-4106      | A-42375-0080       | 28   | 22-28-4286      | A-42375-0098 |
| 11                | 22-28-4116      | A-42375-0081       | 29   | 22-28-4296      | A-42375-0099 |
| 12                | 22-28-4126      | A-42375-0082       | 30   | 22-28-4306      | A-42375-0100 |
| 13                | 22-28-4136      | A-42375-0083       | 31   | 22-28-4316      | A-42375-0101 |
| 14                | 22-28-4146      | A-42375-0084       | 32   | 22-28-4326      | A-42375-0102 |
| 15                | 22-28-4156      | A-42375-0085       | 33   | 22-28-4336      | A-42375-0103 |
| 16                | 22-28-4166      | A-42375-0086       | 34   | 22-28-4346      | A-42375-0104 |
| 17                | 22-28-4176      | A-42375-0087       | 35   | 22-28-4356      | A-42375-0105 |
| 18                | 22-28-4186      | A-42375-0088       | 36   | 22-28-4366      | A-42375-0106 |
| 19                | 22-28-4196      | A-42375-0089       |      |                 |              |

ENG. NO: A-42375-0107/0141

| HEADER NUMBER:    |                 | 42312-0036         |      |                 |              |
|-------------------|-----------------|--------------------|------|-----------------|--------------|
| PIN NUMBER:       |                 | 42663-ATA154       |      |                 |              |
| PIN LENGTH: L     |                 | .530 / 13.46       |      |                 |              |
| MATING LENGTH: M  |                 | .320 / 8.13        |      |                 |              |
| GOLD POINT: G     |                 | N/A                |      |                 |              |
| PC TAIL LENGTH: P |                 | .120 / 3.05        |      |                 |              |
| TIN: T            |                 | OVERALL            |      |                 |              |
| CKTS:             |                 | 2-36               |      |                 |              |
| KINKS:            |                 | NO                 |      |                 |              |
| VOIDED CKTS:      |                 | NONE               |      |                 |              |
| PACKAGING:        |                 | BULK PK-40873-0041 |      |                 |              |
| CKTS              | MATERIAL NUMBER | ENG NUMBER         | CKTS | MATERIAL NUMBER | ENG NUMBER   |
| 02                | 22-28-4021      | A-42375-0107       | 20   | 22-28-4201      | A-42375-0125 |
| 03                | 22-28-4031      | A-42375-0108       | 21   | 22-28-4211      | A-42375-0126 |
| 04                | 22-28-4041      | A-42375-0109       | 22   | 22-28-4221      | A-42375-0127 |
| 05                | 22-28-4051      | A-42375-0110       | 23   | 22-28-4231      | A-42375-0128 |
| 06                | 22-28-4061      | A-42375-0111       | 24   | 22-28-4241      | A-42375-0129 |
| 07                | 22-28-4071      | A-42375-0112       | 25   | 22-28-4251      | A-42375-0130 |
| 08                | 22-28-4081      | A-42375-0113       | 26   | 22-28-4261      | A-42375-0131 |
| 09                | 22-28-4091      | A-42375-0114       | 27   | 22-28-4271      | A-42375-0132 |
| 10                | 22-28-4101      | A-42375-0115       | 28   | 22-28-4281      | A-42375-0133 |
| 11                | 22-28-4111      | A-42375-0116       | 29   | 22-28-4291      | A-42375-0134 |
| 12                | 22-28-4121      | A-42375-0117       | 30   | 22-28-4301      | A-42375-0135 |
| 13                | 22-28-4131      | A-42375-0118       | 31   | 22-28-4311      | A-42375-0136 |
| 14                | 22-28-4141      | A-42375-0119       | 32   | 22-28-4321      | A-42375-0137 |
| 15                | 22-28-4151      | A-42375-0120       | 33   | 22-28-4331      | A-42375-0138 |
| 16                | 22-28-4161      | A-42375-0121       | 34   | 22-28-4341      | A-42375-0139 |
| 17                | 22-28-4171      | A-42375-0122       | 35   | 22-28-4351      | A-42375-0140 |
| 18                | 22-28-4181      | A-42375-0123       | 36   | 22-28-4361      | A-42375-0141 |
| 19                | 22-28-4191      | A-42375-0124       |      |                 |              |

REV:

**T19**ECR/ECN INFORMATION:EC No.: UCP2014-3273DATE: 8/7/2014TITLE:

**KK 100 HEADER ASSY  
FLAT VERTICAL  
BREAKAWAY**

SHEET No.**- 3 -**DOCUMENT NUMBER:**SD- 42375-001**CREATED / REVISED BY:**MKIPPER**CHECKED BY:**NNGUYEN**APPROVED BY:**FSMITH**

ENG. NO: A-42375-0142/0176

|                   |                    |               |                    |                    |               |
|-------------------|--------------------|---------------|--------------------|--------------------|---------------|
| HEADER NUMBER:    |                    |               | 42312-0036         |                    |               |
| PIN NUMBER:       |                    |               | 42663-ATB208       |                    |               |
| PIN LENGTH: L     |                    |               | .530 / 13.46       |                    |               |
| MATING LENGTH: M  |                    |               | .320 / 8.13        |                    |               |
| GOLD POINT: G     |                    |               | .140 / 3.56        |                    |               |
| PC TAIL LENGTH: P |                    |               | .120 / 3.05        |                    |               |
| TIN: T            |                    |               | .135 / 3.43        |                    |               |
| CKTS:             |                    |               | 2-36               |                    |               |
| KINKS:            |                    |               | NO                 |                    |               |
| VOIDED CKTS:      |                    |               | NONE               |                    |               |
| PACKAGING:        |                    |               | BULK PK-40873-0041 |                    |               |
| CKTS              | MATERIAL<br>NUMBER | ENG<br>NUMBER | CKTS               | MATERIAL<br>NUMBER | ENG<br>NUMBER |
| 02                | 22-28-4024         | A-42375-0142  | 20                 | 22-28-4204         | A-42375-0160  |
| 03                | 22-28-4034         | A-42375-0143  | 21                 | 22-28-4214         | A-42375-0161  |
| 04                | 22-28-4044         | A-42375-0144  | 22                 | 22-28-4224         | A-42375-0162  |
| 05                | 22-28-4054         | A-42375-0145  | 23                 | 22-28-4234         | A-42375-0163  |
| 06                | 22-28-4064         | A-42375-0146  | 24                 | 22-28-4244         | A-42375-0164  |
| 07                | 22-28-4074         | A-42375-0147  | 25                 | 22-28-4254         | A-42375-0165  |
| 08                | 22-28-4084         | A-42375-0148  | 26                 | 22-28-4264         | A-42375-0166  |
| 09                | 22-28-4094         | A-42375-0149  | 27                 | 22-28-4274         | A-42375-0167  |
| 10                | 22-28-4104         | A-42375-0150  | 28                 | 22-28-4284         | A-42375-0168  |
| 11                | 22-28-4114         | A-42375-0151  | 29                 | 22-28-4294         | A-42375-0169  |
| 12                | 22-28-4124         | A-42375-0152  | 30                 | 22-28-4304         | A-42375-0170  |
| 13                | 22-28-4134         | A-42375-0153  | 31                 | 22-28-4314         | A-42375-0171  |
| 14                | 22-28-4144         | A-42375-0154  | 32                 | 22-28-4324         | A-42375-0172  |
| 15                | 22-28-4154         | A-42375-0155  | 33                 | 22-28-4334         | A-42375-0173  |
| 16                | 22-28-4164         | A-42375-0156  | 34                 | 22-28-4344         | A-42375-0174  |
| 17                | 22-28-4174         | A-42375-0157  | 35                 | 22-28-4354         | A-42375-0175  |
| 18                | 22-28-4184         | A-42375-0158  | 36                 | 22-28-4364         | A-42375-0176  |
| 19                | 22-28-4194         | A-42375-0159  |                    |                    |               |

ENG. NO: A-42375-0177/0211

|                   |                    |               |                    |                    |               |
|-------------------|--------------------|---------------|--------------------|--------------------|---------------|
| HEADER NUMBER:    |                    |               | 42312-0036         |                    |               |
| PIN NUMBER:       |                    |               | 42663-ATB228       |                    |               |
| PIN LENGTH: L     |                    |               | .530 / 13.46       |                    |               |
| MATING LENGTH: M  |                    |               | .320 / 8.13        |                    |               |
| GOLD POINT: G     |                    |               | .140 / 3.56        |                    |               |
| PC TAIL LENGTH: P |                    |               | .120 / 3.05        |                    |               |
| TIN: T            |                    |               | .135 / 3.43        |                    |               |
| CKTS:             |                    |               | 2-36               |                    |               |
| KINKS:            |                    |               | NO                 |                    |               |
| VOIDED CKTS:      |                    |               | NONE               |                    |               |
| PACKAGING:        |                    |               | BULK PK-40873-0041 |                    |               |
| CKTS              | MATERIAL<br>NUMBER | ENG<br>NUMBER | CKTS               | MATERIAL<br>NUMBER | ENG<br>NUMBER |
| 02                | 22-28-4027         | A-42375-0177  | 20                 | 22-28-4207         | A-42375-0195  |
| 03                | 22-28-4037         | A-42375-0178  | 21                 | 22-28-4217         | A-42375-0196  |
| 04                | 22-28-4047         | A-42375-0179  | 22                 | 22-28-4227         | A-42375-0197  |
| 05                | 22-28-4057         | A-42375-0180  | 23                 | 22-28-4237         | A-42375-0198  |
| 06                | 22-28-4067         | A-42375-0181  | 24                 | 22-28-4247         | A-42375-0199  |
| 07                | 22-28-4077         | A-42375-0182  | 25                 | 22-28-4257         | A-42375-0200  |
| 08                | 22-28-4087         | A-42375-0183  | 26                 | 22-28-4267         | A-42375-0201  |
| 09                | 22-28-4097         | A-42375-0184  | 27                 | 22-28-4277         | A-42375-0202  |
| 10                | 22-28-4107         | A-42375-0185  | 28                 | 22-28-4287         | A-42375-0203  |
| 11                | 22-28-4117         | A-42375-0186  | 29                 | 22-28-4297         | A-42375-0204  |
| 12                | 22-28-4127         | A-42375-0187  | 30                 | 22-28-4307         | A-42375-0205  |
| 13                | 22-28-4137         | A-42375-0188  | 31                 | 22-28-4317         | A-42375-0206  |
| 14                | 22-28-4147         | A-42375-0189  | 32                 | 22-28-4327         | A-42375-0207  |
| 15                | 22-28-4157         | A-42375-0190  | 33                 | 22-28-4337         | A-42375-0208  |
| 16                | 22-28-4167         | A-42375-0191  | 34                 | 22-28-4347         | A-42375-0209  |
| 17                | 22-28-4177         | A-42375-0192  | 35                 | 22-28-4357         | A-42375-0210  |
| 18                | 22-28-4187         | A-42375-0193  | 36                 | 22-28-4367         | A-42375-0211  |
| 19                | 22-28-4197         | A-42375-0194  |                    |                    |               |

REV:

**T19**ECR/ECN INFORMATION:EC No.: **UCP2014-3273**DATE: **8/7/2014**TITLE:**KK 100 HEADER ASSY  
FLAT VERTICAL  
BREAKAWAY**SHEET No.**- 4 -**DOCUMENT NUMBER:**SD- 42375-001**CREATED / REVISED BY:**MKIPPER**CHECKED BY:**NNGUYEN**APPROVED BY:**FSMITH**

ENG. NO: A-42375-0212/0246

|                   |                    |              |      |                 |              |
|-------------------|--------------------|--------------|------|-----------------|--------------|
| HEADER NUMBER:    | 42312-0036         |              |      |                 |              |
| PIN NUMBER:       | 42663-AMA154       |              |      |                 |              |
| PIN LENGTH: L     | .505 / 12.83       |              |      |                 |              |
| MATING LENGTH: M  | .295 / 7.49        |              |      |                 |              |
| GOLD POINT: G     | N/A                |              |      |                 |              |
| PC TAIL LENGTH: P | .120 / 3.05        |              |      |                 |              |
| TIN: T            | OVERALL            |              |      |                 |              |
| CKTS:             | 2-36               |              |      |                 |              |
| KINKS:            | NO                 |              |      |                 |              |
| VOIDED CKTS:      | NONE               |              |      |                 |              |
| PACKAGING:        | BULK PK-40873-0041 |              |      |                 |              |
| CKTS              | MATERIAL NUMBER    | ENG NUMBER   | CKTS | MATERIAL NUMBER | ENG NUMBER   |
| 02                | 22-28-4022         | A-42375-0212 | 20   | 22-28-4202      | A-42375-0230 |
| 03                | 22-28-4032         | A-42375-0213 | 21   | 22-28-4212      | A-42375-0231 |
| 04                | 22-28-4042         | A-42375-0214 | 22   | 22-28-4222      | A-42375-0232 |
| 05                | 22-28-4052         | A-42375-0215 | 23   | 22-28-4232      | A-42375-0233 |
| 06                | 22-28-4062         | A-42375-0216 | 24   | 22-28-4242      | A-42375-0234 |
| 07                | 22-28-4072         | A-42375-0217 | 25   | 22-28-4252      | A-42375-0235 |
| 08                | 22-28-4082         | A-42375-0218 | 26   | 22-28-4262      | A-42375-0236 |
| 09                | 22-28-4092         | A-42375-0219 | 27   | 22-28-4272      | A-42375-0237 |
| 10                | 22-28-4102         | A-42375-0220 | 28   | 22-28-4282      | A-42375-0238 |
| 11                | 22-28-4112         | A-42375-0221 | 29   | 22-28-4292      | A-42375-0239 |
| 12                | 22-28-4122         | A-42375-0222 | 30   | 22-28-4302      | A-42375-0240 |
| 13                | 22-28-4132         | A-42375-0223 | 31   | 22-28-4312      | A-42375-0241 |
| 14                | 22-28-4142         | A-42375-0224 | 32   | 22-28-4322      | A-42375-0242 |
| 15                | 22-28-4152         | A-42375-0225 | 33   | 22-28-4332      | A-42375-0243 |
| 16                | 22-28-4162         | A-42375-0226 | 34   | 22-28-4342      | A-42375-0244 |
| 17                | 22-28-4172         | A-42375-0227 | 35   | 22-28-4352      | A-42375-0245 |
| 18                | 22-28-4182         | A-42375-0228 | 36   | 22-28-4362      | A-42375-0246 |
| 19                | 22-28-4192         | A-42375-0229 |      |                 |              |

ENG. NO: A-42375-0247/0281

|                   |                    |              |      |                 |              |
|-------------------|--------------------|--------------|------|-----------------|--------------|
| HEADER NUMBER:    | 42312-0036         |              |      |                 |              |
| PIN NUMBER:       | 42663-AMB208       |              |      |                 |              |
| PIN LENGTH: L     | .505 / 12.83       |              |      |                 |              |
| MATING LENGTH: M  | .295 / 7.49        |              |      |                 |              |
| GOLD POINT: G     | .140 / 3.56        |              |      |                 |              |
| PC TAIL LENGTH: P | .120 / 3.05        |              |      |                 |              |
| TIN: T            | .135 / 3.43        |              |      |                 |              |
| CKTS:             | 2-36               |              |      |                 |              |
| KINKS:            | NO                 |              |      |                 |              |
| VOIDED CKTS:      | NONE               |              |      |                 |              |
| PACKAGING:        | BULK PK-40873-0041 |              |      |                 |              |
| CKTS              | MATERIAL NUMBER    | ENG NUMBER   | CKTS | MATERIAL NUMBER | ENG NUMBER   |
| 02                | 22-28-4025         | A-42375-0247 | 20   | 22-28-4205      | A-42375-0265 |
| 03                | 22-28-4035         | A-42375-0248 | 21   | 22-28-4215      | A-42375-0266 |
| 04                | 22-28-4045         | A-42375-0249 | 22   | 22-28-4225      | A-42375-0267 |
| 05                | 22-28-4055         | A-42375-0250 | 23   | 22-28-4235      | A-42375-0268 |
| 06                | 22-28-4065         | A-42375-0251 | 24   | 22-28-4245      | A-42375-0269 |
| 07                | 22-28-4075         | A-42375-0252 | 25   | 22-28-4255      | A-42375-0270 |
| 08                | 22-28-4085         | A-42375-0253 | 26   | 22-28-4265      | A-42375-0271 |
| 09                | 22-28-4095         | A-42375-0254 | 27   | 22-28-4275      | A-42375-0272 |
| 10                | 22-28-4105         | A-42375-0255 | 28   | 22-28-4285      | A-42375-0273 |
| 11                | 22-28-4115         | A-42375-0256 | 29   | 22-28-4295      | A-42375-0274 |
| 12                | 22-28-4125         | A-42375-0257 | 30   | 22-28-4305      | A-42375-0275 |
| 13                | 22-28-4135         | A-42375-0258 | 31   | 22-28-4315      | A-42375-0276 |
| 14                | 22-28-4145         | A-42375-0259 | 32   | 22-28-4325      | A-42375-0277 |
| 15                | 22-28-4155         | A-42375-0260 | 33   | 22-28-4335      | A-42375-0278 |
| 16                | 22-28-4165         | A-42375-0261 | 34   | 22-28-4345      | A-42375-0279 |
| 17                | 22-28-4175         | A-42375-0262 | 35   | 22-28-4355      | A-42375-0280 |
| 18                | 22-28-4185         | A-42375-0263 | 36   | 22-28-4365      | A-42375-0281 |
| 19                | 22-28-4195         | A-42375-0264 |      |                 |              |

REV:

**T19**ECR/ECN INFORMATION:EC No.: **UCP2014-3273**DATE: **8/7/2014**TITLE:**KK 100 HEADER ASSY  
FLAT VERTICAL  
BREAKAWAY**SHEET No.**- 5 -**DOCUMENT NUMBER:**SD- 42375-001**CREATED / REVISED BY:**MKIPPER**CHECKED BY:**NNGUYEN**APPROVED BY:**FSMITH**

ENG. NO: A-42375-0282/0316

|                   |                    |
|-------------------|--------------------|
| HEADER NUMBER:    | 42312-0036         |
| PIN NUMBER:       | 42663-AMB228       |
| PIN LENGTH: L     | .505 / 12.83       |
| MATING LENGTH: M  | .295 / 7.49        |
| GOLD POINT: G     | .140 / 3.56        |
| PC TAIL LENGTH: P | .120 / 3.05        |
| TIN: T            | .135 / 3.43        |
| CKTS:             | 2-36               |
| KINKS:            | NO                 |
| VOIDED CKTS:      | NONE               |
| PACKAGING:        | BULK PK-40873-0041 |

| CKTS | MATERIAL<br>NUMBER | ENG<br>NUMBER | CKTS | MATERIAL<br>NUMBER | ENG<br>NUMBER |
|------|--------------------|---------------|------|--------------------|---------------|
| 02   | 22-28-4028         | A-42375-0282  | 20   | 22-28-4208         | A-42375-0300  |
| 03   | 22-28-4038         | A-42375-0283  | 21   | 22-28-4218         | A-42375-0301  |
| 04   | 22-28-4048         | A-42375-0284  | 22   | 22-28-4228         | A-42375-0302  |
| 05   | 22-28-4058         | A-42375-0285  | 23   | 22-28-4238         | A-42375-0303  |
| 06   | 22-28-4068         | A-42375-0286  | 24   | 22-28-4248         | A-42375-0304  |
| 07   | 22-28-4078         | A-42375-0287  | 25   | 22-28-4258         | A-42375-0305  |
| 08   | 22-28-4088         | A-42375-0288  | 26   | 22-28-4268         | A-42375-0306  |
| 09   | 22-28-4098         | A-42375-0289  | 27   | 22-28-4278         | A-42375-0307  |
| 10   | 22-28-4108         | A-42375-0290  | 28   | 22-28-4288         | A-42375-0308  |
| 11   | 22-28-4118         | A-42375-0291  | 29   | 22-28-4298         | A-42375-0309  |
| 12   | 22-28-4128         | A-42375-0192  | 30   | 22-28-4308         | A-42375-0310  |
| 13   | 22-28-4138         | A-42375-0293  | 31   | 22-28-4318         | A-42375-0311  |
| 14   | 22-28-4148         | A-42375-0294  | 32   | 22-28-4328         | A-42375-0312  |
| 15   | 22-28-4158         | A-42375-0295  | 33   | 22-28-4338         | A-42375-0313  |
| 16   | 22-28-4168         | A-42375-0296  | 34   | 22-28-4348         | A-42375-0314  |
| 17   | 22-28-4178         | A-42375-0297  | 35   | 22-28-4358         | A-42375-0315  |
| 18   | 22-28-4188         | A-42375-0298  | 36   | 22-28-4368         | A-42375-0316  |
| 19   | 22-28-4198         | A-42375-0299  |      |                    |               |

ENG. NO: A-42375-0317/0351

|                   |                    |
|-------------------|--------------------|
| HEADER NUMBER:    | 42312-0036         |
| PIN NUMBER:       | 42663-ADA154       |
| PIN LENGTH: L     | .465 / 11.81       |
| MATING LENGTH: M  | .240 / 6.09        |
| GOLD POINT: G     | N/A                |
| PC TAIL LENGTH: P | .135 / 3.43        |
| TIN: T            | OVERALL            |
| CKTS:             | 2-36               |
| KINKS:            | SMES-42003         |
| VOIDED CKTS:      | NONE               |
| PACKAGING:        | BULK PK-40873-0041 |

| CKTS | MATERIAL<br>NUMBER | ENG<br>NUMBER | CKTS | MATERIAL<br>NUMBER | ENG<br>NUMBER |
|------|--------------------|---------------|------|--------------------|---------------|
| 02   | 22-28-5020         | A-42375-0317  | 20   | 22-28-5200         | A-42375-0335  |
| 03   | 22-28-5030         | A-42375-0318  | 21   | 22-28-5210         | A-42375-0336  |
| 04   | 22-28-5040         | A-42375-0319  | 22   | 22-28-5220         | A-42375-0337  |
| 05   | 22-28-5050         | A-42375-0320  | 23   | 22-28-5230         | A-42375-0338  |
| 06   | 22-28-5060         | A-42375-0321  | 24   | 22-28-5240         | A-42375-0339  |
| 07   | 22-28-5070         | A-42375-0322  | 25   | 22-28-5250         | A-42375-0340  |
| 08   | 22-28-5080         | A-42375-0323  | 26   | 22-28-5260         | A-42375-0341  |
| 09   | 22-28-5090         | A-42375-0324  | 27   | 22-28-5270         | A-42375-0342  |
| 10   | 22-28-5100         | A-42375-0325  | 28   | 22-28-5280         | A-42375-0343  |
| 11   | 22-28-5110         | A-42375-0326  | 29   | 22-28-5290         | A-42375-0344  |
| 12   | 22-28-5120         | A-42375-0327  | 30   | 22-28-5300         | A-42375-0345  |
| 13   | 22-28-5130         | A-42375-0328  | 31   | 22-28-5310         | A-42375-0346  |
| 14   | 22-28-5140         | A-42375-0329  | 32   | 22-28-5320         | A-42375-0347  |
| 15   | 22-28-5150         | A-42375-0330  | 33   | 22-28-5330         | A-42375-0348  |
| 16   | 22-28-5160         | A-42375-0331  | 34   | 22-28-5340         | A-42375-0349  |
| 17   | 22-28-5170         | A-42375-0332  | 35   | 22-28-5350         | A-42375-0350  |
| 18   | 22-28-5180         | A-42375-0333  | 36   | 22-28-5360         | A-42375-0351  |
| 19   | 22-28-5190         | A-42375-0334  |      |                    |               |

|                                          |                                                                              |                                                                     |                               |
|------------------------------------------|------------------------------------------------------------------------------|---------------------------------------------------------------------|-------------------------------|
| REV:<br><b>T19</b>                       | ECR/ECN INFORMATION:<br>EC No.: <b>UCP2014-3273</b><br>DATE: <b>8/7/2014</b> | TITLE:<br><b>KK 100 HEADER ASSY<br/>FLAT VERTICAL<br/>BREAKAWAY</b> | SHEET No.<br><b>- 6 -</b>     |
| DOCUMENT NUMBER:<br><b>SD- 42375-001</b> | CREATED / REVISED BY:<br><b>MKIPPER</b>                                      | CHECKED BY:<br><b>NNGUYEN</b>                                       | APPROVED BY:<br><b>FSMITH</b> |

ENG. NO: A-42375-0352/0386

|                   |                    |
|-------------------|--------------------|
| HEADER NUMBER:    | 42312-0036         |
| PIN NUMBER:       | 42663-ADB208       |
| PIN LENGTH: L     | .465 / 11.81       |
| MATING LENGTH: M  | .240 / 6.09        |
| GOLD POINT: G     | .100 / 2.54        |
| PC TAIL LENGTH: P | .135 / 3.43        |
| TIN: T            | .100 / 2.54        |
| CKTS:             | 2-36               |
| KINKS:            | SMES-42003         |
| VOIDED CKTS:      | NONE               |
| PACKAGING:        | BULK PK-40873-0041 |

| CKTS | MATERIAL<br>NUMBER | ENG<br>NUMBER | CKTS | MATERIAL<br>NUMBER | ENG<br>NUMBER |
|------|--------------------|---------------|------|--------------------|---------------|
| 02   | 22-28-5023         | A-42375-0352  | 20   | 22-28-5203         | A-42375-0370  |
| 03   | 22-28-5033         | A-42375-0353  | 21   | 22-28-5213         | A-42375-0371  |
| 04   | 22-28-5043         | A-42375-0354  | 22   | 22-28-5223         | A-42375-0372  |
| 05   | 22-28-5053         | A-42375-0355  | 23   | 22-28-5233         | A-42375-0373  |
| 06   | 22-28-5063         | A-42375-0356  | 24   | 22-28-5243         | A-42375-0374  |
| 07   | 22-28-5073         | A-42375-0357  | 25   | 22-28-5253         | A-42375-0375  |
| 08   | 22-28-5083         | A-42375-0358  | 26   | 22-28-5263         | A-42375-0376  |
| 09   | 22-28-5093         | A-42375-0359  | 27   | 22-28-5273         | A-42375-0377  |
| 10   | 22-28-5103         | A-42375-0360  | 28   | 22-28-5283         | A-42375-0378  |
| 11   | 22-28-5113         | A-42375-0361  | 29   | 22-28-5293         | A-42375-0379  |
| 12   | 22-28-5123         | A-42375-0362  | 30   | 22-28-5303         | A-42375-0380  |
| 13   | 22-28-5133         | A-42375-0363  | 31   | 22-28-5313         | A-42375-0381  |
| 14   | 22-28-5143         | A-42375-0364  | 32   | 22-28-5323         | A-42375-0382  |
| 15   | 22-28-5153         | A-42375-0365  | 33   | 22-28-5333         | A-42375-0383  |
| 16   | 22-28-5163         | A-42375-0366  | 34   | 22-28-5343         | A-42375-0384  |
| 17   | 22-28-5173         | A-42375-0367  | 35   | 22-28-5353         | A-42375-0385  |
| 18   | 22-28-5183         | A-42375-0368  | 36   | 22-28-5363         | A-42375-0386  |
| 19   | 22-28-5193         | A-42375-0369  |      |                    |               |

ENG. NO: A-42375-0387/0421

|                   |                    |
|-------------------|--------------------|
| HEADER NUMBER:    | 42312-0036         |
| PIN NUMBER:       | 42663-ADB228       |
| PIN LENGTH: L     | .465 / 11.81       |
| MATING LENGTH: M  | .240 / 6.09        |
| GOLD POINT: G     | .100 / 2.54        |
| PC TAIL LENGTH: P | .135 / 3.43        |
| TIN: T            | .100 / 2.54        |
| CKTS:             | 2-36               |
| KINKS:            | SMES-42003         |
| VOIDED CKTS:      | NONE               |
| PACKAGING:        | BULK PK-40873-0041 |

| CKTS | MATERIAL<br>NUMBER | ENG<br>NUMBER | CKTS | MATERIAL<br>NUMBER | ENG<br>NUMBER |
|------|--------------------|---------------|------|--------------------|---------------|
| 02   | 22-28-5026         | A-42375-0387  | 20   | 22-28-5206         | A-42375-0405  |
| 03   | 22-28-5036         | A-42375-0388  | 21   | 22-28-5216         | A-42375-0406  |
| 04   | 22-28-5046         | A-42375-0389  | 22   | 22-28-5226         | A-42375-0407  |
| 05   | 22-28-5056         | A-42375-0390  | 23   | 22-28-5236         | A-42375-0408  |
| 06   | 22-28-5066         | A-42375-0391  | 24   | 22-28-5246         | A-42375-0409  |
| 07   | 22-28-5076         | A-42375-0392  | 25   | 22-28-5256         | A-42375-0410  |
| 08   | 22-28-5086         | A-42375-0393  | 26   | 22-28-5266         | A-42375-0411  |
| 09   | 22-28-5096         | A-42375-0394  | 27   | 22-28-5276         | A-42375-0412  |
| 10   | 22-28-5106         | A-42375-0395  | 28   | 22-28-5286         | A-42375-0413  |
| 11   | 22-28-5116         | A-42375-0396  | 29   | 22-28-5296         | A-42375-0414  |
| 12   | 22-28-5126         | A-42375-0397  | 30   | 22-28-5306         | A-42375-0415  |
| 13   | 22-28-5136         | A-42375-0398  | 31   | 22-28-5316         | A-42375-0416  |
| 14   | 22-28-5146         | A-42375-0399  | 32   | 22-28-5326         | A-42375-0417  |
| 15   | 22-28-5156         | A-42375-0400  | 33   | 22-28-5336         | A-42375-0418  |
| 16   | 22-28-5166         | A-42375-0401  | 34   | 22-28-5346         | A-42375-0419  |
| 17   | 22-28-5176         | A-42375-0402  | 35   | 22-28-5356         | A-42375-0420  |
| 18   | 22-28-5186         | A-42375-0403  | 36   | 22-28-5366         | A-42375-0421  |
| 19   | 22-28-5196         | A-42375-0404  |      |                    |               |

|                         |                              |                                                           |                     |
|-------------------------|------------------------------|-----------------------------------------------------------|---------------------|
| REV:                    | <u>ECR/ECN INFORMATION:</u>  | <u>TITLE:</u>                                             | <u>SHEET No.</u>    |
| <b>T19</b>              | EC No.: <b>UCP2014-3273</b>  | <b>KK 100 HEADER ASSY<br/>FLAT VERTICAL<br/>BREAKAWAY</b> | <b>- 7 -</b>        |
|                         | DATE: <b>8/7/2014</b>        |                                                           |                     |
| <u>DOCUMENT NUMBER:</u> | <u>CREATED / REVISED BY:</u> | <u>CHECKED BY:</u>                                        | <u>APPROVED BY:</u> |
| <b>SD- 42375-001</b>    | <b>MKIPPER</b>               | <b>NNGUYEN</b>                                            | <b>FSMITH</b>       |

ENG. NO: A-42375-0422/0456

| HEADER NUMBER:    |                 | 42312-0036         |      |                 |              |
|-------------------|-----------------|--------------------|------|-----------------|--------------|
| PIN NUMBER:       |                 | 42663-AYA154       |      |                 |              |
| PIN LENGTH: L     |                 | .545 / 13.84       |      |                 |              |
| MATING LENGTH: M  |                 | .320 / 8.13        |      |                 |              |
| GOLD POINT: G     |                 | N/A                |      |                 |              |
| PC TAIL LENGTH: P |                 | .135 / 3.43        |      |                 |              |
| TIN: T            |                 | OVERALL            |      |                 |              |
| CKTS:             |                 | 2-36               |      |                 |              |
| KINKS:            |                 | SMES-42003         |      |                 |              |
| VOIDED CKTS:      |                 | NONE               |      |                 |              |
| PACKAGING:        |                 | BULK PK-40873-0041 |      |                 |              |
| CKTS              | MATERIAL NUMBER | ENG NUMBER         | CKTS | MATERIAL NUMBER | ENG NUMBER   |
| 02                | 22-28-5021      | A-42375-0422       | 20   | 22-28-5201      | A-42375-0440 |
| 03                | 22-28-5031      | A-42375-0423       | 21   | 22-28-5211      | A-42375-0441 |
| 04                | 22-28-5041      | A-42375-0424       | 22   | 22-28-5221      | A-42375-0442 |
| 05                | 22-28-5051      | A-42375-0425       | 23   | 22-28-5231      | A-42375-0443 |
| 06                | 22-28-5061      | A-42375-0426       | 24   | 22-28-5241      | A-42375-0444 |
| 07                | 22-28-5071      | A-42375-0427       | 25   | 22-28-5251      | A-42375-0445 |
| 08                | 22-28-5081      | A-42375-0428       | 26   | 22-28-5261      | A-42375-0446 |
| 09                | 22-28-5091      | A-42375-0429       | 27   | 22-28-5271      | A-42375-0447 |
| 10                | 22-28-5101      | A-42375-0430       | 28   | 22-28-5281      | A-42375-0448 |
| 11                | 22-28-5111      | A-42375-0431       | 29   | 22-28-5291      | A-42375-0449 |
| 12                | 22-28-5121      | A-42375-0432       | 30   | 22-28-5301      | A-42375-0450 |
| 13                | 22-28-5131      | A-42375-0433       | 31   | 22-28-5311      | A-42375-0451 |
| 14                | 22-28-5141      | A-42375-0434       | 32   | 22-28-5321      | A-42375-0452 |
| 15                | 22-28-5151      | A-42375-0435       | 33   | 22-28-5331      | A-42375-0453 |
| 16                | 22-28-5161      | A-42375-0436       | 34   | 22-28-5341      | A-42375-0454 |
| 17                | 22-28-5171      | A-42375-0437       | 35   | 22-28-5351      | A-42375-0455 |
| 18                | 22-28-5181      | A-42375-0438       | 36   | 22-28-5361      | A-42375-0456 |
| 19                | 22-28-5191      | A-42375-0439       |      |                 |              |

ENG. NO: A-42375-0457/0491

| HEADER NUMBER:    |                 | 42312-0036         |      |                 |              |
|-------------------|-----------------|--------------------|------|-----------------|--------------|
| PIN NUMBER:       |                 | 42663-AYB208       |      |                 |              |
| PIN LENGTH: L     |                 | .545 / 13.84       |      |                 |              |
| MATING LENGTH: M  |                 | .320 / 8.13        |      |                 |              |
| GOLD POINT: G     |                 | .140 / 3.56        |      |                 |              |
| PC TAIL LENGTH: P |                 | .135 / 3.43        |      |                 |              |
| TIN: T            |                 | .135 / 3.43        |      |                 |              |
| CKTS:             |                 | 2-36               |      |                 |              |
| KINKS:            |                 | SMES-42003         |      |                 |              |
| VOIDED CKTS:      |                 | NONE               |      |                 |              |
| PACKAGING:        |                 | BULK PK-40873-0041 |      |                 |              |
| CKTS              | MATERIAL NUMBER | ENG NUMBER         | CKTS | MATERIAL NUMBER | ENG NUMBER   |
| 02                | 22-28-5024      | A-42375-0457       | 20   | 22-28-5204      | A-42375-0475 |
| 03                | 22-28-5034      | A-42375-0458       | 21   | 22-28-5214      | A-42375-0476 |
| 04                | 22-28-5044      | A-42375-0459       | 22   | 22-28-5224      | A-42375-0477 |
| 05                | 22-28-5054      | A-42375-0460       | 23   | 22-28-5234      | A-42375-0478 |
| 06                | 22-28-5064      | A-42375-0461       | 24   | 22-28-5244      | A-42375-0479 |
| 07                | 22-28-5074      | A-42375-0462       | 25   | 22-28-5254      | A-42375-0480 |
| 08                | 22-28-5084      | A-42375-0463       | 26   | 22-28-5264      | A-42375-0481 |
| 09                | 22-28-5094      | A-42375-0464       | 27   | 22-28-5274      | A-42375-0482 |
| 10                | 22-28-5104      | A-42375-0465       | 28   | 22-28-5284      | A-42375-0483 |
| 11                | 22-28-5114      | A-42375-0466       | 29   | 22-28-5294      | A-42375-0484 |
| 12                | 22-28-5124      | A-42375-0467       | 30   | 22-28-5304      | A-42375-0485 |
| 13                | 22-28-5134      | A-42375-0468       | 31   | 22-28-5314      | A-42375-0486 |
| 14                | 22-28-5144      | A-42375-0469       | 32   | 22-28-5324      | A-42375-0487 |
| 15                | 22-28-5154      | A-42375-0470       | 33   | 22-28-5334      | A-42375-0488 |
| 16                | 22-28-5164      | A-42375-0471       | 34   | 22-28-5344      | A-42375-0489 |
| 17                | 22-28-5174      | A-42375-0472       | 35   | 22-28-5354      | A-42375-0490 |
| 18                | 22-28-5184      | A-42375-0473       | 36   | 22-28-5364      | A-42375-0491 |
| 19                | 22-28-5194      | A-42375-0474       |      |                 |              |

REV:

**T19**ECR/ECN INFORMATION:EC No.: **UCP2014-3273**DATE: **8/7/2014**TITLE:**KK 100 HEADER ASSY  
FLAT VERTICAL  
BREAKAWAY**SHEET No.**- 8 -**DOCUMENT NUMBER:**SD- 42375-001**CREATED / REVISED BY:**MKIPPER**CHECKED BY:**NNGUYEN**APPROVED BY:**FSMITH**

| ENG. NO: A-42375-0492/0526 |                 |                    |      |                 |              |
|----------------------------|-----------------|--------------------|------|-----------------|--------------|
| HEADER NUMBER:             |                 | 42312-0036         |      |                 |              |
| PIN NUMBER:                |                 | 42663-AYB228       |      |                 |              |
| PIN LENGTH: L              |                 | .545 / 13.84       |      |                 |              |
| MATING LENGTH: M           |                 | .320 / 8.13        |      |                 |              |
| GOLD POINT: G              |                 | .140 / 3.56        |      |                 |              |
| PC TAIL LENGTH: P          |                 | .135 / 3.43        |      |                 |              |
| TIN: T                     |                 | .135 / 3.43        |      |                 |              |
| CKTS:                      |                 | 2-36               |      |                 |              |
| KINKS:                     |                 | SMES-42003         |      |                 |              |
| VOIDED CKTS:               |                 | NONE               |      |                 |              |
| PACKAGING:                 |                 | BULK PK-40873-0041 |      |                 |              |
| CKTS                       | MATERIAL NUMBER | ENG NUMBER         | CKTS | MATERIAL NUMBER | ENG NUMBER   |
| 02                         | 22-28-5027      | A-42375-0492       | 20   | 22-28-5207      | A-42375-0510 |
| 03                         | 22-28-5037      | A-42375-0493       | 21   | 22-28-5217      | A-42375-0511 |
| 04                         | 22-28-5047      | A-42375-0494       | 22   | 22-28-5227      | A-42375-0512 |
| 05                         | 22-28-5057      | A-42375-0495       | 23   | 22-28-5237      | A-42375-0513 |
| 06                         | 22-28-5067      | A-42375-0496       | 24   | 22-28-5247      | A-42375-0514 |
| 07                         | 22-28-5077      | A-42375-0497       | 25   | 22-28-5257      | A-42375-0515 |
| 08                         | 22-28-5087      | A-42375-0498       | 26   | 22-28-5267      | A-42375-0516 |
| 09                         | 22-28-5097      | A-42375-0499       | 27   | 22-28-5277      | A-42375-0517 |
| 10                         | 22-28-5107      | A-42375-0500       | 28   | 22-28-5287      | A-42375-0518 |
| 11                         | 22-28-5117      | A-42375-0501       | 29   | 22-28-5297      | A-42375-0519 |
| 12                         | 22-28-5127      | A-42375-0502       | 30   | 22-28-5307      | A-42375-0520 |
| 13                         | 22-28-5137      | A-42375-0503       | 31   | 22-28-5317      | A-42375-0521 |
| 14                         | 22-28-5147      | A-42375-0504       | 32   | 22-28-5327      | A-42375-0522 |
| 15                         | 22-28-5157      | A-42375-0505       | 33   | 22-28-5337      | A-42375-0523 |
| 16                         | 22-28-5167      | A-42375-0506       | 34   | 22-28-5347      | A-42375-0524 |
| 17                         | 22-28-5177      | A-42375-0507       | 35   | 22-28-5357      | A-42375-0525 |
| 18                         | 22-28-5187      | A-42375-0508       | 36   | 22-28-5367      | A-42375-0526 |
| 19                         | 22-28-5197      | A-42375-0509       |      |                 |              |

| ENG. NO: A-42375-0527/0561 |                 |                    |      |                 |              |
|----------------------------|-----------------|--------------------|------|-----------------|--------------|
| HEADER NUMBER:             |                 | 42312-0036         |      |                 |              |
| PIN NUMBER:                |                 | 42663-ARA154       |      |                 |              |
| PIN LENGTH: L              |                 | .520 / 13.21       |      |                 |              |
| MATING LENGTH: M           |                 | .295 / 7.49        |      |                 |              |
| GOLD POINT: G              |                 | N/A                |      |                 |              |
| PC TAIL LENGTH: P          |                 | .135 / 3.43        |      |                 |              |
| TIN: T                     |                 | OVERALL            |      |                 |              |
| CKTS:                      |                 | 2-36               |      |                 |              |
| KINKS:                     |                 | SMES-42003         |      |                 |              |
| VOIDED CKTS:               |                 | NONE               |      |                 |              |
| PACKAGING:                 |                 | BULK PK-40873-0041 |      |                 |              |
| CKTS                       | MATERIAL NUMBER | ENG NUMBER         | CKTS | MATERIAL NUMBER | ENG NUMBER   |
| 02                         | 22-28-5022      | A-42375-0527       | 20   | 22-28-5202      | A-42375-0545 |
| 03                         | 22-28-5032      | A-42375-0528       | 21   | 22-28-5212      | A-42375-0546 |
| 04                         | 22-28-5042      | A-42375-0529       | 22   | 22-28-5222      | A-42375-0547 |
| 05                         | 22-28-5052      | A-42375-0530       | 23   | 22-28-5232      | A-42375-0548 |
| 06                         | 22-28-5062      | A-42375-0531       | 24   | 22-28-5242      | A-42375-0549 |
| 07                         | 22-28-5072      | A-42375-0532       | 25   | 22-28-5252      | A-42375-0550 |
| 08                         | 22-28-5082      | A-42375-0533       | 26   | 22-28-5262      | A-42375-0551 |
| 09                         | 22-28-5092      | A-42375-0534       | 27   | 22-28-5272      | A-42375-0552 |
| 10                         | 22-28-5102      | A-42375-0535       | 28   | 22-28-5282      | A-42375-0553 |
| 11                         | 22-28-5112      | A-42375-0536       | 29   | 22-28-5292      | A-42375-0554 |
| 12                         | 22-28-5122      | A-42375-0537       | 30   | 22-28-5302      | A-42375-0555 |
| 13                         | 22-28-5132      | A-42375-0538       | 31   | 22-28-5312      | A-42375-0556 |
| 14                         | 22-28-5142      | A-42375-0539       | 32   | 22-28-5322      | A-42375-0557 |
| 15                         | 22-28-5152      | A-42375-0540       | 33   | 22-28-5332      | A-42375-0558 |
| 16                         | 22-28-5162      | A-42375-0541       | 34   | 22-28-5342      | A-42375-0559 |
| 17                         | 22-28-5172      | A-42375-0542       | 35   | 22-28-5352      | A-42375-0560 |
| 18                         | 22-28-5182      | A-42375-0543       | 36   | 22-28-5362      | A-42375-0561 |
| 19                         | 22-28-5192      | A-42375-0544       |      |                 |              |

|                                                     |                             |                     |                                                                                |                                          |                                          |                                      |
|-----------------------------------------------------|-----------------------------|---------------------|--------------------------------------------------------------------------------|------------------------------------------|------------------------------------------|--------------------------------------|
| REV:<br><br><b>T19</b>                              | <u>ECR/ECN INFORMATION:</u> |                     | <u>TITLE:</u><br><br><b>KK 100 HEADER ASSY<br/>FLAT VERTICAL<br/>BREAKAWAY</b> |                                          |                                          | <u>SHEET No.</u><br><br><b>- 9 -</b> |
|                                                     | <u>EC No.:</u>              | <b>UCP2014-3273</b> |                                                                                |                                          |                                          |                                      |
|                                                     | <u>DATE:</u>                | <b>8/7/2014</b>     |                                                                                |                                          |                                          |                                      |
| <u>DOCUMENT NUMBER:</u><br><br><b>SD- 42375-001</b> |                             |                     | <u>CREATED / REVISED BY:</u><br><br><b>MKIPPER</b>                             | <u>CHECKED BY:</u><br><br><b>NNGUYEN</b> | <u>APPROVED BY:</u><br><br><b>FSMITH</b> |                                      |

ENG. NO: A-42375-0562/0596

|                   |                    |
|-------------------|--------------------|
| HEADER NUMBER:    | 42312-0036         |
| PIN NUMBER:       | 42663-ARB208       |
| PIN LENGTH: L     | .520 / 13.21       |
| MATING LENGTH: M  | .295 / 7.49        |
| GOLD POINT: G     | .140 / 3.56        |
| PC TAIL LENGTH: P | .135 / 3.43        |
| TIN: T            | .135 / 3.43        |
| CKTS:             | 2-36               |
| KINKS:            | SMES-42003         |
| VOIDED CKTS:      | NONE               |
| PACKAGING:        | BULK PK-40873-0041 |

| CKTS | MATERIAL<br>NUMBER | ENG<br>NUMBER | CKTS | MATERIAL<br>NUMBER | ENG<br>NUMBER |
|------|--------------------|---------------|------|--------------------|---------------|
| 02   | 22-28-5025         | A-42375-0562  | 20   | 22-28-5205         | A-42375-0580  |
| 03   | 22-28-5035         | A-42375-0563  | 21   | 22-28-5215         | A-42375-0581  |
| 04   | 22-28-5045         | A-42375-0564  | 22   | 22-28-5225         | A-42375-0582  |
| 05   | 22-28-5055         | A-42375-0565  | 23   | 22-28-5235         | A-42375-0583  |
| 06   | 22-28-5065         | A-42375-0566  | 24   | 22-28-5245         | A-42375-0584  |
| 07   | 22-28-5075         | A-42375-0567  | 25   | 22-28-5255         | A-42375-0585  |
| 08   | 22-28-5085         | A-42375-0568  | 26   | 22-28-5265         | A-42375-0586  |
| 09   | 22-28-5095         | A-42375-0569  | 27   | 22-28-5275         | A-42375-0587  |
| 10   | 22-28-5105         | A-42375-0570  | 28   | 22-28-5285         | A-42375-0588  |
| 11   | 22-28-5115         | A-42375-0571  | 29   | 22-28-5295         | A-42375-0589  |
| 12   | 22-28-5125         | A-42375-0572  | 30   | 22-28-5305         | A-42375-0590  |
| 13   | 22-28-5135         | A-42375-0573  | 31   | 22-28-5315         | A-42375-0591  |
| 14   | 22-28-5145         | A-42375-0574  | 32   | 22-28-5325         | A-42375-0592  |
| 15   | 22-28-5155         | A-42375-0575  | 33   | 22-28-5335         | A-42375-0593  |
| 16   | 22-28-5165         | A-42375-0576  | 34   | 22-28-5345         | A-42375-0594  |
| 17   | 22-28-5175         | A-42375-0577  | 35   | 22-28-5355         | A-42375-0595  |
| 18   | 22-28-5185         | A-42375-0578  | 36   | 22-28-5365         | A-42375-0596  |
| 19   | 22-28-5195         | A-42375-0579  |      |                    |               |

ENG. NO: A-42375-0597/0631

|                   |                    |
|-------------------|--------------------|
| HEADER NUMBER:    | 42312-0036         |
| PIN NUMBER:       | 42663-ARB228       |
| PIN LENGTH: L     | .520 / 13.21       |
| MATING LENGTH: M  | .295 / 7.49        |
| GOLD POINT: G     | .140 / 3.56        |
| PC TAIL LENGTH: P | .135 / 3.43        |
| TIN: T            | .135 / 3.43        |
| CKTS:             | 2-36               |
| KINKS:            | SMES-42003         |
| VOIDED CKTS:      | NONE               |
| PACKAGING:        | BULK PK-40873-0041 |

| CKTS | MATERIAL<br>NUMBER | ENG<br>NUMBER | CKTS | MATERIAL<br>NUMBER | ENG<br>NUMBER |
|------|--------------------|---------------|------|--------------------|---------------|
| 02   | 22-28-5028         | A-42375-0597  | 20   | 22-28-5208         | A-42375-0615  |
| 03   | 22-28-5038         | A-42375-0598  | 21   | 22-28-5218         | A-42375-0616  |
| 04   | 22-28-5048         | A-42375-0599  | 22   | 22-28-5228         | A-42375-0617  |
| 05   | 22-28-5058         | A-42375-0600  | 23   | 22-28-5238         | A-42375-0618  |
| 06   | 22-28-5068         | A-42375-0601  | 24   | 22-28-5248         | A-42375-0619  |
| 07   | 22-28-5078         | A-42375-0602  | 25   | 22-28-5258         | A-42375-0620  |
| 08   | 22-28-5088         | A-42375-0603  | 26   | 22-28-5268         | A-42375-0621  |
| 09   | 22-28-5098         | A-42375-0604  | 27   | 22-28-5278         | A-42375-0622  |
| 10   | 22-28-5108         | A-42375-0605  | 28   | 22-28-5288         | A-42375-0623  |
| 11   | 22-28-5118         | A-42375-0606  | 29   | 22-28-5298         | A-42375-0624  |
| 12   | 22-28-5128         | A-42375-0607  | 30   | 22-28-5308         | A-42375-0625  |
| 13   | 22-28-5138         | A-42375-0608  | 31   | 22-28-5318         | A-42375-0626  |
| 14   | 22-28-5148         | A-42375-0609  | 32   | 22-28-5328         | A-42375-0627  |
| 15   | 22-28-5158         | A-42375-0610  | 33   | 22-28-5338         | A-42375-0628  |
| 16   | 22-28-5168         | A-42375-0611  | 34   | 22-28-5348         | A-42375-0629  |
| 17   | 22-28-5178         | A-42375-0612  | 35   | 22-28-5358         | A-42375-0630  |
| 18   | 22-28-5188         | A-42375-0613  | 36   | 22-28-5368         | A-42375-0631  |
| 19   | 22-28-5198         | A-42375-0614  |      |                    |               |

REV:

**T19**ECR/ECN INFORMATION:EC No.: **UCP2014-3273**DATE: **8/7/2014**TITLE:

**KK 100 HEADER ASSY  
FLAT VERTICAL  
BREAKAWAY**

SHEET No.**- 10 -**DOCUMENT NUMBER:**SD- 42375-001**CREATED / REVISED BY:**MKIPPER**CHECKED BY:**NNGUYEN**APPROVED BY:**FSMITH**

ENG. NO: A-42375-0667/0699

|                   |                 |                    |      |                 |              |
|-------------------|-----------------|--------------------|------|-----------------|--------------|
| HEADER NUMBER:    |                 | 42312-0036         |      |                 |              |
| PIN NUMBER:       |                 | 42663-ABB208       |      |                 |              |
| PIN LENGTH: L     |                 | .455 / 11.56       |      |                 |              |
| MATING LENGTH: M  |                 | .240 / 6.09        |      |                 |              |
| GOLD POINT: G     |                 | .100 / 2.54        |      |                 |              |
| PC TAIL LENGTH: P |                 | .125 / 3.18        |      |                 |              |
| TIN: T            |                 | .100 / 2.54        |      |                 |              |
| CKTS:             |                 | 4-36               |      |                 |              |
| KINKS:            |                 | NO                 |      |                 |              |
| VOIDED CKTS:      |                 | 4                  |      |                 |              |
| PACKAGING:        |                 | BULK PK-40873-0041 |      |                 |              |
| CKTS              | MATERIAL NUMBER | ENG NUMBER         | CKTS | MATERIAL NUMBER | ENG NUMBER   |
| 02                |                 |                    | 20   | 42375-0683      | A-42375-0683 |
| 03                |                 |                    | 21   | 42375-0684      | A-42375-0684 |
| 04                | 42375-0667      | A-42375-0667       | 22   | 42375-0685      | A-42375-0685 |
| 05                | 42375-0668      | A-42375-0668       | 23   | 42375-0686      | A-42375-0686 |
| 06                | 22-30-3060      | A-42375-0669       | 24   | 42375-0687      | A-42375-0687 |
| 07                | 42375-0670      | A-42375-0670       | 25   | 42375-0688      | A-42375-0688 |
| 08                | 42375-0671      | A-42375-0671       | 26   | 42375-0689      | A-42375-0689 |
| 09                | 42375-0672      | A-42375-0672       | 27   | 42375-0690      | A-42375-0690 |
| 10                | 42375-0673      | A-42375-0673       | 28   | 42375-0691      | A-42375-0691 |
| 11                | 42375-0674      | A-42375-0674       | 29   | 42375-0692      | A-42375-0692 |
| 12                | 22-30-3120      | A-42375-0675       | 30   | 42375-0693      | A-42375-0693 |
| 13                | 42375-0676      | A-42375-0676       | 31   | 42375-0694      | A-42375-0694 |
| 14                | 42375-0677      | A-42375-0677       | 32   | 42375-0695      | A-42375-0695 |
| 15                | 42375-0678      | A-42375-0678       | 33   | 42375-0696      | A-42375-0696 |
| 16                | 42375-0679      | A-42375-0679       | 34   | 42375-0697      | A-42375-0697 |
| 17                | 42375-0680      | A-42375-0680       | 35   | 42375-0698      | A-42375-0698 |
| 18                | 42375-0681      | A-42375-0681       | 36   | 42375-0699      | A-42375-0699 |
| 19                | 42375-0682      | A-42375-0682       |      |                 |              |
|                   |                 |                    |      |                 |              |

ENG. NO: A-42375-0700/0732

|                   |                 |                    |      |                 |              |
|-------------------|-----------------|--------------------|------|-----------------|--------------|
| HEADER NUMBER:    |                 | 42312-0036         |      |                 |              |
| PIN NUMBER:       |                 | 42663-ADB208       |      |                 |              |
| PIN LENGTH: L     |                 | .465 / 11.81       |      |                 |              |
| MATING LENGTH: M  |                 | .240 / 6.09        |      |                 |              |
| GOLD POINT: G     |                 | .100 / 2.54        |      |                 |              |
| PC TAIL LENGTH: P |                 | .135 / 3.43        |      |                 |              |
| TIN: T            |                 | .100 / 2.54        |      |                 |              |
| CKTS:             |                 | 4-36               |      |                 |              |
| KINKS:            |                 | SMES-42003         |      |                 |              |
| VOIDED CKTS:      |                 | 4                  |      |                 |              |
| PACKAGING:        |                 | BULK PK-40873-0041 |      |                 |              |
| CKTS              | MATERIAL NUMBER | ENG NUMBER         | CKTS | MATERIAL NUMBER | ENG NUMBER   |
| 02                |                 |                    | 20   | 42375-0716      | A-42375-0716 |
| 03                |                 |                    | 21   | 42375-0717      | A-42375-0717 |
| 04                | 42375-0700      | A-42375-0700       | 22   | 42375-0718      | A-42375-0718 |
| 05                | 42375-0701      | A-42375-0701       | 23   | 42375-0719      | A-42375-0719 |
| 06                | 22-30-3061      | A-42375-0702       | 24   | 42375-0720      | A-42375-0720 |
| 07                | 42375-0703      | A-42375-0703       | 25   | 42375-0721      | A-42375-0721 |
| 08                | 42375-0704      | A-42375-0704       | 26   | 42375-0722      | A-42375-0722 |
| 09                | 42375-0705      | A-42375-0705       | 27   | 42375-0723      | A-42375-0723 |
| 10                | 42375-0706      | A-42375-0706       | 28   | 42375-0724      | A-42375-0724 |
| 11                | 42375-0707      | A-42375-0707       | 29   | 42375-0725      | A-42375-0725 |
| 12                | 42375-0708      | A-42375-0708       | 30   | 42375-0726      | A-42375-0726 |
| 13                | 42375-0709      | A-42375-0709       | 31   | 42375-0727      | A-42375-0727 |
| 14                | 42375-0710      | A-42375-0710       | 32   | 42375-0728      | A-42375-0728 |
| 15                | 42375-0711      | A-42375-0711       | 33   | 42375-0729      | A-42375-0729 |
| 16                | 42375-0712      | A-42375-0712       | 34   | 42375-0730      | A-42375-0730 |
| 17                | 42375-0713      | A-42375-0713       | 35   | 42375-0731      | A-42375-0731 |
| 18                | 42375-0714      | A-42375-0714       | 36   | 42375-0732      | A-42375-0732 |
| 19                | 42375-0715      | A-42375-0715       |      |                 |              |

REV:

ECR/ECN INFORMATION:TITLE:SHEET No.**T19**EC No.: UCP2014-3273DATE: 8/7/2014

**KK 100 HEADER ASSY  
FLAT VERTICAL  
BREAKAWAY**

**- 11 -**DOCUMENT NUMBER:**SD- 42375-001**CREATED / REVISED BY:**MKIPPER**CHECKED BY:**NNGUYEN**APPROVED BY:**FSMITH**

ENG. NO: A-42375-0836/0870

|                   |                    |
|-------------------|--------------------|
| HEADER NUMBER:    | 42312-0036         |
| PIN NUMBER:       | 42663-BSA154       |
| PIN LENGTH: L     | .630 / 16.00       |
| MATING LENGTH: M  | .405/10.29         |
| GOLD POINT: G     | N/A                |
| PC TAIL LENGTH: P | .135/3.43          |
| TIN: T            | OVERALL            |
| CKTS:             | 2-36               |
| KINKS:            | SMES-42003         |
| VOIDED CKTS:      | NONE               |
| PACKAGING:        | BULK PK-40873-0041 |

| CKTS | MATERIAL<br>NUMBER | ENG<br>NUMBER | CKTS | MATERIAL<br>NUMBER | ENG<br>NUMBER |
|------|--------------------|---------------|------|--------------------|---------------|
| 02   |                    | A-42375-0836  | 20   | 22-30-3203         | A-42375-0854  |
| 03   | 22-30-3033         | A-42375-0837  | 21   | 22-30-3213         | A-42375-0855  |
| 04   | 22-30-3043         | A-42375-0838  | 22   | 22-30-3223         | A-42375-0856  |
| 05   | 22-30-3053         | A-42375-0839  | 23   | 22-30-3233         | A-42375-0857  |
| 06   | 22-30-3063         | A-42375-0840  | 24   | 22-30-3243         | A-42375-0858  |
| 07   | 22-30-3073         | A-42375-0841  | 25   | 22-30-3253         | A-42375-0859  |
| 08   | 22-30-3083         | A-42375-0842  | 26   | 22-30-3263         | A-42375-0860  |
| 09   | 22-30-3093         | A-42375-0843  | 27   | 22-30-3273         | A-42375-0861  |
| 10   | 22-30-3103         | A-42375-0844  | 28   | 22-30-3283         | A-42375-0862  |
| 11   | 22-30-3113         | A-42375-0845  | 29   | 22-30-3293         | A-42375-0863  |
| 12   | 22-30-3123         | A-42375-0846  | 30   | 22-30-3303         | A-42375-0864  |
| 13   | 22-30-3133         | A-42375-0847  | 31   | 22-30-3313         | A-42375-0865  |
| 14   | 22-30-3143         | A-42375-0848  | 32   | 22-30-3323         | A-42375-0866  |
| 15   | 22-30-3153         | A-42375-0849  | 33   | 22-30-3333         | A-42375-0867  |
| 16   | 22-30-3163         | A-42375-0850  | 34   | 22-30-3343         | A-42375-0868  |
| 17   | 22-30-3173         | A-42375-0851  | 35   | 22-30-3353         | A-42375-0869  |
| 18   | 22-30-3183         | A-42375-0852  | 36   | 22-30-3363         | A-42375-0870  |
| 19   | 22-30-3193         | A-42375-0853  |      |                    |               |
|      |                    |               |      |                    |               |

|                                                 |                                                                                                   |                                                                            |                                      |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|--------------------------------------|
| REV:<br><b>T19</b>                              | <u>ECR/ECN INFORMATION:</u><br><u>EC No.:</u> <b>UCP2014-3273</b><br><u>DATE:</u> <b>8/7/2014</b> | <u>TITLE:</u><br><b>KK 100 HEADER ASSY<br/>FLAT VERTICAL<br/>BREAKAWAY</b> | <u>SHEET No.</u><br><b>- 12 -</b>    |
| <u>DOCUMENT NUMBER:</u><br><b>SD- 42375-001</b> | <u>CREATED / REVISED BY:</u><br><b>MKIPPER</b>                                                    | <u>CHECKED BY:</u><br><b>NNGUYEN</b>                                       | <u>APPROVED BY:</u><br><b>FSMITH</b> |

ENG. NO: A-42375-0871/0904

| HEADER NUMBER:    |                 | 42312-0036         |      |                 |              |
|-------------------|-----------------|--------------------|------|-----------------|--------------|
| PIN NUMBER:       |                 | 42663-ATA154       |      |                 |              |
| PIN LENGTH: L     |                 | .530 / 13.46       |      |                 |              |
| MATING LENGTH: M  |                 | .320 / 8.13        |      |                 |              |
| GOLD POINT: G     |                 | N/A                |      |                 |              |
| PC TAIL LENGTH: P |                 | .120 / 3.05        |      |                 |              |
| TIN: T            |                 | OVERALL            |      |                 |              |
| CKTS:             |                 | 3-36               |      |                 |              |
| KINKS:            |                 | NO                 |      |                 |              |
| VOIDED CKTS:      |                 | 2                  |      |                 |              |
| PACKAGING:        |                 | BULK PK-40873-0041 |      |                 |              |
| CKTS              | MATERIAL NUMBER | ENG NUMBER         | CKTS | MATERIAL NUMBER | ENG NUMBER   |
| 02                |                 |                    | 20   | 22-30-3204      | A-42375-0888 |
| 03                | 22-30-3034      | A-42375-0871       | 21   | 22-30-3214      | A-42375-0889 |
| 04                | 22-30-3044      | A-42375-0872       | 22   | 22-30-3224      | A-42375-0890 |
| 05                | 22-30-3054      | A-42375-0873       | 23   | 22-30-3234      | A-42375-0891 |
| 06                | 22-30-3064      | A-42375-0874       | 24   | 22-30-3244      | A-42375-0892 |
| 07                | 22-30-3074      | A-42375-0875       | 25   | 22-30-3254      | A-42375-0893 |
| 08                | 22-30-3084      | A-42375-0876       | 26   | 22-30-3264      | A-42375-0894 |
| 09                | 22-30-3094      | A-42375-0877       | 27   | 22-30-3274      | A-42375-0895 |
| 10                | 22-30-3104      | A-42375-0878       | 28   | 22-30-3284      | A-42375-0896 |
| 11                | 22-30-3114      | A-42375-0879       | 29   | 22-30-3294      | A-42375-0897 |
| 12                | 22-30-3124      | A-42375-0880       | 30   | 22-30-3304      | A-42375-0898 |
| 13                | 22-30-3134      | A-42375-0881       | 31   | 22-30-3314      | A-42375-0899 |
| 14                | 22-30-3144      | A-42375-0882       | 32   | 22-30-3324      | A-42375-0900 |
| 15                | 22-30-3154      | A-42375-0883       | 33   | 22-30-3334      | A-42375-0901 |
| 16                | 22-30-3164      | A-42375-0884       | 34   | 22-30-3344      | A-42375-0902 |
| 17                | 22-30-3174      | A-42375-0885       | 35   | 22-30-3354      | A-42375-0903 |
| 18                | 22-30-3184      | A-42375-0886       | 36   | 22-30-3364      | A-42375-0904 |
| 19                | 22-30-3194      | A-42375-0887       |      |                 |              |
|                   |                 |                    |      |                 |              |

ENG. NO: A-42375-0973/1001

| HEADER NUMBER:    |                 | 42312-0036         |      |                 |              |
|-------------------|-----------------|--------------------|------|-----------------|--------------|
| PIN NUMBER:       |                 | 42663-ABA154       |      |                 |              |
| PIN LENGTH: L     |                 | .455 / 11.56       |      |                 |              |
| MATING LENGTH: M  |                 | .240 / 6.09        |      |                 |              |
| GOLD POINT: G     |                 | N/A                |      |                 |              |
| PC TAIL LENGTH: P |                 | .125 / 3.18        |      |                 |              |
| TIN: T            |                 | OVERALL            |      |                 |              |
| CKTS:             |                 | 8-36               |      |                 |              |
| KINKS:            |                 | NO                 |      |                 |              |
| VOIDED CKTS:      |                 | 3,8                |      |                 |              |
| PACKAGING:        |                 | BULK PK-40873-0041 |      |                 |              |
| CKTS              | MATERIAL NUMBER | ENG NUMBER         | CKTS | MATERIAL NUMBER | ENG NUMBER   |
| 02                |                 |                    | 20   | 42375-0985      | A-42375-0985 |
| 03                |                 |                    | 21   | 42375-0986      | A-42375-0986 |
| 04                |                 |                    | 22   | 42375-0987      | A-42375-0987 |
| 05                |                 |                    | 23   | 42375-0988      | A-42375-0988 |
| 06                |                 |                    | 24   | 42375-0989      | A-42375-0989 |
| 07                |                 |                    | 25   | 42375-0990      | A-42375-0990 |
| 08                | 42375-0973      | A-42375-0973       | 26   | 42375-0991      | A-42375-0991 |
| 09                | 42375-0974      | A-42375-0974       | 27   | 42375-0992      | A-42375-0992 |
| 10                | 22-30-3107      | A-42375-0975       | 28   | 42375-0993      | A-42375-0993 |
| 11                | 42375-0976      | A-42375-0976       | 29   | 42375-0994      | A-42375-0994 |
| 12                | 42375-0977      | A-42375-0977       | 30   | 42375-0995      | A-42375-0995 |
| 13                | 42375-0978      | A-42375-0978       | 31   | 42375-0996      | A-42375-0996 |
| 14                | 42375-0979      | A-42375-0979       | 32   | 42375-0997      | A-42375-0997 |
| 15                | 42375-0980      | A-42375-0980       | 33   | 42375-0998      | A-42375-0998 |
| 16                | 42375-0981      | A-42375-0981       | 34   | 42375-0999      | A-42375-0999 |
| 17                | 42375-0982      | A-42375-0982       | 35   | 42375-1000      | A-42375-1000 |
| 18                | 42375-0983      | A-42375-0983       | 36   | 42375-1001      | A-42375-1001 |
| 19                | 42375-0984      | A-42375-0984       |      |                 |              |

REV:

**T19**ECR/ECN INFORMATION:EC No.: **UCP2014-3273**DATE: **8/7/2014**TITLE:**KK 100 HEADER ASSY  
FLAT VERTICAL  
BREAKAWAY**SHEET No.**- 13 -**DOCUMENT NUMBER:**SD- 42375-001**CREATED / REVISED BY:**MKIPPER**CHECKED BY:**NNGUYEN**APPROVED BY:**FSMITH**

ENG. NO: A-42375-1105/1139

|                   |                    |
|-------------------|--------------------|
| HEADER NUMBER:    | 42312-0036         |
| PIN NUMBER:       | 42663-ABB208       |
| PIN LENGTH: L     | .455 / 11.56       |
| MATING LENGTH: M  | .240 / 6.09        |
| GOLD POINT: G     | .100 / 2.54        |
| PC TAIL LENGTH: P | .125 / 3.18        |
| TIN: T            | .100 / 2.54        |
| CKTS:             | 2-36               |
| KINKS:            | NO                 |
| VOIDED CKTS:      | 2                  |
| PACKAGING:        | BULK PK-40873-0041 |

| CKTS | MATERIAL<br>NUMBER | ENG<br>NUMBER | CKTS | MATERIAL<br>NUMBER | ENG<br>NUMBER |
|------|--------------------|---------------|------|--------------------|---------------|
| 02   | 42375-1105         | A-42375-1105  | 20   | 42375-1123         | A-42375-1123  |
| 03   | 42375-1106         | A-42375-1106  | 21   | 42375-1124         | A-42375-1124  |
| 04   | 42375-1107         | A-42375-1107  | 22   | 42375-1125         | A-42375-1125  |
| 05   | 42375-1108         | A-42375-1108  | 23   | 42375-1126         | A-42375-1126  |
| 06   | 42375-1109         | A-42375-1109  | 24   | 42375-1127         | A-42375-1127  |
| 07   | 42375-1110         | A-42375-1110  | 25   | 42375-1128         | A-42375-1128  |
| 08   | 42375-1111         | A-42375-1111  | 26   | 42375-1129         | A-42375-1129  |
| 09   | 22-30-3099         | A-42375-1112  | 27   | 42375-1130         | A-42375-1130  |
| 10   | 42375-1113         | A-42375-1113  | 28   | 42375-1131         | A-42375-1131  |
| 11   | 42375-1114         | A-42375-1114  | 29   | 42375-1132         | A-42375-1132  |
| 12   | 42375-1115         | A-42375-1115  | 30   | 42375-1133         | A-42375-1133  |
| 13   | 42375-1116         | A-42375-1116  | 31   | 42375-1134         | A-42375-1134  |
| 14   | 42375-1117         | A-42375-1117  | 32   | 42375-1135         | A-42375-1135  |
| 15   | 42375-1118         | A-42375-1118  | 33   | 42375-1136         | A-42375-1136  |
| 16   | 42375-1119         | A-42375-1119  | 34   | 42375-1137         | A-42375-1137  |
| 17   | 42375-1120         | A-42375-1120  | 35   | 42375-1138         | A-42375-1138  |
| 18   | 42375-1121         | A-42375-1121  | 36   | 42375-1139         | A-42375-1139  |
| 19   | 42375-1122         | A-42375-1122  |      |                    |               |

ENG. NO: 42375-1244/1278

|                   |                    |
|-------------------|--------------------|
| HEADER NUMBER:    | 42312-0036         |
| PIN NUMBER:       | 42663-ABA154       |
| PIN LENGTH: L     | .455 / 11.56       |
| MATING LENGTH: M  | .240 / 6.09        |
| GOLD POINT: G     | N/A                |
| PC TAIL LENGTH: P | .125 / 3.18        |
| TIN: T            | OVERALL            |
| CKTS:             | 2-36               |
| KINKS:            | NO                 |
| VOIDED CKTS:      | 2                  |
| PACKAGING:        | BULK PK-40873-0041 |

| CKTS | ITEM<br>NUMBER | CKTS | ITEM<br>NUMBER |
|------|----------------|------|----------------|
| 02   | 42375-1244     | 20   | 42375-1262     |
| 03   | 42375-1245     | 21   | 42375-1263     |
| 04   | 42375-1246     | 22   | 42375-1264     |
| 05   | 42375-1247     | 23   | 42375-1265     |
| 06   | 42375-1248     | 24   | 42375-1266     |
| 07   | 42375-1249     | 25   | 42375-1267     |
| 08   | 42375-1250     | 26   | 42375-1268     |
| 09   | 42375-1251     | 27   | 42375-1269     |
| 10   | 42375-1252     | 28   | 42375-1270     |
| 11   | 42375-1253     | 29   | 42375-1271     |
| 12   | 42375-1254     | 30   | 42375-1272     |
| 13   | 42375-1255     | 31   | 42375-1273     |
| 14   | 42375-1256     | 32   | 42375-1274     |
| 15   | 42375-1257     | 33   | 42375-1275     |
| 16   | 42375-1258     | 34   | 42375-1276     |
| 17   | 42375-1259     | 35   | 42375-1277     |
| 18   | 42375-1260     | 36   | 42375-1278     |
| 19   | 42375-1261     |      |                |

REV:

**T19**ECR/ECN INFORMATION:EC No.: **UCP2014-3273**DATE: **8/7/2014**TITLE:**KK 100 HEADER ASSY  
FLAT VERTICAL  
BREAKAWAY**SHEET No.**- 14 -**DOCUMENT NUMBER:**SD- 42375-001**CREATED / REVISED BY:**MKIPPER**CHECKED BY:**NNGUYEN**APPROVED BY:**FSMITH**

ENG. NO: 42375-1349/1382

|                   |                |                    |                |
|-------------------|----------------|--------------------|----------------|
| HEADER NUMBER:    |                | 42312-0036         |                |
| PIN NUMBER:       |                | 42663-ABA154       |                |
| PIN LENGTH: L     |                | .455 / 11.56       |                |
| MATING LENGTH: M  |                | .230 / 5.84        |                |
| GOLD POINT: G     |                | N/A                |                |
| PC TAIL LENGTH: P |                | .135 / 3.43        |                |
| TIN: T            |                | OVERALL            |                |
| CKTS:             |                | 3-36               |                |
| KINKS:            |                | SMES-42003         |                |
| VOIDED CKTS:      |                | 2                  |                |
| PACKAGING:        |                | BULK PK-40873-0041 |                |
| CKTS              | ITEM<br>NUMBER | CKTS               | ITEM<br>NUMBER |
| 02                |                | 20                 | 42375-1366     |
| 03                | 42375-1349     | 21                 | 42375-1367     |
| 04                | 42375-1350     | 22                 | 42375-1368     |
| 05                | 42375-1351     | 23                 | 42375-1369     |
| 06                | 42375-1352     | 24                 | 42375-1370     |
| 07                | 42375-1353     | 25                 | 42375-1371     |
| 08                | 42375-1354     | 26                 | 42375-1372     |
| 09                | 42375-1355     | 27                 | 42375-1373     |
| 10                | 42375-1356     | 28                 | 42375-1374     |
| 11                | 42375-1357     | 29                 | 42375-1375     |
| 12                | 42375-1358     | 30                 | 42375-1376     |
| 13                | 42375-1359     | 31                 | 42375-1377     |
| 14                | 42375-1360     | 32                 | 42375-1378     |
| 15                | 42375-1361     | 33                 | 42375-1379     |
| 16                | 42375-1362     | 34                 | 42375-1380     |
| 17                | 42375-1363     | 35                 | 42375-1381     |
| 18                | 42375-1364     | 36                 | 42375-1382     |
| 19                | 42375-1365     |                    |                |

ENG. NO: 42375-1515/1548

|                   |                |                    |                |
|-------------------|----------------|--------------------|----------------|
| HEADER NUMBER:    |                | 42312-0036         |                |
| PIN NUMBER:       |                | 42663-ABB208       |                |
| PIN LENGTH: L     |                | .455 / 11.56       |                |
| MATING LENGTH: M  |                | .230 / 5.84        |                |
| GOLD POINT: G     |                | .140 / 3.56        |                |
| PC TAIL LENGTH: P |                | .135 / 3.43        |                |
| TIN: T            |                | .100 / 2.54        |                |
| CKTS:             |                | 3-36               |                |
| KINKS:            |                | SMES-42003         |                |
| VOIDED CKTS:      |                | 2                  |                |
| PACKAGING:        |                | BULK PK-40873-0041 |                |
| CKTS              | ITEM<br>NUMBER | CKTS               | ITEM<br>NUMBER |
| 02                |                | 20                 | 42375-1532     |
| 03                | 42375-1515     | 21                 | 42375-1533     |
| 04                | 42375-1516     | 22                 | 42375-1534     |
| 05                | 42375-1517     | 23                 | 42375-1535     |
| 06                | 42375-1518     | 24                 | 42375-1536     |
| 07                | 42375-1519     | 25                 | 42375-1537     |
| 08                | 42375-1520     | 26                 | 42375-1538     |
| 09                | 42375-1521     | 27                 | 42375-1539     |
| 10                | 42375-1522     | 28                 | 42375-1540     |
| 11                | 42375-1523     | 29                 | 42375-1541     |
| 12                | 42375-1524     | 30                 | 42375-1542     |
| 13                | 42375-1525     | 31                 | 42375-1543     |
| 14                | 42375-1526     | 32                 | 42375-1544     |
| 15                | 42375-1527     | 33                 | 42375-1545     |
| 16                | 42375-1528     | 34                 | 42375-1546     |
| 17                | 42375-1529     | 35                 | 42375-1547     |
| 18                | 42375-1530     | 36                 | 42375-1548     |
| 19                | 42375-1531     |                    |                |

|                      |                       |                                                           |               |
|----------------------|-----------------------|-----------------------------------------------------------|---------------|
| REV:                 | ECR/ECN INFORMATION:  | TITLE:                                                    | SHEET No.     |
| <b>T19</b>           | EC No.: UCP2014-3273  | <b>KK 100 HEADER ASSY<br/>FLAT VERTICAL<br/>BREAKAWAY</b> | <b>- 15 -</b> |
|                      | DATE: 8/7/2014        |                                                           |               |
| DOCUMENT NUMBER:     | CREATED / REVISED BY: | CHECKED BY:                                               | APPROVED BY:  |
| <b>SD- 42375-001</b> | <b>MKIPPER</b>        | <b>NNGUYEN</b>                                            | <b>FSMITH</b> |

ENG. NO: 42375-1720/1753

|                   |                |                    |                |
|-------------------|----------------|--------------------|----------------|
| HEADER NUMBER:    |                | 42312-0036         |                |
| PIN NUMBER:       |                | 42663-ABB208       |                |
| PIN LENGTH: L     |                | .455 / 11.56       |                |
| MATING LENGTH: M  |                | .240 / 6.09        |                |
| GOLD POINT: G     |                | .140 / 3.56        |                |
| PC TAIL LENGTH: P |                | .125 / 3.18        |                |
| TIN: T            |                | .100 / 2.54        |                |
| CKTS:             |                | 3-36               |                |
| KINKS:            |                | NO                 |                |
| VOIDED CKTS:      |                | 3                  |                |
| PACKAGING:        |                | BULK PK-40873-0041 |                |
| CKTS              | ITEM<br>NUMBER | CKTS               | ITEM<br>NUMBER |
| 02                |                | 20                 | 42375-1737     |
| 03                | 42375-1720     | 21                 | 42375-1738     |
| 04                | 42375-1721     | 22                 | 42375-1739     |
| 05                | 42375-1722     | 23                 | 42375-1740     |
| 06                | 42375-1723     | 24                 | 42375-1741     |
| 07                | 42375-1724     | 25                 | 42375-1742     |
| 08                | 42375-1725     | 26                 | 42375-1743     |
| 09                | 42375-1726     | 27                 | 42375-1744     |
| 10                | 42375-1727     | 28                 | 42375-1745     |
| 11                | 42375-1728     | 29                 | 42375-1746     |
| 12                | 42375-1729     | 30                 | 42375-1747     |
| 13                | 42375-1730     | 31                 | 42375-1748     |
| 14                | 42375-1731     | 32                 | 42375-1749     |
| 15                | 42375-1732     | 33                 | 42375-1750     |
| 16                | 42375-1733     | 34                 | 42375-1751     |
| 17                | 42375-1734     | 35                 | 42375-1752     |
| 18                | 42375-1735     | 36                 | 42375-1753     |
| 19                | 42375-1736     |                    |                |

ENG. NO: 42375-1855/1889

|                   |                |                    |                |
|-------------------|----------------|--------------------|----------------|
| HEADER NUMBER:    |                | 42312-0036         |                |
| PIN NUMBER:       |                | 42663-CJA154       |                |
| PIN LENGTH: L     |                | .700 / 17.78       |                |
| MATING LENGTH: M  |                | .488 / 12.40       |                |
| GOLD POINT: G     |                | N/A                |                |
| PC TAIL LENGTH: P |                | .122 / 3.10        |                |
| TIN: T            |                | OVERALL            |                |
| CKTS:             |                | 2-36               |                |
| KINKS:            |                | NO                 |                |
| VOIDED CKTS:      |                | NONE               |                |
| PACKAGING:        |                | BULK PK-40873-0041 |                |
| CKTS              | ITEM<br>NUMBER | CKTS               | ITEM<br>NUMBER |
| 02                | 42375-1855     | 20                 | 42375-1873     |
| 03                | 42375-1856     | 21                 | 42375-1874     |
| 04                | 42375-1857     | 22                 | 42375-1875     |
| 05                | 42375-1858     | 23                 | 42375-1876     |
| 06                | 42375-1859     | 24                 | 42375-1877     |
| 07                | 42375-1860     | 25                 | 42375-1878     |
| 08                | 42375-1861     | 26                 | 42375-1879     |
| 09                | 42375-1862     | 27                 | 42375-1880     |
| 10                | 42375-1863     | 28                 | 42375-1881     |
| 11                | 42375-1864     | 29                 | 42375-1882     |
| 12                | 42375-1865     | 30                 | 42375-1883     |
| 13                | 42375-1866     | 31                 | 42375-1884     |
| 14                | 42375-1867     | 32                 | 42375-1885     |
| 15                | 42375-1868     | 33                 | 42375-1886     |
| 16                | 42375-1869     | 34                 | 42375-1887     |
| 17                | 42375-1870     | 35                 | 42375-1888     |
| 18                | 42375-1871     | 36                 | 42375-1889     |
| 19                | 42375-1872     |                    |                |

REV:

ECR/ECN INFORMATION:TITLE:SHEET No.**T19**EC No.: **UCP2014-3273**DATE: **8/7/2014****KK 100 HEADER ASSY  
FLAT VERTICAL  
BREAKAWAY****- 16 -**DOCUMENT NUMBER:**SD- 42375-001**CREATED / REVISED BY:**MKIPPER**CHECKED BY:**NNGUYEN**APPROVED BY:**FSMITH**

| ENG. NO: 42375-1922/1956 |                |                    |                |
|--------------------------|----------------|--------------------|----------------|
| HEADER NUMBER:           |                | 42312-0036         |                |
| PIN NUMBER:              |                | 42663-AEA154       |                |
| PIN LENGTH: L            |                | .470 / 11.94       |                |
| MATING LENGTH: M         |                | .190 / 4.83        |                |
| GOLD POINT: G            |                | N/A                |                |
| PC TAIL LENGTH: P        |                | .190 / 4.83        |                |
| TIN: T                   |                | .200 / 5.08        |                |
| CKTS:                    |                | 2-36               |                |
| KINKS:                   |                | NO                 |                |
| VOIDED CKTS:             |                | NONE               |                |
| PACKAGING:               |                | BULK PK-40873-0041 |                |
| CKTS                     | ITEM<br>NUMBER | CKTS               | ITEM<br>NUMBER |
| 02                       | 42375-1922     | 20                 | 42375-1940     |
| 03                       | 42375-1923     | 21                 | 42375-1941     |
| 04                       | 42375-1924     | 22                 | 42375-1942     |
| 05                       | 42375-1925     | 23                 | 42375-1943     |
| 06                       | 42375-1926     | 24                 | 42375-1944     |
| 07                       | 42375-1927     | 25                 | 42375-1945     |
| 08                       | 42375-1928     | 26                 | 42375-1946     |
| 09                       | 42375-1929     | 27                 | 42375-1947     |
| 10                       | 42375-1930     | 28                 | 42375-1948     |
| 11                       | 42375-1931     | 29                 | 42375-1949     |
| 12                       | 42375-1932     | 30                 | 42375-1950     |
| 13                       | 42375-1933     | 31                 | 42375-1951     |
| 14                       | 42375-1934     | 32                 | 42375-1952     |
| 15                       | 42375-1935     | 33                 | 42375-1953     |
| 16                       | 42375-1936     | 34                 | 42375-1954     |
| 17                       | 42375-1937     | 35                 | 42375-1955     |
| 18                       | 42375-1938     | 36                 | 42375-1956     |
| 19                       | 42375-1939     |                    |                |

| ENG. NO: 42375-2246/2275 |                |                    |                |
|--------------------------|----------------|--------------------|----------------|
| HEADER NUMBER:           |                | 42312-0036         |                |
| PIN NUMBER:              |                | 42663-ABA154       |                |
| PIN LENGTH: L            |                | .455 / 11.56       |                |
| MATING LENGTH: M         |                | .240 / 6.09        |                |
| GOLD POINT: G            |                | N/A                |                |
| PC TAIL LENGTH: P        |                | .125 / 3.18        |                |
| TIN: T                   |                | OVERALL            |                |
| CKTS:                    |                | 7-36               |                |
| KINKS:                   |                | NO                 |                |
| VOIDED CKTS:             |                | 2,7                |                |
| PACKAGING:               |                | BULK PK-40873-0041 |                |
| CKTS                     | ITEM<br>NUMBER | CKTS               | ITEM<br>NUMBER |
| 02                       |                | 20                 | 42375-2259     |
| 03                       |                | 21                 | 42375-2260     |
| 04                       |                | 22                 | 42375-2261     |
| 05                       |                | 23                 | 42375-2262     |
| 06                       |                | 24                 | 42375-2263     |
| 07                       | 42375-2246     | 25                 | 42375-2264     |
| 08                       | 42375-2247     | 26                 | 42375-2265     |
| 09                       | 42375-2248     | 27                 | 42375-2266     |
| 10                       | 42375-2249     | 28                 | 42375-2267     |
| 11                       | 42375-2250     | 29                 | 42375-2268     |
| 12                       | 42375-2251     | 30                 | 42375-2269     |
| 13                       | 42375-2252     | 31                 | 42375-2270     |
| 14                       | 42375-2253     | 32                 | 42375-2271     |
| 15                       | 42375-2254     | 33                 | 42375-2272     |
| 16                       | 42375-2255     | 34                 | 42375-2273     |
| 17                       | 42375-2256     | 35                 | 42375-2274     |
| 18                       | 42375-2257     | 36                 | 42375-2275     |
| 19                       | 42375-2258     |                    |                |

|                                                     |                                                                                                   |                                                                                |                                          |                                          |                                       |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|------------------------------------------|------------------------------------------|---------------------------------------|
| REV:<br><br><b>T19</b>                              | <u>ECR/ECN INFORMATION:</u><br><u>EC No.:</u> <b>UCP2014-3273</b><br><u>DATE:</u> <b>8/7/2014</b> | <u>TITLE:</u><br><br><b>KK 100 HEADER ASSY<br/>FLAT VERTICAL<br/>BREAKAWAY</b> |                                          |                                          | <u>SHEET No.</u><br><br><b>- 17 -</b> |
| <u>DOCUMENT NUMBER:</u><br><br><b>SD- 42375-001</b> |                                                                                                   | <u>CREATED / REVISED BY:</u><br><br><b>MKIPPER</b>                             | <u>CHECKED BY:</u><br><br><b>NNGUYEN</b> | <u>APPROVED BY:</u><br><br><b>FSMITH</b> |                                       |

ENG. NO: 42375-2486/2520

|                   |                |                    |                |
|-------------------|----------------|--------------------|----------------|
| HEADER NUMBER:    |                | 42312-0036         |                |
| PIN NUMBER:       |                | 42663-AFB208       |                |
| PIN LENGTH: L     |                | .475 / 12.07       |                |
| MATING LENGTH: M  |                | .232 / 5.89        |                |
| GOLD POINT: G     |                | .150 / 3.81        |                |
| PC TAIL LENGTH: P |                | .153 / 3.89        |                |
| TIN: T            |                | .100 / 2.54        |                |
| CKTS:             |                | 2-36               |                |
| KINKS:            |                | NO                 |                |
| VOIDED CKTS:      |                | NONE               |                |
| PACKAGING:        |                | BULK PK-40873-0041 |                |
| CKTS              | ITEM<br>NUMBER | CKTS               | ITEM<br>NUMBER |
| 02                | 42375-2486     | 19                 | 42375-2503     |
| 03                | 42375-2487     | 20                 | 42375-2504     |
|                   | 68300-2008     | 21                 | 42375-2505     |
| 04                | 42375-2488     | 22                 | 42375-2506     |
| 05                | 42375-2489     | 23                 | 42375-2507     |
| 06                | 42375-2490     | 24                 | 42375-2508     |
| 07                | 42375-2491     | 25                 | 42375-2509     |
| 08                | 42375-2492     | 26                 | 42375-2510     |
| 09                | 42375-2493     | 27                 | 42375-2511     |
| 10                | 42375-2494     | 28                 | 42375-2512     |
| 11                | 42375-2495     | 29                 | 42375-2513     |
| 12                | 42375-2496     | 30                 | 42375-2514     |
| 13                | 42375-2497     | 31                 | 42375-2515     |
| 14                | 42375-2498     | 32                 | 42375-2516     |
| 15                | 42375-2499     | 33                 | 42375-2517     |
| 16                | 42375-2500     | 34                 | 42375-2518     |
| 17                | 42375-2501     | 35                 | 42375-2519     |
| 18                | 42375-2502     | 36                 | 42375-2520     |

ENG. NO: 42375-2521/2555

|                   |                |                    |                |
|-------------------|----------------|--------------------|----------------|
| HEADER NUMBER:    |                | 42312-0036         |                |
| PIN NUMBER:       |                | 42663-AFB228       |                |
| PIN LENGTH: L     |                | .475 / 12.07       |                |
| MATING LENGTH: M  |                | .232 / 5.89        |                |
| GOLD POINT: G     |                | .150 / 3.81        |                |
| PC TAIL LENGTH: P |                | .153 / 3.89        |                |
| TIN: T            |                | .100 / 2.54        |                |
| CKTS:             |                | 2-36               |                |
| KINKS:            |                | NO                 |                |
| VOIDED CKTS:      |                | NONE               |                |
| PACKAGING:        |                | BULK PK-40873-0041 |                |
| CKTS              | ITEM<br>NUMBER | CKTS               | ITEM<br>NUMBER |
| 02                | 42375-2521     | 20                 | 42375-2539     |
| 03                | 42375-2522     | 21                 | 42375-2540     |
| 04                | 42375-2523     | 22                 | 42375-2541     |
| 05                | 42375-2524     | 23                 | 42375-2542     |
| 06                | 42375-2525     | 24                 | 42375-2543     |
| 07                | 42375-2526     | 25                 | 42375-2544     |
| 08                | 42375-2527     | 26                 | 42375-2545     |
| 09                | 42375-2528     | 27                 | 42375-2546     |
| 10                | 42375-2529     | 28                 | 42375-2547     |
| 11                | 42375-2530     | 29                 | 42375-2548     |
| 12                | 42375-2531     | 30                 | 42375-2549     |
| 13                | 42375-2532     | 31                 | 42375-2550     |
| 14                | 42375-2533     | 32                 | 42375-2551     |
| 15                | 42375-2534     | 33                 | 42375-2552     |
| 16                | 42375-2535     | 34                 | 42375-2553     |
| 17                | 42375-2536     | 35                 | 42375-2554     |
| 18                | 42375-2537     | 36                 | 42375-2555     |
| 19                | 42375-2538     |                    |                |

|                      |                             |                                                           |               |
|----------------------|-----------------------------|-----------------------------------------------------------|---------------|
| REV:                 | ECR/ECN INFORMATION:        | TITLE:                                                    | SHEET No.     |
| <b>T19</b>           | EC No.: <b>UCP2014-3273</b> | <b>KK 100 HEADER ASSY<br/>FLAT VERTICAL<br/>BREAKAWAY</b> | <b>- 18 -</b> |
|                      | DATE: <b>8/7/2014</b>       |                                                           |               |
| DOCUMENT NUMBER:     | CREATED / REVISED BY:       | CHECKED BY:                                               | APPROVED BY:  |
| <b>SD- 42375-001</b> | <b>MKIPPER</b>              | <b>NNGUYEN</b>                                            | <b>FSMITH</b> |

|                          |                |                    |                |
|--------------------------|----------------|--------------------|----------------|
| ENG. NO: 42375-2801/2835 |                |                    |                |
| HEADER NUMBER:           |                | 42312-0036         |                |
| PIN NUMBER:              |                | 42663-HDB228       |                |
| PIN LENGTH: L            |                | 1.200 / 30.48      |                |
| MATING LENGTH: M         |                | 1.000 / 25.40      |                |
| GOLD POINT: G            |                | .200 / 5.08        |                |
| PC TAIL LENGTH: P        |                | .110 / 2.79        |                |
| TIN: T                   |                | .200 / 5.08        |                |
| CKTS:                    |                | 2-36               |                |
| KINKS:                   |                | NO                 |                |
| VOIDED CKTS:             |                | NONE               |                |
| PACKAGING:               |                | BULK PK-40873-0043 |                |
| CKTS                     | ITEM<br>NUMBER | CKTS               | ITEM<br>NUMBER |
| 02                       | 42375-2801     | 20                 | 42375-2819     |
| 03                       | 42375-2802     | 21                 | 42375-2820     |
| 04                       | 42375-2803     | 22                 | 42375-2821     |
| 05                       | 42375-2804     | 23                 | 42375-2822     |
| 06                       | 42375-2805     | 24                 | 42375-2823     |
| 07                       | 42375-2806     | 25                 | 42375-2824     |
| 08                       | 42375-2807     | 26                 | 42375-2825     |
| 09                       | 42375-2808     | 27                 | 42375-2826     |
| 10                       | 42375-2809     | 28                 | 42375-2827     |
| 11                       | 42375-2810     | 29                 | 42375-2828     |
| 12                       | 42375-2811     | 30                 | 42375-2829     |
| 13                       | 42375-2812     | 31                 | 42375-2830     |
| 14                       | 42375-2813     | 32                 | 42375-2831     |
| 15                       | 42375-2814     | 33                 | 42375-2832     |
| 16                       | 42375-2815     | 34                 | 42375-2833     |
| 17                       | 42375-2816     | 35                 | 42375-2834     |
| 18                       | 42375-2817     | 36                 | 42375-2835     |
| 19                       | 42375-2818     |                    |                |

|                          |                |                    |                |
|--------------------------|----------------|--------------------|----------------|
| ENG. NO: 42375-2836/2870 |                |                    |                |
| HEADER NUMBER:           |                | 42312-0036         |                |
| PIN NUMBER:              |                | 42663-EMA154       |                |
| PIN LENGTH: L            |                | .925 / 23.50       |                |
| MATING LENGTH: M         |                | .625 / 15.88       |                |
| GOLD POINT: G            |                | N/A                |                |
| PC TAIL LENGTH: P        |                | .210 / 5.33        |                |
| TIN: T                   |                | OVERALL            |                |
| CKTS:                    |                | 2-36               |                |
| KINKS:                   |                | NO                 |                |
| VOIDED CKTS:             |                | NONE               |                |
| PACKAGING:               |                | BULK PK-40873-0041 |                |
| CKTS                     | ITEM<br>NUMBER | CKTS               | ITEM<br>NUMBER |
| 02                       | 42375-2836     | 20                 | 42375-2854     |
| 03                       | 42375-2837     | 21                 | 42375-2855     |
| 04                       | 42375-2838     | 22                 | 42375-2856     |
| 05                       | 42375-2839     | 23                 | 42375-2857     |
| 06                       | 42375-2840     | 24                 | 42375-2858     |
| 07                       | 42375-2841     | 25                 | 42375-2859     |
| 08                       | 42375-2842     | 26                 | 42375-2860     |
| 09                       | 42375-2843     | 27                 | 42375-2861     |
| 10                       | 42375-2844     | 28                 | 42375-2862     |
| 11                       | 42375-2845     | 29                 | 42375-2863     |
| 12                       | 42375-2846     | 30                 | 42375-2864     |
| 13                       | 42375-2847     | 31                 | 42375-2865     |
| 14                       | 42375-2848     | 32                 | 42375-2866     |
| 15                       | 42375-2849     | 33                 | 42375-2867     |
| 16                       | 42375-2850     | 34                 | 42375-2868     |
| 17                       | 42375-2851     | 35                 | 42375-2869     |
| 18                       | 42375-2852     | 36                 | 42375-2870     |
| 19                       | 42375-2853     |                    |                |

|                                                     |                                                                                                           |                                                                                |                                          |                                          |                                       |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|------------------------------------------|------------------------------------------|---------------------------------------|
| REV:<br><br><b>T19</b>                              | <u>ECR/ECN INFORMATION:</u><br><br><u>EC No.:</u> <b>UCP2014-3273</b><br><br><u>DATE:</u> <b>8/7/2014</b> | <u>TITLE:</u><br><br><b>KK 100 HEADER ASSY<br/>FLAT VERTICAL<br/>BREAKAWAY</b> |                                          |                                          | <u>SHEET No.</u><br><br><b>- 19 -</b> |
| <u>DOCUMENT NUMBER:</u><br><br><b>SD- 42375-001</b> |                                                                                                           | <u>CREATED / REVISED BY:</u><br><br><b>MKIPPER</b>                             | <u>CHECKED BY:</u><br><br><b>NNGUYEN</b> | <u>APPROVED BY:</u><br><br><b>FSMITH</b> |                                       |

ENG. NO: 42375-3044/3078

|                   |                |                    |                |
|-------------------|----------------|--------------------|----------------|
| HEADER NUMBER:    |                | 42312-0036         |                |
| PIN NUMBER:       |                | 42663-KHB208       |                |
| PIN LENGTH: L     |                | 1.430 / 36.32      |                |
| MATING LENGTH: M  |                | .867 / 22.02       |                |
| GOLD POINT: G     |                | .200 / 5.08        |                |
| PC TAIL LENGTH: P |                | .473 / 12.01       |                |
| TIN: T            |                | .200 / 5.08        |                |
| CKTS:             |                | 2-36               |                |
| KINKS:            |                | NO                 |                |
| VOIDED CKTS:      |                | NONE               |                |
| PACKAGING:        |                | BULK PK-40873-0043 |                |
| CKTS              | ITEM<br>NUMBER | CKTS               | ITEM<br>NUMBER |
| 02                | 42375-3044     | 20                 | 42375-3062     |
| 03                | 42375-3045     | 21                 | 42375-3063     |
| 04                | 42375-3046     | 22                 | 42375-3064     |
| 05                | 42375-3047     | 23                 | 42375-3065     |
| 06                | 42375-3048     | 24                 | 42375-3066     |
| 07                | 42375-3049     | 25                 | 42375-3067     |
| 08                | 42375-3050     | 26                 | 42375-3068     |
| 09                | 42375-3051     | 27                 | 42375-3069     |
| 10                | 42375-3052     | 28                 | 42375-3070     |
| 11                | 42375-3053     | 29                 | 42375-3071     |
| 12                | 42375-3054     | 30                 | 42375-3072     |
| 13                | 42375-3055     | 31                 | 42375-3073     |
| 14                | 42375-3056     | 32                 | 42375-3074     |
| 15                | 42375-3057     | 33                 | 42375-3075     |
| 16                | 42375-3058     | 34                 | 42375-3076     |
| 17                | 42375-3059     | 35                 | 42375-3077     |
| 18                | 42375-3060     | 36                 | 42375-3078     |
| 19                | 42375-3061     |                    |                |

ENG. NO: 42375-3114/3148

|                   |                |                    |                |
|-------------------|----------------|--------------------|----------------|
| HEADER NUMBER:    |                | 42312-0036         |                |
| PIN NUMBER:       |                | 42663-BXA154       |                |
| PIN LENGTH: L     |                | .645 / 16.38       |                |
| MATING LENGTH: M  |                | .431 / 10.95       |                |
| GOLD POINT: G     |                | N/A                |                |
| PC TAIL LENGTH: P |                | .124 / 3.15        |                |
| TIN: T            |                | OVERALL            |                |
| CKTS:             |                | 2-36               |                |
| KINKS:            |                | NO                 |                |
| VOIDED CKTS:      |                | NONE               |                |
| PACKAGING:        |                | BULK PK-40873-0041 |                |
| CKTS              | ITEM<br>NUMBER | CKTS               | ITEM<br>NUMBER |
| 02                | 42375-3114     | 20                 | 42375-3132     |
| 03                | 42375-3115     | 21                 | 42375-3133     |
| 04                | 42375-3116     | 22                 | 42375-3134     |
| 05                | 42375-3117     | 23                 | 42375-3135     |
| 06                | 42375-3118     | 24                 | 42375-3136     |
| 07                | 42375-3119     | 25                 | 42375-3137     |
| 08                | 42375-3120     | 26                 | 42375-3138     |
| 09                | 42375-3121     | 27                 | 42375-3139     |
| 10                | 42375-3122     | 28                 | 42375-3140     |
| 11                | 42375-3123     | 29                 | 42375-3141     |
| 12                | 42375-3124     | 30                 | 42375-3142     |
| 13                | 42375-3125     | 31                 | 42375-3143     |
| 14                | 42375-3126     | 32                 | 42375-3144     |
| 15                | 42375-3127     | 33                 | 42375-3145     |
| 16                | 42375-3128     | 34                 | 42375-3146     |
| 17                | 42375-3129     | 35                 | 42375-3147     |
| 18                | 42375-3130     | 36                 | 42375-3148     |
| 19                | 42375-3131     |                    |                |

REV:

ECR/ECN INFORMATION:TITLE:SHEET No.**T19**EC No.: **UCP2014-3273**DATE: **8/7/2014****KK 100 HEADER ASSY  
FLAT VERTICAL  
BREAKAWAY****- 20 -**DOCUMENT NUMBER:**SD- 42375-001**CREATED / REVISED BY:**MKIPPER**CHECKED BY:**NNGUYEN**APPROVED BY:**FSMITH**

| ENG. NO: 42375-3149 / 3183 |             |                    |             |
|----------------------------|-------------|--------------------|-------------|
| HEADER NUMBER:             |             | 42312-0036         |             |
| PIN NUMBER:                |             | 42663-BEB208       |             |
| PIN LENGTH: L              |             | .575 / 14.61       |             |
| MATING LENGTH: M           |             | .350 / 8.89        |             |
| GOLD POINT: G              |             | .200 / 5.08        |             |
| PC TAIL LENGTH: P          |             | .135 / 3.43        |             |
| TIN: T                     |             | .200 / 5.08        |             |
| CKTS:                      |             | 2-36               |             |
| KINKS:                     |             | NO                 |             |
| VOIDED CKTS:               |             | NONE               |             |
| PACKAGING:                 |             | BULK PK-40873-0041 |             |
| CKTS                       | ITEM NUMBER | CKTS               | ITEM NUMBER |
| 02                         | 42375-3149  | 20                 | 42375-3167  |
| 03                         | 42375-3150  | 21                 | 42375-3168  |
| 04                         | 42375-3151  | 22                 | 42375-3169  |
| 05                         | 42375-3152  | 23                 | 42375-3170  |
| 06                         | 42375-3153  | 24                 | 42375-3171  |
| 07                         | 42375-3154  | 25                 | 42375-3172  |
| 08                         | 42375-3155  | 26                 | 42375-3173  |
| 09                         | 42375-3156  | 27                 | 42375-3174  |
| 10                         | 42375-3157  | 28                 | 42375-3175  |
| 11                         | 42375-3158  | 29                 | 42375-3176  |
| 12                         | 42375-3159  | 30                 | 42375-3177  |
| 13                         | 42375-3160  | 31                 | 42375-3178  |
| 14                         | 42375-3161  | 32                 | 42375-3179  |
| 15                         | 42375-3162  | 33                 | 42375-3180  |
| 16                         | 42375-3163  | 34                 | 42375-3181  |
| 17                         | 42375-3164  | 35                 | 42375-3182  |
| 18                         | 42375-3165  | 36                 | 42375-3183  |
| 19                         | 42375-3166  |                    |             |

| ENG. NO: 42375-3184 / 3218 |             |                    |             |
|----------------------------|-------------|--------------------|-------------|
| HEADER NUMBER:             |             | 42312-0036         |             |
| PIN NUMBER:                |             | 42663-GNB208       |             |
| PIN LENGTH: L              |             | 1.140 / 28.96      |             |
| MATING LENGTH: M           |             | .913 / 23.20       |             |
| GOLD POINT: G              |             | .200 / 5.08        |             |
| PC TAIL LENGTH: P          |             | .137 / 3.48        |             |
| TIN: T                     |             | .200 / 5.08        |             |
| CKTS:                      |             | 2-36               |             |
| KINKS:                     |             | NO                 |             |
| VOIDED CKTS:               |             | NONE               |             |
| PACKAGING:                 |             | BULK PK-40873-0043 |             |
| CKTS                       | ITEM NUMBER | CKTS               | ITEM NUMBER |
| 02                         | 42375-3184  | 20                 | 42375-3202  |
| 03                         | 42375-3185  | 21                 | 42375-3203  |
| 04                         | 42375-3186  | 22                 | 42375-3204  |
| 05                         | 42375-3187  | 23                 | 42375-3205  |
| 06                         | 42375-3188  | 24                 | 42375-3206  |
| 07                         | 42375-3189  | 25                 | 42375-3207  |
| 08                         | 42375-3190  | 26                 | 42375-3208  |
| 09                         | 42375-3191  | 27                 | 42375-3209  |
| 10                         | 42375-3192  | 28                 | 42375-3210  |
| 11                         | 42375-3193  | 29                 | 42375-3211  |
| 12                         | 42375-3194  | 30                 | 42375-3212  |
| 13                         | 42375-3195  | 31                 | 42375-3213  |
| 14                         | 42375-3196  | 32                 | 42375-3214  |
| 15                         | 42375-3197  | 33                 | 42375-3215  |
| 16                         | 42375-3198  | 34                 | 42375-3216  |
| 17                         | 42375-3199  | 35                 | 42375-3217  |
| 18                         | 42375-3200  | 36                 | 42375-3218  |
| 19                         | 42375-3201  |                    |             |

| ENG. NO: 42375-3219 / 3253 |             |                    |             |
|----------------------------|-------------|--------------------|-------------|
| HEADER NUMBER:             |             | 42312-0036         |             |
| PIN NUMBER:                |             | 42663-BPA154       |             |
| PIN LENGTH: L              |             | .620 / 15.75       |             |
| MATING LENGTH: M           |             | .280 / 7.11        |             |
| GOLD POINT: G              |             | NA                 |             |
| PC TAIL LENGTH: P          |             | .250 / 6.35        |             |
| TIN: T                     |             | OVERALL            |             |
| CKTS:                      |             | 2-36               |             |
| KINKS:                     |             | NO                 |             |
| VOIDED CKTS:               |             | NONE               |             |
| PACKAGING:                 |             | BULK PK-40873-0041 |             |
| CKTS                       | ITEM NUMBER | CKTS               | ITEM NUMBER |
| 02                         | 42375-3219  | 20                 | 42375-3237  |
| 03                         | 42375-3220  | 21                 | 42375-3238  |
| 04                         | 42375-3221  | 22                 | 42375-3239  |
| 05                         | 42375-3222  | 23                 | 42375-3240  |
| 06                         | 42375-3223  | 24                 | 42375-3241  |
| 07                         | 42375-3224  | 25                 | 42375-3242  |
| 08                         | 42375-3225  | 26                 | 42375-3243  |
| 09                         | 42375-3226  | 27                 | 42375-3244  |
| 10                         | 42375-3227  | 28                 | 42375-3245  |
| 11                         | 42375-3228  | 29                 | 42375-3246  |
| 12                         | 42375-3229  | 30                 | 42375-3247  |
| 13                         | 42375-3230  | 31                 | 42375-3248  |
| 14                         | 42375-3231  | 32                 | 42375-3249  |
| 15                         | 42375-3232  | 33                 | 42375-3250  |
| 16                         | 42375-3233  | 34                 | 42375-3251  |
| 17                         | 42375-3234  | 35                 | 42375-3252  |
| 18                         | 42375-3235  | 36                 | 42375-3253  |
| 19                         | 42375-3236  |                    |             |

|                                                     |                                    |  |                                                                                |  |                                          |                                       |                                          |  |
|-----------------------------------------------------|------------------------------------|--|--------------------------------------------------------------------------------|--|------------------------------------------|---------------------------------------|------------------------------------------|--|
| REV:<br><br><b>T19</b>                              | <u>ECR/ECN INFORMATION:</u>        |  | <u>TITLE:</u><br><br><b>KK 100 HEADER ASSY<br/>FLAT VERTICAL<br/>BREAKAWAY</b> |  |                                          | <u>SHEET No.</u><br><br><b>- 21 -</b> |                                          |  |
|                                                     | <u>EC No.:</u> <b>UCP2014-3273</b> |  |                                                                                |  |                                          |                                       |                                          |  |
|                                                     | <u>DATE:</u> <b>8/7/2014</b>       |  |                                                                                |  |                                          |                                       |                                          |  |
| <u>DOCUMENT NUMBER:</u><br><br><b>SD- 42375-001</b> |                                    |  | <u>CREATED / REVISED BY:</u><br><br><b>MKIPPER</b>                             |  | <u>CHECKED BY:</u><br><br><b>NNGUYEN</b> |                                       | <u>APPROVED BY:</u><br><br><b>FSMITH</b> |  |

| ENG. NO: 42375-3254 / 3288 |             |                    |             |
|----------------------------|-------------|--------------------|-------------|
| HEADER NUMBER:             |             | 42312-0036         |             |
| PIN NUMBER:                |             | 42663-DMA154       |             |
| PIN LENGTH: L              |             | .820 / 20.83       |             |
| MATING LENGTH: M           |             | .590 / 14.99       |             |
| GOLD POINT: G              |             | NA                 |             |
| PC TAIL LENGTH: P          |             | .140 / 3.56        |             |
| TIN: T                     |             | OVERALL            |             |
| CKTS:                      |             | 2-36               |             |
| KINKS:                     |             | NO                 |             |
| VOIDED CKTS:               |             | NONE               |             |
| PACKAGING:                 |             | BULK PK-40873-0041 |             |
| CKTS                       | ITEM NUMBER | CKTS               | ITEM NUMBER |
| 02                         | 42375-3254  | 20                 | 42375-3272  |
| 03                         | 42375-3255  | 21                 | 42375-3273  |
| 04                         | 42375-3256  | 22                 | 42375-3274  |
| 05                         | 42375-3257  | 23                 | 42375-3275  |
| 06                         | 42375-3258  | 24                 | 42375-3276  |
| 07                         | 42375-3259  | 25                 | 42375-3277  |
| 08                         | 42375-3260  | 26                 | 42375-3278  |
| 09                         | 42375-3261  | 27                 | 42375-3279  |
| 10                         | 42375-3262  | 28                 | 42375-3280  |
| 11                         | 42375-3263  | 29                 | 42375-3281  |
| 12                         | 42375-3264  | 30                 | 42375-3282  |
| 13                         | 42375-3265  | 31                 | 42375-3283  |
| 14                         | 42375-3266  | 32                 | 42375-3284  |
| 15                         | 42375-3267  | 33                 | 42375-3285  |
| 16                         | 42375-3268  | 34                 | 42375-3286  |
| 17                         | 42375-3269  | 35                 | 42375-3287  |
| 18                         | 42375-3270  | 36                 | 42375-3288  |
| 19                         | 42375-3271  |                    |             |

| ENG. NO: 42375-3289 / 3323 |             |                    |             |
|----------------------------|-------------|--------------------|-------------|
| HEADER NUMBER:             |             | 42312-0036         |             |
| PIN NUMBER:                |             | 42663-FNA154       |             |
| PIN LENGTH: L              |             | 1.035 / 26.29      |             |
| MATING LENGTH: M           |             | .358 / 9.09        |             |
| GOLD POINT: G              |             | NA                 |             |
| PC TAIL LENGTH: P          |             | .587 / 14.91       |             |
| TIN: T                     |             | OVERALL            |             |
| CKTS:                      |             | 2-36               |             |
| KINKS:                     |             | NO                 |             |
| VOIDED CKTS:               |             | NONE               |             |
| PACKAGING:                 |             | BULK PK-40873-0043 |             |
| CKTS                       | ITEM NUMBER | CKTS               | ITEM NUMBER |
| 02                         | 42375-3289  | 20                 | 42375-3307  |
| 03                         | 42375-3290  | 21                 | 42375-3308  |
| 04                         | 42375-3291  | 22                 | 42375-3309  |
| 05                         | 42375-3292  | 23                 | 42375-3310  |
| 06                         | 42375-3293  | 24                 | 42375-3311  |
| 07                         | 42375-3294  | 25                 | 42375-3312  |
| 08                         | 42375-3295  | 26                 | 42375-3313  |
| 09                         | 42375-3296  | 27                 | 42375-3314  |
| 10                         | 42375-3297  | 28                 | 42375-3315  |
| 11                         | 42375-3298  | 29                 | 42375-3316  |
| 12                         | 42375-3299  | 30                 | 42375-3317  |
| 13                         | 42375-3300  | 31                 | 42375-3318  |
| 14                         | 42375-3301  | 32                 | 42375-3319  |
| 15                         | 42375-3302  | 33                 | 42375-3320  |
| 16                         | 42375-3303  | 34                 | 42375-3321  |
| 17                         | 42375-3304  | 35                 | 42375-3322  |
| 18                         | 42375-3305  | 36                 | 42375-3323  |
| 19                         | 42375-3306  |                    |             |

| ENG. NO: 42375-3324 / 3358 |             |                    |             |
|----------------------------|-------------|--------------------|-------------|
| HEADER NUMBER:             |             | 42312-0036         |             |
| PIN NUMBER:                |             | 42663-CCA154       |             |
| PIN LENGTH: L              |             | .670 / 17.02       |             |
| MATING LENGTH: M           |             | .440 / 11.18       |             |
| GOLD POINT: G              |             | NA                 |             |
| PC TAIL LENGTH: P          |             | .140 / 3.56        |             |
| TIN: T                     |             | OVERALL            |             |
| CKTS:                      |             | 2-36               |             |
| KINKS:                     |             | SMES-42003         |             |
| VOIDED CKTS:               |             | NONE               |             |
| PACKAGING:                 |             | BULK PK-40873-0041 |             |
| CKTS                       | ITEM NUMBER | CKTS               | ITEM NUMBER |
| 02                         | 42375-3324  | 20                 | 42375-3342  |
| 03                         | 42375-3325  | 21                 | 42375-3343  |
| 04                         | 42375-3326  | 22                 | 42375-3344  |
| 05                         | 42375-3327  | 23                 | 42375-3345  |
| 06                         | 42375-3328  | 24                 | 42375-3346  |
| 07                         | 42375-3329  | 25                 | 42375-3347  |
| 08                         | 42375-3330  | 26                 | 42375-3348  |
| 09                         | 42375-3331  | 27                 | 42375-3349  |
| 10                         | 42375-3332  | 28                 | 42375-3350  |
| 11                         | 42375-3333  | 29                 | 42375-3351  |
| 12                         | 42375-3334  | 30                 | 42375-3352  |
| 13                         | 42375-3335  | 31                 | 42375-3353  |
| 14                         | 42375-3336  | 32                 | 42375-3354  |
| 15                         | 42375-3337  | 33                 | 42375-3355  |
| 16                         | 42375-3338  | 34                 | 42375-3356  |
| 17                         | 42375-3339  | 35                 | 42375-3357  |
| 18                         | 42375-3340  | 36                 | 42375-3358  |
| 19                         | 42375-3341  |                    |             |

|                                                     |                                    |  |                                                                                |  |                                          |                                       |                                          |  |
|-----------------------------------------------------|------------------------------------|--|--------------------------------------------------------------------------------|--|------------------------------------------|---------------------------------------|------------------------------------------|--|
| REV:<br><br><b>T19</b>                              | <u>ECR/ECN INFORMATION:</u>        |  | <u>TITLE:</u><br><br><b>KK 100 HEADER ASSY<br/>FLAT VERTICAL<br/>BREAKAWAY</b> |  |                                          | <u>SHEET No.</u><br><br><b>- 22 -</b> |                                          |  |
|                                                     | <u>EC No.:</u> <b>UCP2014-3273</b> |  |                                                                                |  |                                          |                                       |                                          |  |
|                                                     | <u>DATE:</u> <b>8/7/2014</b>       |  |                                                                                |  |                                          |                                       |                                          |  |
| <u>DOCUMENT NUMBER:</u><br><br><b>SD- 42375-001</b> |                                    |  | <u>CREATED / REVISED BY:</u><br><br><b>MKIPPER</b>                             |  | <u>CHECKED BY:</u><br><br><b>NNGUYEN</b> |                                       | <u>APPROVED BY:</u><br><br><b>FSMITH</b> |  |

| ENG. NO: 42375-3359 / 3393 |             |                    |             |
|----------------------------|-------------|--------------------|-------------|
| HEADER NUMBER:             |             | 42312-0036         |             |
| PIN NUMBER:                |             | 42663-ABB228       |             |
| PIN LENGTH: L              |             | .455 / 11.56       |             |
| MATING LENGTH: M           |             | .170 / 4.32        |             |
| GOLD POINT: G              |             | .100 / 2.54        |             |
| PC TAIL LENGTH: P          |             | .195 / 4.95        |             |
| TIN: T                     |             | .100 / 2.54        |             |
| CKTS:                      |             | 2-36               |             |
| KINKS:                     |             | NO                 |             |
| VOIDED CKTS:               |             | NONE               |             |
| PACKAGING:                 |             | BULK PK-40873-0041 |             |
| CKTS                       | ITEM NUMBER | CKTS               | ITEM NUMBER |
| 02                         | 42375-3359  | 20                 | 42375-3377  |
| 03                         | 42375-3360  | 21                 | 42375-3378  |
| 04                         | 42375-3361  | 22                 | 42375-3379  |
| 05                         | 42375-3362  | 23                 | 42375-3380  |
| 06                         | 42375-3363  | 24                 | 42375-3381  |
| 07                         | 42375-3364  | 25                 | 42375-3382  |
| 08                         | 42375-3365  | 26                 | 42375-3383  |
| 09                         | 42375-3366  | 27                 | 42375-3384  |
| 10                         | 42375-3367  | 28                 | 42375-3385  |
| 11                         | 42375-3368  | 29                 | 42375-3386  |
| 12                         | 42375-3369  | 30                 | 42375-3387  |
| 13                         | 42375-3370  | 31                 | 42375-3388  |
| 14                         | 42375-3371  | 32                 | 42375-3389  |
| 15                         | 42375-3372  | 33                 | 42375-3390  |
| 16                         | 42375-3373  | 34                 | 42375-3391  |
| 17                         | 42375-3374  | 35                 | 42375-3392  |
| 18                         | 42375-3375  | 36                 | 42375-3393  |
| 19                         | 42375-3376  |                    |             |

| ENG. NO: 42375-3394 / 3428 |             |                    |             |
|----------------------------|-------------|--------------------|-------------|
| HEADER NUMBER:             |             | 42312-0036         |             |
| PIN NUMBER:                |             | 42663-EZB208       |             |
| PIN LENGTH: L              |             | .970/24.64         |             |
| MATING LENGTH: M           |             | .780/19.81         |             |
| GOLD POINT: G              |             | .200/5.08          |             |
| PC TAIL LENGTH: P          |             | .100/ 2.54         |             |
| TIN: T                     |             | .200/5.08          |             |
| CKTS:                      |             | 2-36               |             |
| KINKS:                     |             | NO                 |             |
| VOIDED CKTS:               |             | NONE               |             |
| PACKAGING:                 |             | BULK PK-40873-0043 |             |
| CKTS                       | ITEM NUMBER | CKTS               | ITEM NUMBER |
| 02                         | 42375-3394  | 20                 | 42375-3412  |
| 03                         | 42375-3395  | 21                 | 42375-3413  |
| 04                         | 42375-3396  | 22                 | 42375-3414  |
| 05                         | 42375-3397  | 23                 | 42375-3415  |
| 06                         | 42375-3398  | 24                 | 42375-3416  |
| 07                         | 42375-3399  | 25                 | 42375-3417  |
| 08                         | 42375-3400  | 26                 | 42375-3418  |
| 09                         | 42375-3401  | 27                 | 42375-3419  |
| 10                         | 42375-3402  | 28                 | 42375-3420  |
| 11                         | 42375-3403  | 29                 | 42375-3421  |
| 12                         | 42375-3404  | 30                 | 42375-3422  |
| 13                         | 42375-3405  | 31                 | 42375-3423  |
| 14                         | 42375-3406  | 32                 | 42375-3424  |
| 15                         | 42375-3407  | 33                 | 42375-3425  |
| 16                         | 42375-3408  | 34                 | 42374-3426  |
| 17                         | 42375-3409  | 35                 | 42375-3427  |
| 18                         | 42375-3410  | 36                 | 42375-3428  |
| 19                         | 42375-3411  |                    |             |

| ENG. NO: 42375-3429 / 3463 |             |                    |             |
|----------------------------|-------------|--------------------|-------------|
| HEADER NUMBER:             |             | 42312-0036         |             |
| PIN NUMBER:                |             | 42663-ARA154       |             |
| PIN LENGTH: L              |             | .520/13.21         |             |
| MATING LENGTH: M           |             | .386/9.80          |             |
| GOLD POINT: G              |             | N/A                |             |
| PC TAIL LENGTH: P          |             | .044/1.12          |             |
| TIN: T                     |             | OVERALL            |             |
| CKTS:                      |             | 2-36               |             |
| KINKS:                     |             | NO                 |             |
| VOIDED CKTS:               |             | NONE               |             |
| PACKAGING:                 |             | BULK PK-40873-0041 |             |
| CKTS                       | ITEM NUMBER | CKTS               | ITEM NUMBER |
| 02                         | 42375-3429  | 20                 | 42375-3447  |
| 03                         | 42375-3430  | 21                 | 42375-3448  |
| 04                         | 42375-3431  | 22                 | 42375-3449  |
| 05                         | 42375-3432  | 23                 | 42375-3450  |
| 06                         | 42375-3433  | 24                 | 42375-3451  |
| 07                         | 42375-3434  | 25                 | 42375-3452  |
| 08                         | 42375-3435  | 26                 | 42375-3453  |
| 09                         | 42375-3436  | 27                 | 42375-3454  |
| 10                         | 42375-3437  | 28                 | 42375-3455  |
| 11                         | 42375-3438  | 29                 | 42375-3456  |
| 12                         | 42375-3439  | 30                 | 42375-3457  |
| 13                         | 42375-3440  | 31                 | 42375-3458  |
| 14                         | 42375-3441  | 32                 | 42375-3459  |
| 15                         | 42375-3442  | 33                 | 42375-3460  |
| 16                         | 42375-3443  | 34                 | 42374-3461  |
| 17                         | 42375-3444  | 35                 | 42375-3462  |
| 18                         | 42375-3445  | 36                 | 42375-3463  |
| 19                         | 42375-3446  |                    |             |

|                                                     |                                    |  |                                                                                |  |                                          |                  |                                          |  |
|-----------------------------------------------------|------------------------------------|--|--------------------------------------------------------------------------------|--|------------------------------------------|------------------|------------------------------------------|--|
| REV:<br><br><b>T19</b>                              | <u>ECR/ECN INFORMATION:</u>        |  | <u>TITLE:</u><br><br><b>KK 100 HEADER ASSY<br/>FLAT VERTICAL<br/>BREAKAWAY</b> |  |                                          | <u>SHEET No.</u> |                                          |  |
|                                                     | <u>EC No.:</u> <b>UCP2014-3273</b> |  |                                                                                |  |                                          | <b>- 23 -</b>    |                                          |  |
|                                                     | <u>DATE:</u> <b>8/7/2014</b>       |  |                                                                                |  |                                          |                  |                                          |  |
| <u>DOCUMENT NUMBER:</u><br><br><b>SD- 42375-001</b> |                                    |  | <u>CREATED / REVISED BY:</u><br><br><b>MKIPPER</b>                             |  | <u>CHECKED BY:</u><br><br><b>NNGUYEN</b> |                  | <u>APPROVED BY:</u><br><br><b>FSMITH</b> |  |

| ENG. NO: 42375-3464 / 3498 |             |                    |             |
|----------------------------|-------------|--------------------|-------------|
| HEADER NUMBER:             |             | 42312-0036         |             |
| PIN NUMBER:                |             | 42663-CJA154       |             |
| PIN LENGTH: L              |             | .700/17.78         |             |
| MATING LENGTH: M           |             | .500/12.70         |             |
| GOLD POINT: G              |             | N/A                |             |
| PC TAIL LENGTH: P          |             | .110/2.79          |             |
| TIN: T                     |             | OVERALL            |             |
| CKTS:                      |             | 2-36               |             |
| KINKS:                     |             | NO                 |             |
| VOIDED CKTS:               |             | # 2                |             |
| PACKAGING:                 |             | BULK PK-40873-0041 |             |
| CKTS                       | ITEM NUMBER | CKTS               | ITEM NUMBER |
| 02                         | 42375-3464  | 20                 | 42375-3482  |
| 03                         | 42375-3465  | 21                 | 42375-3483  |
| 04                         | 42375-3466  | 22                 | 42375-3484  |
| 05                         | 42375-3467  | 23                 | 42375-3485  |
| 06                         | 42375-3468  | 24                 | 42375-3486  |
| 07                         | 42375-3469  | 25                 | 42375-3487  |
| 08                         | 42375-3470  | 26                 | 42375-3488  |
| 09                         | 42375-3471  | 27                 | 42375-3489  |
| 10                         | 42375-3472  | 28                 | 42375-3490  |
| 11                         | 42375-3473  | 29                 | 42375-3491  |
| 12                         | 42375-3474  | 30                 | 42375-3492  |
| 13                         | 42375-3475  | 31                 | 42375-3493  |
| 14                         | 42375-3476  | 32                 | 42375-3494  |
| 15                         | 42375-3477  | 33                 | 42375-3495  |
| 16                         | 42375-3478  | 34                 | 42375-3496  |
| 17                         | 42375-3479  | 35                 | 42375-3497  |
| 18                         | 42375-3480  | 36                 | 42375-3498  |
| 19                         | 42375-3481  |                    |             |

| ENG. NO: 42375-3499/3533 |             |                    |             |
|--------------------------|-------------|--------------------|-------------|
| HEADER NUMBER:           |             | 42312-0036         |             |
| PIN NUMBER:              |             | 42663-ETA154       |             |
| PIN LENGTH: L            |             | .950/24.13         |             |
| MATING LENGTH: M         |             | .750/19.05         |             |
| GOLD POINT: G            |             | N/A                |             |
| PC TAIL LENGTH: P        |             | .110/2.79          |             |
| TIN: T                   |             | OVERALL            |             |
| CKTS:                    |             | 2-36               |             |
| KINKS:                   |             | NO                 |             |
| VOIDED CKTS:             |             | NONE               |             |
| PACKAGING:               |             | BULK PK-40873-0043 |             |
| CKTS                     | ITEM NUMBER | CKTS               | ITEM NUMBER |
| 02                       | 42375-3499  | 20                 | 42375-3517  |
| 03                       | 42375-3500  | 21                 | 42375-3518  |
| 04                       | 42375-3501  | 22                 | 42375-3519  |
| 05                       | 42375-3502  | 23                 | 42375-3520  |
| 06                       | 42375-3503  | 24                 | 42375-3521  |
| 07                       | 42375-3504  | 25                 | 42375-3522  |
| 08                       | 42375-3505  | 26                 | 42375-3523  |
| 09                       | 42375-3506  | 27                 | 42375-3524  |
| 10                       | 42375-3507  | 28                 | 42375-3525  |
| 11                       | 42375-3508  | 29                 | 42375-3526  |
| 12                       | 42375-3509  | 30                 | 42375-3527  |
| 13                       | 42375-3510  | 31                 | 42375-3528  |
| 14                       | 42375-3511  | 32                 | 42375-3529  |
| 15                       | 42375-3512  | 33                 | 42375-3530  |
| 16                       | 42375-3513  | 34                 | 42375-3531  |
| 17                       | 42375-3514  | 35                 | 42375-3532  |
| 18                       | 42375-3515  | 36                 | 42375-3533  |
| 19                       | 42375-3516  |                    |             |

| ENG. NO: 42375-3534/3568 |             |                    |             |
|--------------------------|-------------|--------------------|-------------|
| HEADER NUMBER:           |             | 42312-0036         |             |
| PIN NUMBER:              |             | 42663-AWB208       |             |
| PIN LENGTH: L            |             | .535/13.59         |             |
| MATING LENGTH: M         |             | .235/5.97          |             |
| GOLD POINT: G            |             | .200/5.08          |             |
| PC TAIL LENGTH: P        |             | .210/5.33          |             |
| TIN: T                   |             | .100/2.54          |             |
| CKTS:                    |             | 2-36               |             |
| KINKS:                   |             | NO                 |             |
| VOIDED CKTS:             |             | NONE               |             |
| PACKAGING:               |             | BULK PK-40873-0041 |             |
| CKTS                     | ITEM NUMBER | CKTS               | ITEM NUMBER |
| 02                       | 42375-3534  | 20                 | 42375-3552  |
| 03                       | 42375-3535  | 21                 | 42375-3553  |
| 04                       | 42375-3536  | 22                 | 42375-3554  |
| 05                       | 42375-3537  | 23                 | 42375-3555  |
| 06                       | 42375-3538  | 24                 | 42375-3556  |
| 07                       | 42375-3539  | 25                 | 42375-3557  |
| 08                       | 42375-3540  | 26                 | 42375-3558  |
| 09                       | 42375-3541  | 27                 | 42375-3559  |
| 10                       | 42375-3542  | 28                 | 42375-3560  |
| 11                       | 42375-3543  | 29                 | 42375-3561  |
| 12                       | 42375-3544  | 30                 | 42375-3562  |
| 13                       | 42375-3545  | 31                 | 42375-3563  |
| 14                       | 42375-3546  | 32                 | 42375-3564  |
| 15                       | 42375-3547  | 33                 | 42375-3565  |
| 16                       | 42375-3548  | 34                 | 42375-3566  |
| 17                       | 42375-3549  | 35                 | 42375-3567  |
| 18                       | 42375-3550  | 36                 | 42375-3568  |
| 19                       | 42375-3551  |                    |             |

|                                                     |                                    |  |                                                                                |                                          |                                          |
|-----------------------------------------------------|------------------------------------|--|--------------------------------------------------------------------------------|------------------------------------------|------------------------------------------|
| REV:<br><br><b>T19</b>                              | <u>ECR/ECN INFORMATION:</u>        |  | <u>TITLE:</u><br><br><b>KK 100 HEADER ASSY<br/>FLAT VERTICAL<br/>BREAKAWAY</b> |                                          | <u>SHEET No.</u><br><br><b>- 24 -</b>    |
|                                                     | <u>EC No.:</u> <b>UCP2014-3273</b> |  |                                                                                |                                          |                                          |
|                                                     | <u>DATE:</u> <b>8/7/2014</b>       |  |                                                                                |                                          |                                          |
| <u>DOCUMENT NUMBER:</u><br><br><b>SD- 42375-001</b> |                                    |  | <u>CREATED / REVISED BY:</u><br><br><b>MKIPPER</b>                             | <u>CHECKED BY:</u><br><br><b>NNGUYEN</b> | <u>APPROVED BY:</u><br><br><b>FSMITH</b> |

ENG. NO: A-42375-3569/3603

| HEADER NUMBER:    | 42312-0036         |            |      |                 |            |
|-------------------|--------------------|------------|------|-----------------|------------|
| PIN NUMBER:       | 42663-ABB208       |            |      |                 |            |
| PIN LENGTH: L     | .455 / 11.56       |            |      |                 |            |
| MATING LENGTH: M  | .240 / 6.09        |            |      |                 |            |
| GOLD POINT: G     | .100 / 2.54        |            |      |                 |            |
| PC TAIL LENGTH: P | .125 / 3.18        |            |      |                 |            |
| TIN: T            | .100 / 2.54        |            |      |                 |            |
| CKTS:             | 4-36               |            |      |                 |            |
| KINKS:            | NO                 |            |      |                 |            |
| VOIDED CKTS:      | 5                  |            |      |                 |            |
| PACKAGING:        | BULK PK-40873-0041 |            |      |                 |            |
| CKTS              | MATERIAL NUMBER    | ENG NUMBER | CKTS | MATERIAL NUMBER | ENG NUMBER |
| 02                |                    |            | 20   | 423753587       | 42375-3587 |
| 03                |                    |            | 21   | 423753588       | 42375-3588 |
| 04                |                    |            | 22   | 423753589       | 42375-3589 |
| 05                | 423753572          | 42375-3572 | 23   | 423753590       | 42375-3590 |
| 06                | 423753573          | 42375-3573 | 24   | 423753591       | 42375-3591 |
| 07                | 423753574          | 42375-3574 | 25   | 423753592       | 42375-3592 |
| 08                | 423753575          | 42375-3575 | 26   | 423753593       | 42375-3593 |
| 09                | 423753576          | 42375-3576 | 27   | 423753594       | 42375-3594 |
| 10                | 423753577          | 42375-3577 | 28   | 423753595       | 42375-3595 |
| 11                | 423753578          | 42375-3578 | 29   | 423753596       | 42375-3596 |
| 12                | 423753579          | 42375-3579 | 30   | 423753597       | 42375-3597 |
| 13                | 423753580          | 42375-3580 | 31   | 423753598       | 42375-3598 |
| 14                | 423753581          | 42375-3581 | 32   | 423753599       | 42375-3599 |
| 15                | 423753582          | 42375-3582 | 33   | 423753600       | 42375-3600 |
| 16                | 423753583          | 42375-3583 | 34   | 423753601       | 42375-3601 |
| 17                | 423753584          | 42375-3584 | 35   | 423753602       | 42375-3602 |
| 18                | 423753585          | 42375-3585 | 36   | 423753603       | 42375-3603 |
| 19                | 423753586          | 42375-3586 |      |                 |            |

ENG. NO: A-42375-2974/3008

| HEADER NUMBER:    | 42312-0036         |            |      |                 |             |
|-------------------|--------------------|------------|------|-----------------|-------------|
| PIN NUMBER:       | 42663-FKB228       |            |      |                 |             |
| PIN LENGTH: L     | 1.020 / 25.91      |            |      |                 |             |
| MATING LENGTH: M  | .805 / 20.45       |            |      |                 |             |
| GOLD POINT: G     | .200 / 5.08        |            |      |                 |             |
| PC TAIL LENGTH: P | .125 / 3.18        |            |      |                 |             |
| TIN: T            | .200 / 5.08        |            |      |                 |             |
| CKTS:             | 2-36               |            |      |                 |             |
| KINKS:            | NO                 |            |      |                 |             |
| VOIDED CKTS:      | NONE               |            |      |                 |             |
| PACKAGING:        | BULK PK-40873-0043 |            |      |                 |             |
| CKTS              | MATERIAL NUMBER    | ENG NUMBER | CKTS | MATERIAL NUMBER | ITEM NUMBER |
| 02                |                    |            | 20   |                 |             |
| 03                |                    |            | 21   |                 |             |
| 04                |                    |            | 22   |                 |             |
| 05                | 423752977          | 42375-2977 | 23   |                 |             |
| 06                |                    |            | 24   |                 |             |
| 07                |                    |            | 25   |                 |             |
| 08                |                    |            | 26   |                 |             |
| 09                |                    |            | 27   |                 |             |
| 10                |                    |            | 28   |                 |             |
| 11                |                    |            | 29   |                 |             |
| 12                |                    |            | 30   |                 |             |
| 13                |                    |            | 31   |                 |             |
| 14                |                    |            | 32   |                 |             |
| 15                |                    |            | 33   |                 |             |
| 16                |                    |            | 34   |                 |             |
| 17                |                    |            | 35   |                 |             |
| 18                |                    |            | 36   |                 |             |
| 19                |                    |            |      |                 |             |

REV:

**T19**ECR/ECN INFORMATION:EC No.: **UCP2014-3273**DATE: **8/7/2014**TITLE:**KK 100 HEADER ASSY  
FLAT VERTICAL  
BREAKAWAY**SHEET No.**- 25 -**DOCUMENT NUMBER:**SD- 42375-001**CREATED / REVISED BY:**MKIPPER**CHECKED BY:**NNGUYEN**APPROVED BY:**FSMITH**

ENG. NO: A-42375-3604/3637

|                   |                    |                    |      |                    |               |
|-------------------|--------------------|--------------------|------|--------------------|---------------|
| HEADER NUMBER:    |                    | 42312-0036         |      |                    |               |
| PIN NUMBER:       |                    | 42663-AXA154       |      |                    |               |
| PIN LENGTH: L     |                    | .540 / 13.72       |      |                    |               |
| MATING LENGTH: M  |                    | .380 / 9.65        |      |                    |               |
| GOLD POINT: G     |                    | N/A                |      |                    |               |
| PC TAIL LENGTH: P |                    | .070 / 1.78        |      |                    |               |
| TIN: T            |                    | OVERALL            |      |                    |               |
| CKTS:             |                    | 3-36               |      |                    |               |
| KINKS:            |                    | NO                 |      |                    |               |
| VOIDED CKTS:      |                    | 2                  |      |                    |               |
| PACKAGING:        |                    | BULK PK-40873-0041 |      |                    |               |
| CKTS              | MATERIAL<br>NUMBER | ENG<br>NUMBER      | CKTS | MATERIAL<br>NUMBER | ENG<br>NUMBER |
| 02                |                    |                    | 20   |                    |               |
| 03                | 42375-3604         |                    | 21   |                    |               |
| 04                |                    |                    | 22   |                    |               |
| 05                |                    |                    | 23   |                    |               |
| 06                |                    |                    | 24   |                    |               |
| 07                |                    |                    | 25   |                    |               |
| 08                |                    |                    | 26   |                    |               |
| 09                |                    |                    | 27   |                    |               |
| 10                |                    |                    | 28   |                    |               |
| 11                |                    |                    | 29   |                    |               |
| 12                |                    |                    | 30   |                    |               |
| 13                |                    |                    | 31   |                    |               |
| 14                |                    |                    | 32   |                    |               |
| 15                |                    |                    | 33   |                    |               |
| 16                |                    |                    | 34   |                    |               |
| 17                |                    |                    | 35   |                    |               |
| 18                |                    |                    | 36   |                    |               |
| 19                |                    |                    |      |                    |               |

ENG. NO: A-42375-3638/3658

|                   |                    |                            |      |                    |                |
|-------------------|--------------------|----------------------------|------|--------------------|----------------|
| HEADER NUMBER:    |                    | 42312-0036                 |      |                    |                |
| PIN NUMBER:       |                    | 42663-ABA154               |      |                    |                |
| PIN LENGTH: L     |                    | .455 / 11.56               |      |                    |                |
| MATING LENGTH: M  |                    | .240 / 6.09                |      |                    |                |
| GOLD POINT: G     |                    | N/A                        |      |                    |                |
| PC TAIL LENGTH: P |                    | .125 / 3.18                |      |                    |                |
| TIN: T            |                    | OVERALL                    |      |                    |                |
| CKTS:             |                    | 2-36                       |      |                    |                |
| KINKS:            |                    | NO                         |      |                    |                |
| VOIDED CKTS:      |                    | 2, 4, 6, 8, 10, 12, 14, 16 |      |                    |                |
| PACKAGING:        |                    | BULK PK-40873-0041         |      |                    |                |
| CKTS              | MATERIAL<br>NUMBER | ENG<br>NUMBER              | CKTS | MATERIAL<br>NUMBER | ITEM<br>NUMBER |
| 02                |                    |                            | 20   |                    |                |
| 03                |                    |                            | 21   |                    |                |
| 04                |                    |                            | 22   |                    |                |
| 05                |                    |                            | 23   |                    |                |
| 06                |                    |                            | 24   |                    |                |
| 07                |                    |                            | 25   |                    |                |
| 08                |                    |                            | 26   |                    |                |
| 09                |                    |                            | 27   |                    |                |
| 10                |                    |                            | 28   |                    |                |
| 11                |                    |                            | 29   |                    |                |
| 12                |                    |                            | 30   |                    |                |
| 13                |                    |                            | 31   |                    |                |
| 14                |                    |                            | 32   |                    |                |
| 15                |                    |                            | 33   |                    |                |
| 16                |                    |                            | 34   |                    |                |
| 17                | 423753639          | 42375-3639                 | 35   |                    |                |
| 18                |                    |                            | 36   |                    |                |
| 19                |                    |                            |      |                    |                |

REV:

**T19**ECR/ECN INFORMATION:EC No.: **UCP2014-3273**DATE: **8/7/2014**TITLE:**KK 100 HEADER ASSY  
FLAT VERTICAL  
BREAKAWAY**SHEET No.**- 26 -**DOCUMENT NUMBER:**SD- 42375-001**CREATED / REVISED BY:**MKIPPER**CHECKED BY:**NNGUYEN**APPROVED BY:**FSMITH**

ENG. NO: 42375-3659/3693

| HEADER NUMBER:    | 42312-0036         |            |      |                 |            |
|-------------------|--------------------|------------|------|-----------------|------------|
| PIN NUMBER:       | 42663-AXB208       |            |      |                 |            |
| PIN LENGTH: L     | .540 / 13.72       |            |      |                 |            |
| MATING LENGTH: M  | .250 / 6.35        |            |      |                 |            |
| GOLD POINT: G     | .140 / 3.56        |            |      |                 |            |
| PC TAIL LENGTH: P | .200 / 5.08        |            |      |                 |            |
| TIN: T            | .135 / 3.43        |            |      |                 |            |
| CKTS:             | 2-36               |            |      |                 |            |
| KINKS:            | NO                 |            |      |                 |            |
| VOIDED CKTS:      | NONE               |            |      |                 |            |
| PACKAGING:        | BULK PK-40873-0041 |            |      |                 |            |
| CKTS              | MATERIAL NUMBER    | ENG NUMBER | CKTS | MATERIAL NUMBER | ENG NUMBER |
| 02                | 68300-2000         | 42375-3659 | 20   |                 | 42375-3677 |
| 03                | 68300-2001         | 42375-3660 | 21   |                 | 42375-3678 |
| 04                |                    | 42375-3661 | 22   |                 | 42375-3679 |
| 05                | 68300-2006         | 42375-3662 | 23   |                 | 42375-3680 |
| 06                |                    | 42375-3663 | 24   |                 | 42375-3681 |
| 07                |                    | 42375-3664 | 25   |                 | 42375-3682 |
| 08                |                    | 42375-3665 | 26   |                 | 42375-3683 |
| 09                |                    | 42375-3666 | 27   |                 | 42375-3684 |
| 10                |                    | 42375-3667 | 28   |                 | 42375-3685 |
| 11                |                    | 42375-3668 | 29   |                 | 42375-3686 |
| 12                |                    | 42375-3669 | 30   |                 | 42375-3687 |
| 13                |                    | 42375-3670 | 31   |                 | 42375-3688 |
| 14                |                    | 42375-3671 | 32   |                 | 42375-3689 |
| 15                |                    | 42375-3672 | 33   |                 | 42375-3690 |
| 16                |                    | 42375-3673 | 34   |                 | 42375-3691 |
| 17                |                    | 42375-3674 | 35   |                 | 42375-3692 |
| 18                |                    | 42375-3675 | 36   |                 | 42375-3693 |
| 19                |                    | 42375-3676 |      |                 |            |

ENG. NO: 42375-3694/3728

| HEADER NUMBER:    | 42312-0036         |            |      |                 |            |
|-------------------|--------------------|------------|------|-----------------|------------|
| PIN NUMBER:       | 42663-AXB208       |            |      |                 |            |
| PIN LENGTH: L     | .540 / 13.72       |            |      |                 |            |
| MATING LENGTH: M  | .250 / 6.35        |            |      |                 |            |
| GOLD POINT: G     | .140 / 3.56        |            |      |                 |            |
| PC TAIL LENGTH: P | .200 / 5.08        |            |      |                 |            |
| TIN: T            | .135 / 3.43        |            |      |                 |            |
| CKTS:             | 2-36               |            |      |                 |            |
| KINKS:            | NO                 |            |      |                 |            |
| VOIDED CKTS:      | 5                  |            |      |                 |            |
| PACKAGING:        | BULK PK-40873-0041 |            |      |                 |            |
| CKTS              | MATERIAL NUMBER    | ENG NUMBER | CKTS | MATERIAL NUMBER | ENG NUMBER |
| 02                |                    | 42375-3694 | 20   |                 | 42375-3712 |
| 03                |                    | 42375-3695 | 21   |                 | 42375-3713 |
| 04                |                    | 42375-3696 | 22   |                 | 42375-3714 |
| 05                |                    | 42375-3697 | 23   |                 | 42375-3715 |
| 06                |                    | 42375-3698 | 24   |                 | 42375-3716 |
| 07                |                    | 42375-3699 | 25   |                 | 42375-3717 |
| 08                | 68300-2002         | 42375-3700 | 26   |                 | 42375-3718 |
| 09                |                    | 42375-3701 | 27   |                 | 42375-3719 |
| 10                |                    | 42375-3702 | 28   |                 | 42375-3720 |
| 11                |                    | 42375-3703 | 29   |                 | 42375-3721 |
| 12                |                    | 42375-3704 | 30   |                 | 42375-3722 |
| 13                |                    | 42375-3705 | 31   |                 | 42375-3723 |
| 14                |                    | 42375-3706 | 32   |                 | 42375-3724 |
| 15                |                    | 42375-3707 | 33   |                 | 42375-3725 |
| 16                |                    | 42375-3708 | 34   |                 | 42375-3726 |
| 17                |                    | 42375-3709 | 35   |                 | 42375-3727 |
| 18                |                    | 42375-3710 | 36   |                 | 42375-3728 |
| 19                |                    | 42375-3711 |      |                 |            |

|                                              |                                                                                     |                                                                       |                                   |                                   |                                |
|----------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------|-----------------------------------|-----------------------------------|--------------------------------|
| REV:<br><br>T19                              | <u>ECR/ECN INFORMATION:</u><br><u>EC No.:</u> UCP2014-3273<br><u>DATE:</u> 8/7/2014 | <u>TITLE:</u><br><br>KK 100 HEADER ASSY<br>FLAT VERTICAL<br>BREAKAWAY |                                   |                                   | <u>SHEET No.</u><br><br>- 27 - |
| <u>DOCUMENT NUMBER:</u><br><br>SD- 42375-001 |                                                                                     | <u>CREATED / REVISED BY:</u><br><br>MKIPPER                           | <u>CHECKED BY:</u><br><br>NNGUYEN | <u>APPROVED BY:</u><br><br>FSMITH |                                |

ENG. NO: 42375-3729/3763

|                   |                    |
|-------------------|--------------------|
| HEADER NUMBER:    | 42312-0036         |
| PIN NUMBER:       | 42663-AFB208       |
| PIN LENGTH: L     | .475 / 12.07       |
| MATING LENGTH: M  | .232 / 5.89        |
| GOLD POINT: G     | .150 / 3.81        |
| PC TAIL LENGTH: P | .153 / 3.89        |
| TIN: T            | .150 / 3.81        |
| CKTS:             | 2-36               |
| KINKS:            | NO                 |
| VOIDED CKTS:      | 5                  |
| PACKAGING:        | BULK PK-40873-0041 |

| CKTS | MATERIAL<br>NUMBER | ENG<br>NUMBER | CKTS | MATERIAL<br>NUMBER | ENG<br>NUMBER |
|------|--------------------|---------------|------|--------------------|---------------|
| 02   |                    | 42375-3729    | 20   |                    | 42375-3747    |
| 03   |                    | 42375-3730    | 21   |                    | 42375-3748    |
| 04   |                    | 42375-3731    | 22   |                    | 42375-3749    |
| 05   |                    | 42375-3732    | 23   |                    | 42375-3750    |
| 06   |                    | 42375-3733    | 24   |                    | 42375-3751    |
| 07   |                    | 42375-3734    | 25   |                    | 42375-3752    |
| 08   | 68300-2007         | 42375-3735    | 26   |                    | 42375-3753    |
| 09   |                    | 42375-3736    | 27   |                    | 42375-3754    |
| 10   |                    | 42375-3737    | 28   |                    | 42375-3755    |
| 11   |                    | 42375-3738    | 29   |                    | 42375-3756    |
| 12   |                    | 42375-3739    | 30   |                    | 42375-3757    |
| 13   |                    | 42375-3740    | 31   |                    | 42375-3758    |
| 14   |                    | 42375-3741    | 32   |                    | 42375-3759    |
| 15   |                    | 42375-3742    | 33   |                    | 42375-3760    |
| 16   |                    | 42375-3743    | 34   |                    | 42375-3761    |
| 17   |                    | 42375-3744    | 35   |                    | 42375-3762    |
| 18   |                    | 42375-3745    | 36   |                    | 42375-3763    |
| 19   |                    | 42375-3746    |      |                    |               |

ENG. NO: 42375-3764/3798

|                   |                    |
|-------------------|--------------------|
| HEADER NUMBER:    | 42312-0036         |
| PIN NUMBER:       | 42663-ETA154       |
| PIN LENGTH: L     | .950/24.13         |
| MATING LENGTH: M  | .750/19.05         |
| GOLD POINT: G     | N/A                |
| PC TAIL LENGTH: P | .110/2.79          |
| TIN: T            | OVERALL            |
| CKTS:             | 2-36               |
| KINKS:            | NO                 |
| VOIDED CKTS:      | 2                  |
| PACKAGING:        | BULK PK-40873-0043 |

| CKTS | ITEM<br>NUMBER | CKTS | ITEM<br>NUMBER |
|------|----------------|------|----------------|
| 02   |                | 20   |                |
| 03   |                | 21   |                |
| 04   |                | 22   |                |
| 05   |                | 23   |                |
| 06   |                | 24   |                |
| 07   |                | 25   |                |
| 08   | 42375-3770     | 26   |                |
| 09   |                | 27   |                |
| 10   |                | 28   |                |
| 11   |                | 29   |                |
| 12   |                | 30   |                |
| 13   |                | 31   |                |
| 14   |                | 32   |                |
| 15   |                | 33   |                |
| 16   |                | 34   |                |
| 17   |                | 35   |                |
| 18   |                | 36   |                |
| 19   |                |      |                |

|                         |                              |                                                           |                     |
|-------------------------|------------------------------|-----------------------------------------------------------|---------------------|
| REV:                    | <u>ECR/ECN INFORMATION:</u>  | <u>TITLE:</u>                                             | <u>SHEET No.</u>    |
| <b>T19</b>              | EC No.: <b>UCP2014-3273</b>  | <b>KK 100 HEADER ASSY<br/>FLAT VERTICAL<br/>BREAKAWAY</b> | <b>- 28 -</b>       |
|                         | DATE: <b>8/7/2014</b>        |                                                           |                     |
| <u>DOCUMENT NUMBER:</u> | <u>CREATED / REVISED BY:</u> | <u>CHECKED BY:</u>                                        | <u>APPROVED BY:</u> |
| <b>SD- 42375-001</b>    | <b>MKIPPER</b>               | <b>NNGUYEN</b>                                            | <b>FSMITH</b>       |

| ENG. NO: 42375-3799/3832 |                 |                    |                 |
|--------------------------|-----------------|--------------------|-----------------|
| HEADER NUMBER:           |                 | 42312-0036         |                 |
| PIN NUMBER:              |                 | 42663-ABA154       |                 |
| PIN LENGTH: L            |                 | .455 / 11.56       |                 |
| MATING LENGTH: M         |                 | .240 / 6.09        |                 |
| GOLD POINT: G            |                 | N/A                |                 |
| PC TAIL LENGTH: P        |                 | .125 / 3.18        |                 |
| TIN: T                   |                 | OVERALL            |                 |
| CKTS:                    |                 | 3-36               |                 |
| KINKS:                   |                 | NO                 |                 |
| VOIDED CKTS:             |                 | 3                  |                 |
| PACKAGING:               |                 | BULK PK-40873-0041 |                 |
| CKTS                     | MATERIAL NUMBER | CKTS               | MATERIAL NUMBER |
| 02                       |                 | 20                 |                 |
| 03                       |                 | 21                 |                 |
| 04                       |                 | 22                 |                 |
| 05                       | 42375-3801      | 23                 |                 |
| 06                       |                 | 24                 |                 |
| 07                       |                 | 25                 |                 |
| 08                       |                 | 26                 |                 |
| 09                       |                 | 27                 |                 |
| 10                       |                 | 28                 |                 |
| 11                       |                 | 29                 |                 |
| 12                       |                 | 30                 |                 |
| 13                       |                 | 31                 |                 |
| 14                       |                 | 32                 |                 |
| 15                       |                 | 33                 |                 |
| 16                       |                 | 34                 |                 |
| 17                       |                 | 35                 |                 |
| 18                       |                 | 36                 |                 |
| 19                       |                 |                    |                 |

| ENG. NO: 42375-3733/3867 |                 |                    |                 |
|--------------------------|-----------------|--------------------|-----------------|
| HEADER NUMBER:           |                 | 42312-0036         |                 |
| PIN NUMBER:              |                 | 42663-ABB208       |                 |
| PIN LENGTH: L            |                 | .455 / 11.56       |                 |
| MATING LENGTH: M         |                 | .250 / 6.35        |                 |
| GOLD POINT: G            |                 | .100 / 2.54        |                 |
| PC TAIL LENGTH: P        |                 | .115 / 2.92        |                 |
| TIN: T                   |                 | .100 / 2.54        |                 |
| CKTS:                    |                 | 2-36               |                 |
| KINKS:                   |                 | NO                 |                 |
| VOIDED CKTS:             |                 | NONE               |                 |
| PACKAGING:               |                 | BULK PK-40873-0041 |                 |
| CKTS                     | MATERIAL NUMBER | CKTS               | MATERIAL NUMBER |
| 02                       |                 | 20                 |                 |
| 03                       |                 | 21                 |                 |
| 04                       |                 | 22                 |                 |
| 05                       | 42375-3836      | 23                 |                 |
| 06                       |                 | 24                 |                 |
| 07                       |                 | 25                 |                 |
| 08                       |                 | 26                 |                 |
| 09                       |                 | 27                 |                 |
| 10                       |                 | 28                 |                 |
| 11                       |                 | 29                 |                 |
| 12                       |                 | 30                 |                 |
| 13                       |                 | 31                 |                 |
| 14                       |                 | 32                 |                 |
| 15                       |                 | 33                 |                 |
| 16                       |                 | 34                 |                 |
| 17                       |                 | 35                 |                 |
| 18                       |                 | 36                 |                 |
| 19                       |                 |                    |                 |

| ENG. NO: 42375-3868 / 3902 |             |                    |             |
|----------------------------|-------------|--------------------|-------------|
| HEADER NUMBER:             |             | 42312-0036         |             |
| PIN NUMBER:                |             | 42663-DWA154       |             |
| PIN LENGTH: L              |             | .850 / 21.59       |             |
| MATING LENGTH: M           |             | .640 / 16.26       |             |
| GOLD POINT: G              |             | N/A                |             |
| PC TAIL LENGTH: P          |             | .120 / 3.05        |             |
| TIN: T                     |             | OVERALL            |             |
| CKTS:                      |             | 2-36               |             |
| KINKS:                     |             | NO                 |             |
| VOIDED CKTS:               |             | NONE               |             |
| PACKAGING:                 |             | BULK PK-40873-0041 |             |
| CKTS                       | ITEM NUMBER | CKTS               | ITEM NUMBER |
| 02                         |             | 20                 |             |
| 03                         |             | 21                 |             |
| 04                         | 42375-3870  | 22                 |             |
| 05                         |             | 23                 |             |
| 06                         | 42375-3872  | 24                 |             |
| 07                         |             | 25                 |             |
| 08                         |             | 26                 |             |
| 09                         |             | 27                 |             |
| 10                         |             | 28                 |             |
| 11                         |             | 29                 |             |
| 12                         |             | 30                 |             |
| 13                         |             | 31                 |             |
| 14                         |             | 32                 |             |
| 15                         |             | 33                 |             |
| 16                         |             | 34                 |             |
| 17                         |             | 35                 |             |
| 18                         |             | 36                 |             |
| 19                         |             |                    |             |

|                                                     |                                    |  |                                                                                |                                          |                                          |
|-----------------------------------------------------|------------------------------------|--|--------------------------------------------------------------------------------|------------------------------------------|------------------------------------------|
| REV:<br><br><b>T19</b>                              | <u>ECR/ECN INFORMATION:</u>        |  | <u>TITLE:</u><br><br><b>KK 100 HEADER ASSY<br/>FLAT VERTICAL<br/>BREAKAWAY</b> |                                          | <u>SHEET No.</u><br><br><b>- 29 -</b>    |
|                                                     | <u>EC No.:</u> <b>UCP2014-3273</b> |  |                                                                                |                                          |                                          |
|                                                     | <u>DATE:</u> <b>8/7/2014</b>       |  |                                                                                |                                          |                                          |
| <u>DOCUMENT NUMBER:</u><br><br><b>SD- 42375-001</b> |                                    |  | <u>CREATED / REVISED BY:</u><br><br><b>MKIPPER</b>                             | <u>CHECKED BY:</u><br><br><b>NNGUYEN</b> | <u>APPROVED BY:</u><br><br><b>FSMITH</b> |

| ENG. NO: 42375-3903/3932 |                 |                    |                 |
|--------------------------|-----------------|--------------------|-----------------|
| HEADER NUMBER:           |                 | 42312-0036         |                 |
| PIN NUMBER:              |                 | 42663-BSA154       |                 |
| PIN LENGTH: L            |                 | .630 / 16.00       |                 |
| MATING LENGTH: M         |                 | .421 / 10.69       |                 |
| GOLD POINT: G            |                 | N/A                |                 |
| PC TAIL LENGTH: P        |                 | .119 / 3.02        |                 |
| TIN: T                   |                 | OVERALL            |                 |
| CKTS:                    |                 | 7-36               |                 |
| KINKS:                   |                 | NO                 |                 |
| VOIDED CKTS:             |                 | 7                  |                 |
| PACKAGING:               |                 | BULK PK-40873-0041 |                 |
| CKTS                     | MATERIAL NUMBER | CKTS               | MATERIAL NUMBER |
| 02                       |                 | 20                 |                 |
| 03                       |                 | 21                 |                 |
| 04                       |                 | 22                 |                 |
| 05                       |                 | 23                 |                 |
| 06                       |                 | 24                 |                 |
| 07                       |                 | 25                 |                 |
| 08                       | 42375-3904      | 26                 |                 |
| 09                       |                 | 27                 |                 |
| 10                       |                 | 28                 |                 |
| 11                       |                 | 29                 |                 |
| 12                       |                 | 30                 |                 |
| 13                       |                 | 31                 |                 |
| 14                       |                 | 32                 |                 |
| 15                       |                 | 33                 |                 |
| 16                       |                 | 34                 |                 |
| 17                       |                 | 35                 |                 |
| 18                       |                 | 36                 |                 |
| 19                       |                 |                    |                 |

| ENG. NO: 42375-3933/3964 |                 |                    |                 |
|--------------------------|-----------------|--------------------|-----------------|
| HEADER NUMBER:           |                 | 42312-0036         |                 |
| PIN NUMBER:              |                 | 42663-BSA154       |                 |
| PIN LENGTH: L            |                 | .630 / 16.00       |                 |
| MATING LENGTH: M         |                 | .405/10.29         |                 |
| GOLD POINT: G            |                 | N/A                |                 |
| PC TAIL LENGTH: P        |                 | .135/3.43          |                 |
| TIN: T                   |                 | OVERALL            |                 |
| CKTS:                    |                 | 5-36               |                 |
| KINKS:                   |                 | SMES-42003         |                 |
| VOIDED CKTS:             |                 | 5                  |                 |
| PACKAGING:               |                 | BULK PK-40873-0041 |                 |
| CKTS                     | MATERIAL NUMBER | CKTS               | MATERIAL NUMBER |
| 02                       |                 | 20                 |                 |
| 03                       |                 | 21                 |                 |
| 04                       |                 | 22                 |                 |
| 05                       |                 | 23                 |                 |
| 06                       |                 | 24                 |                 |
| 07                       |                 | 25                 |                 |
| 08                       |                 | 26                 |                 |
| 09                       | 42375-3937      | 27                 |                 |
| 10                       |                 | 28                 |                 |
| 11                       |                 | 29                 |                 |
| 12                       |                 | 30                 |                 |
| 13                       |                 | 31                 |                 |
| 14                       |                 | 32                 |                 |
| 15                       |                 | 33                 |                 |
| 16                       |                 | 34                 |                 |
| 17                       |                 | 35                 |                 |
| 18                       |                 | 36                 |                 |
| 19                       |                 |                    |                 |

| ENG. NO: 42375-3965/3995 |                 |                    |                 |
|--------------------------|-----------------|--------------------|-----------------|
| HEADER NUMBER:           |                 | 42312-0036         |                 |
| PIN NUMBER:              |                 | 42663-BSA154       |                 |
| PIN LENGTH: L            |                 | .630 / 16.00       |                 |
| MATING LENGTH: M         |                 | .405/10.29         |                 |
| GOLD POINT: G            |                 | N/A                |                 |
| PC TAIL LENGTH: P        |                 | .135/3.43          |                 |
| TIN: T                   |                 | OVERALL            |                 |
| CKTS:                    |                 | 6-36               |                 |
| KINKS:                   |                 | SMES-42003         |                 |
| VOIDED CKTS:             |                 | 4, 5, 6            |                 |
| PACKAGING:               |                 | BULK PK-40873-0041 |                 |
| CKTS                     | MATERIAL NUMBER | CKTS               | MATERIAL NUMBER |
| 02                       |                 | 20                 |                 |
| 03                       |                 | 21                 |                 |
| 04                       |                 | 22                 |                 |
| 05                       |                 | 23                 |                 |
| 06                       |                 | 24                 |                 |
| 07                       |                 | 25                 |                 |
| 08                       |                 | 26                 |                 |
| 09                       | 42375-3968      | 27                 |                 |
| 10                       |                 | 28                 |                 |
| 11                       |                 | 29                 |                 |
| 12                       |                 | 30                 |                 |
| 13                       |                 | 31                 |                 |
| 14                       |                 | 32                 |                 |
| 15                       |                 | 33                 |                 |
| 16                       |                 | 34                 |                 |
| 17                       |                 | 35                 |                 |
| 18                       |                 | 36                 |                 |
| 19                       |                 |                    |                 |

|                                                     |                                    |  |                                                                                |                                          |                                          |
|-----------------------------------------------------|------------------------------------|--|--------------------------------------------------------------------------------|------------------------------------------|------------------------------------------|
| REV:<br><br><b>T19</b>                              | <u>ECR/ECN INFORMATION:</u>        |  | <u>TITLE:</u><br><br><b>KK 100 HEADER ASSY<br/>FLAT VERTICAL<br/>BREAKAWAY</b> |                                          | <u>SHEET No.</u><br><br><b>- 30 -</b>    |
|                                                     | <u>EC No.:</u> <b>UCP2014-3273</b> |  |                                                                                |                                          |                                          |
|                                                     | <u>DATE:</u> <b>8/7/2014</b>       |  |                                                                                |                                          |                                          |
| <u>DOCUMENT NUMBER:</u><br><br><b>SD- 42375-001</b> |                                    |  | <u>CREATED / REVISED BY:</u><br><br><b>MKIPPER</b>                             | <u>CHECKED BY:</u><br><br><b>NNGUYEN</b> | <u>APPROVED BY:</u><br><br><b>FSMITH</b> |

|                            |             |                    |             |
|----------------------------|-------------|--------------------|-------------|
| ENG. NO: A-42375-3996/4030 |             |                    |             |
| HEADER NUMBER:             |             | 42312-0036         |             |
| PIN NUMBER:                |             | 42663-AXA154       |             |
| PIN LENGTH: L              |             | .540 / 13.72       |             |
| MATING LENGTH: M           |             | .390 / 9.91        |             |
| GOLD POINT: G              |             | N/A                |             |
| PC TAIL LENGTH: P          |             | .060 / 1.52        |             |
| TIN: T                     |             | OVERALL            |             |
| CKTS:                      |             | 2-36               |             |
| KINKS:                     |             | NO                 |             |
| VOIDED CKTS:               |             | NONE               |             |
| PACKAGING:                 |             | BULK PK-40873-0041 |             |
| CKTS                       | ITEM NUMBER | CKTS               | ITEM NUMBER |
| 02                         |             | 20                 |             |
| 03                         |             | 21                 |             |
| 04                         |             | 22                 |             |
| 05                         |             | 23                 |             |
| 06                         | 42375-4000  | 24                 |             |
| 07                         | 42375-4001  | 25                 |             |
| 08                         |             | 26                 |             |
| 09                         |             | 27                 |             |
| 10                         |             | 28                 |             |
| 11                         |             | 29                 |             |
| 12                         |             | 30                 |             |
| 13                         |             | 31                 |             |
| 14                         |             | 32                 |             |
| 15                         |             | 33                 |             |
| 16                         |             | 34                 |             |
| 17                         |             | 35                 |             |
| 18                         |             | 36                 |             |
| 19                         |             |                    |             |

|                          |                 |                    |                 |
|--------------------------|-----------------|--------------------|-----------------|
| ENG. NO: 42375-4031/4059 |                 |                    |                 |
| HEADER NUMBER:           |                 | 42312-0036         |                 |
| PIN NUMBER:              |                 | 42663-ABA154       |                 |
| PIN LENGTH: L            |                 | .455 / 11.56       |                 |
| MATING LENGTH: M         |                 | .240 / 6.09        |                 |
| GOLD POINT: G            |                 | N/A                |                 |
| PC TAIL LENGTH: P        |                 | .125 / 3.18        |                 |
| TIN: T                   |                 | OVERALL            |                 |
| CKTS:                    |                 | 8-36               |                 |
| KINKS:                   |                 | NO                 |                 |
| VOIDED CKTS:             |                 | 2, 4, 6, 8         |                 |
| PACKAGING:               |                 | BULK PK-40873-0041 |                 |
| CKTS                     | MATERIAL NUMBER | CKTS               | MATERIAL NUMBER |
| 02                       |                 | 20                 |                 |
| 03                       |                 | 21                 |                 |
| 04                       |                 | 22                 |                 |
| 05                       |                 | 23                 |                 |
| 06                       |                 | 24                 |                 |
| 07                       |                 | 25                 |                 |
| 08                       |                 | 26                 |                 |
| 09                       | 42375-4032      | 27                 |                 |
| 10                       |                 | 28                 |                 |
| 11                       |                 | 29                 |                 |
| 12                       |                 | 30                 |                 |
| 13                       |                 | 31                 |                 |
| 14                       |                 | 32                 |                 |
| 15                       |                 | 33                 |                 |
| 16                       |                 | 34                 |                 |
| 17                       |                 | 35                 |                 |
| 18                       |                 | 36                 |                 |
| 19                       |                 |                    |                 |

|                            |                 |                    |                 |
|----------------------------|-----------------|--------------------|-----------------|
| ENG. NO: 42375-4060 / 4094 |                 |                    |                 |
| HEADER NUMBER:             |                 | 42312-0036         |                 |
| PIN NUMBER:                |                 | 42663-CGA154       |                 |
| PIN LENGTH: L              |                 | .690 / 17.53       |                 |
| MATING LENGTH: M           |                 | .521 / 13.23       |                 |
| GOLD POINT: G              |                 | N/A                |                 |
| PC TAIL LENGTH: P          |                 | .079 / 2.01        |                 |
| TIN: T                     |                 | OVERALL            |                 |
| CKTS:                      |                 | 2-36               |                 |
| KINKS:                     |                 | NO                 |                 |
| VOIDED CKTS:               |                 | NONE               |                 |
| PACKAGING:                 |                 | BULK PK-40873-0041 |                 |
| CKTS                       | MATERIAL NUMBER | CKTS               | MATERIAL NUMBER |
| 02                         |                 | 20                 |                 |
| 03                         |                 | 21                 |                 |
| 04                         |                 | 22                 |                 |
| 05                         |                 | 23                 |                 |
| 06                         | 42375-4064      | 24                 |                 |
| 07                         |                 | 25                 |                 |
| 08                         |                 | 26                 |                 |
| 09                         |                 | 27                 |                 |
| 10                         |                 | 28                 |                 |
| 11                         |                 | 29                 |                 |
| 12                         |                 | 30                 |                 |
| 13                         |                 | 31                 |                 |
| 14                         |                 | 32                 |                 |
| 15                         |                 | 33                 |                 |
| 16                         |                 | 34                 |                 |
| 17                         |                 | 35                 |                 |
| 18                         |                 | 36                 |                 |
| 19                         |                 |                    |                 |

|                                                     |                                    |  |                                                                                |                                          |                                          |
|-----------------------------------------------------|------------------------------------|--|--------------------------------------------------------------------------------|------------------------------------------|------------------------------------------|
| REV:<br><br><b>T19</b>                              | <u>ECR/ECN INFORMATION:</u>        |  | <u>TITLE:</u><br><br><b>KK 100 HEADER ASSY<br/>FLAT VERTICAL<br/>BREAKAWAY</b> |                                          | <u>SHEET No.</u><br><br><b>- 31 -</b>    |
|                                                     | <u>EC No.:</u> <b>UCP2014-3273</b> |  |                                                                                |                                          |                                          |
|                                                     | <u>DATE:</u> <b>8/7/2014</b>       |  |                                                                                |                                          |                                          |
| <u>DOCUMENT NUMBER:</u><br><br><b>SD- 42375-001</b> |                                    |  | <u>CREATED / REVISED BY:</u><br><br><b>MKIPPER</b>                             | <u>CHECKED BY:</u><br><br><b>NNGUYEN</b> | <u>APPROVED BY:</u><br><br><b>FSMITH</b> |

|                            |             |                    |             |
|----------------------------|-------------|--------------------|-------------|
| ENG. NO: A-42375-4095/4129 |             |                    |             |
| HEADER NUMBER:             |             | 42312-0036         |             |
| PIN NUMBER:                |             | 42663-DEB228       |             |
| PIN LENGTH: L              |             | .785 / 19.94       |             |
| MATING LENGTH: M           |             | .470 / 11.94       |             |
| GOLD POINT: G              |             | .250 / 6.35        |             |
| PC TAIL LENGTH: P          |             | .225 / 5.72        |             |
| TIN: T                     |             | .200 / 5.08        |             |
| CKTS:                      |             | 2-36               |             |
| KINKS:                     |             | NO                 |             |
| VOIDED CKTS:               |             | NONE               |             |
| PACKAGING:                 |             | BULK PK-40873-0041 |             |
| CKTS                       | ITEM NUMBER | CKTS               | ITEM NUMBER |
| 02                         |             | 20                 |             |
| 03                         |             | 21                 |             |
| 04                         |             | 22                 |             |
| 05                         |             | 23                 |             |
| 06                         |             | 24                 |             |
| 07                         |             | 25                 |             |
| 08                         |             | 26                 |             |
| 09                         |             | 27                 |             |
| 10                         | 42375-4103  | 28                 |             |
| 11                         |             | 29                 |             |
| 12                         |             | 30                 |             |
| 13                         |             | 31                 |             |
| 14                         |             | 32                 |             |
| 15                         |             | 33                 |             |
| 16                         |             | 34                 |             |
| 17                         |             | 35                 |             |
| 18                         | 42375-4111  | 36                 |             |
| 19                         |             |                    |             |

|                            |             |                    |             |
|----------------------------|-------------|--------------------|-------------|
| ENG. NO: A-42375-4130/4161 |             |                    |             |
| HEADER NUMBER:             |             | 42312-0036         |             |
| PIN NUMBER:                |             | 42663-ATA154       |             |
| PIN LENGTH: L              |             | .530/13.46         |             |
| MATING LENGTH: M           |             | .320/8.13          |             |
| GOLD POINT: G              |             | N/A                |             |
| PC TAIL LENGTH: P          |             | .120/3.05          |             |
| TIN: T                     |             | OVERALL            |             |
| CKTS:                      |             | 5-36               |             |
| KINKS:                     |             | SMES-42003         |             |
| VOIDED CKTS:               |             | 2, 3, 4            |             |
| PACKAGING:                 |             | BULK PK-40873-0041 |             |
| CKTS                       | ITEM NUMBER | CKTS               | ITEM NUMBER |
|                            |             | 20                 |             |
|                            |             | 21                 |             |
|                            |             | 22                 |             |
| 05                         | 42375-4130  | 23                 |             |
| 06                         |             | 24                 |             |
| 07                         |             | 25                 |             |
| 08                         |             | 26                 |             |
| 09                         |             | 27                 |             |
| 10                         |             | 28                 |             |
| 11                         |             | 29                 |             |
| 12                         |             | 30                 |             |
| 13                         |             | 31                 |             |
| 14                         |             | 32                 |             |
| 15                         |             | 33                 |             |
| 16                         |             | 34                 |             |
| 17                         |             | 35                 |             |
| 18                         |             | 36                 |             |
| 19                         |             |                    |             |

|                          |                 |                    |                 |
|--------------------------|-----------------|--------------------|-----------------|
| ENG. NO: 42375-4162/4196 |                 |                    |                 |
| HEADER NUMBER:           |                 | 42312-0036         |                 |
| PIN NUMBER:              |                 | 42663-BSC228       |                 |
| PIN LENGTH: L            |                 | .630/16.00         |                 |
| MATING LENGTH: M         |                 | .400/10.16         |                 |
| GOLD POINT: G            |                 | .345/8.76          |                 |
| PC TAIL LENGTH: P        |                 | .140/3.56          |                 |
| TIN: T                   |                 | .100/2.54          |                 |
| CKTS:                    |                 | 2-36               |                 |
| KINKS:                   |                 | NO                 |                 |
| VOIDED CKTS:             |                 | NONE               |                 |
| PACKAGING:               |                 | BULK PK-40873-0041 |                 |
| CKTS                     | MATERIAL NUMBER | CKTS               | MATERIAL NUMBER |
| 02                       |                 | 20                 |                 |
| 03                       |                 | 21                 |                 |
| 04                       | 42375-4164      | 22                 |                 |
| 05                       | 42375-4165      | 23                 |                 |
| 06                       |                 | 24                 |                 |
| 07                       |                 | 25                 |                 |
| 08                       |                 | 26                 |                 |
| 09                       |                 | 27                 |                 |
| 10                       | 42375-4170      | 28                 |                 |
| 11                       |                 | 29                 |                 |
| 12                       |                 | 30                 |                 |
| 13                       |                 | 31                 |                 |
| 14                       |                 | 32                 |                 |
| 15                       |                 | 33                 |                 |
| 16                       |                 | 34                 |                 |
| 17                       |                 | 35                 |                 |
| 18                       |                 | 36                 |                 |
| 19                       |                 |                    |                 |

|                                                     |                                    |  |                                                                                |                                          |                                          |
|-----------------------------------------------------|------------------------------------|--|--------------------------------------------------------------------------------|------------------------------------------|------------------------------------------|
| REV:<br><br><b>T19</b>                              | <u>ECR/ECN INFORMATION:</u>        |  | <u>TITLE:</u><br><br><b>KK 100 HEADER ASSY<br/>FLAT VERTICAL<br/>BREAKAWAY</b> |                                          | <u>SHEET No.</u><br><br><b>- 32 -</b>    |
|                                                     | <u>EC No.:</u> <b>UCP2014-3273</b> |  |                                                                                |                                          |                                          |
|                                                     | <u>DATE:</u> <b>8/7/2014</b>       |  |                                                                                |                                          |                                          |
| <u>DOCUMENT NUMBER:</u><br><br><b>SD- 42375-001</b> |                                    |  | <u>CREATED / REVISED BY:</u><br><br><b>MKIPPER</b>                             | <u>CHECKED BY:</u><br><br><b>NNGUYEN</b> | <u>APPROVED BY:</u><br><br><b>FSMITH</b> |

ENG. NO: A-42375-1622

|                   |                 |                    |                 |
|-------------------|-----------------|--------------------|-----------------|
| HEADER NUMBER:    |                 | 42312-0036         |                 |
| PIN NUMBER:       |                 | 42663-AYB208       |                 |
| PIN LENGTH: L     |                 | .545 / 13.84       |                 |
| MATING LENGTH: M  |                 | .320 / 8.13        |                 |
| GOLD POINT: G     |                 | .140 / 3.56        |                 |
| PC TAIL LENGTH: P |                 | .135 / 3.43        |                 |
| TIN: T            |                 | .135 / 3.43        |                 |
| CKTS:             |                 | 2-36               |                 |
| KINKS:            |                 | SMES-42003         |                 |
| VOIDED CKTS:      |                 | 3                  |                 |
| PACKAGING:        |                 | BULK PK-40873-0041 |                 |
| CKTS              | MATERIAL NUMBER | CKTS               | MATERIAL NUMBER |
| 02                |                 | 20                 |                 |
| 03                |                 | 21                 |                 |
| 04                |                 | 22                 |                 |
| 05                |                 | 23                 |                 |
| 06                |                 | 24                 |                 |
| 07                |                 | 25                 |                 |
| 08                |                 | 26                 |                 |
| 09                | 42375-1622      | 27                 |                 |
| 10                |                 | 28                 |                 |
| 11                |                 | 29                 |                 |
| 12                |                 | 30                 |                 |
| 13                |                 | 31                 |                 |
| 14                |                 | 32                 |                 |
| 15                |                 | 33                 |                 |
| 16                |                 | 34                 |                 |
| 17                |                 | 35                 |                 |
| 18                |                 | 36                 |                 |
| 19                |                 |                    |                 |

ENG. NO: A-42375-4199

|                   |                 |                    |                 |
|-------------------|-----------------|--------------------|-----------------|
| HEADER NUMBER:    |                 | 42312-0036         |                 |
| PIN NUMBER:       |                 | 42663-ARB228       |                 |
| PIN LENGTH: L     |                 | .520 / 13.21       |                 |
| MATING LENGTH: M  |                 | .230 / 5.84        |                 |
| GOLD POINT: G     |                 | .140 / 3.56        |                 |
| PC TAIL LENGTH: P |                 | .200 / 5.08        |                 |
| TIN: T            |                 | .135 / 3.43        |                 |
| CKTS:             |                 | 2-36               |                 |
| KINKS:            |                 | NO                 |                 |
| VOIDED CKTS:      |                 | NONE               |                 |
| PACKAGING:        |                 | BULK PK-40873-0041 |                 |
| CKTS              | MATERIAL NUMBER | CKTS               | MATERIAL NUMBER |
| 02                | 42375-4199      | 20                 |                 |
| 03                |                 | 21                 |                 |
| 04                |                 | 22                 |                 |
| 05                |                 | 23                 |                 |
| 06                |                 | 24                 |                 |
| 07                |                 | 25                 |                 |
| 08                |                 | 26                 |                 |
| 09                |                 | 27                 |                 |
| 10                |                 | 28                 |                 |
| 11                |                 | 29                 |                 |
| 12                |                 | 30                 |                 |
| 13                |                 | 31                 |                 |
| 14                |                 | 32                 |                 |
| 15                |                 | 33                 |                 |
| 16                |                 | 34                 |                 |
| 17                |                 | 35                 |                 |
| 18                |                 | 36                 |                 |
| 19                |                 |                    |                 |

ENG. NO: A-42375-4200

|                   |                 |                    |                 |
|-------------------|-----------------|--------------------|-----------------|
| HEADER NUMBER:    |                 | 42312-0036         |                 |
| PIN NUMBER:       |                 | 42663-ADB208       |                 |
| PIN LENGTH: L     |                 | .465 / 11.81       |                 |
| MATING LENGTH: M  |                 | .240 / 6.09        |                 |
| GOLD POINT: G     |                 | .100 / 2.54        |                 |
| PC TAIL LENGTH: P |                 | .135 / 3.43        |                 |
| TIN: T            |                 | .100 / 2.54        |                 |
| CKTS:             |                 | 2-36               |                 |
| KINKS:            |                 | SMES-42003         |                 |
| VOIDED CKTS:      |                 | 3, 4               |                 |
| PACKAGING:        |                 | BULK PK-40873-0041 |                 |
| CKTS              | MATERIAL NUMBER | CKTS               | MATERIAL NUMBER |
| 02                |                 | 20                 |                 |
| 03                |                 | 21                 |                 |
| 04                |                 | 22                 |                 |
| 05                | 42375-4200      | 23                 |                 |
| 06                |                 | 24                 |                 |
| 07                |                 | 25                 |                 |
| 08                |                 | 26                 |                 |
| 09                |                 | 27                 |                 |
| 10                |                 | 28                 |                 |
| 11                |                 | 29                 |                 |
| 12                |                 | 30                 |                 |
| 13                |                 | 31                 |                 |
| 14                |                 | 32                 |                 |
| 15                |                 | 33                 |                 |
| 16                |                 | 34                 |                 |
| 17                |                 | 35                 |                 |
| 18                |                 | 36                 |                 |
| 19                |                 |                    |                 |

REV:

**T19**ECR/ECN INFORMATION:EC No.: UCP2014-3273DATE: 8/7/2014TITLE:

**KK 100 HEADER ASSY  
FLAT VERTICAL  
BREAKAWAY**

SHEET No.**- 33 -**DOCUMENT NUMBER:**SD- 42375-001**CREATED / REVISED BY:**MKIPPER**CHECKED BY:**NNGUYEN**APPROVED BY:**FSMITH**

| ENG. NO: 42375-4236 |                |                    |                |
|---------------------|----------------|--------------------|----------------|
| HEADER NUMBER:      |                | 42312-0036         |                |
| PIN NUMBER:         |                | 42663-CCA118       |                |
| PIN LENGTH: L       |                | .670 / 17.02       |                |
| MATING LENGTH: M    |                | .440 / 11.18       |                |
| GOLD POINT: G       |                | NA                 |                |
| PC TAIL LENGTH: P   |                | .140 / 3.56        |                |
| TIN: T              |                | OVERALL            |                |
| CKTS:               |                | 2-36               |                |
| KINKS:              |                | SMES-42003         |                |
| VOIDED CKTS:        |                | NONE               |                |
| PACKAGING:          |                | BULK PK-40873-0041 |                |
| CKTS                | ITEM<br>NUMBER | CKTS               | ITEM<br>NUMBER |
| 02                  |                | 20                 |                |
| 03                  |                | 21                 |                |
| 04                  |                | 22                 |                |
| 05                  |                | 23                 |                |
| 06                  | 42375-4236     | 24                 |                |
| 07                  |                | 25                 |                |
| 08                  |                | 26                 |                |
| 09                  |                | 27                 |                |
| 10                  |                | 28                 |                |
| 11                  |                | 29                 |                |
| 12                  |                | 30                 |                |
| 13                  |                | 31                 |                |
| 14                  |                | 32                 |                |
| 15                  |                | 33                 |                |
| 16                  |                | 34                 |                |
| 17                  |                | 35                 |                |
| 18                  |                | 36                 |                |
| 19                  |                |                    |                |

| ENG. NO: 42375-4305 |                    |                    |                    |
|---------------------|--------------------|--------------------|--------------------|
| HEADER NUMBER:      |                    | 42312-0036         |                    |
| PIN NUMBER:         |                    | 42663-BDA154       |                    |
| PIN LENGTH: L       |                    | .570 / 14.48       |                    |
| MATING LENGTH: M    |                    | .339 / 8.61        |                    |
| GOLD POINT: G       |                    | N/A                |                    |
| PC TAIL LENGTH: P   |                    | .141 / 3.58        |                    |
| TIN: T              |                    | OVERALL            |                    |
| CKTS:               |                    | 2-36               |                    |
| KINKS:              |                    | NO                 |                    |
| VOIDED CKTS:        |                    | NONE               |                    |
| PACKAGING:          |                    | BULK PK-40873-0041 |                    |
| CKTS                | MATERIAL<br>NUMBER | CKTS               | MATERIAL<br>NUMBER |
| 02                  |                    | 20                 |                    |
| 03                  |                    | 21                 |                    |
| 04                  |                    | 22                 |                    |
| 05                  | 42375-4305         | 23                 |                    |
| 06                  |                    | 24                 |                    |
| 07                  |                    | 25                 |                    |
| 08                  |                    | 26                 |                    |
| 09                  |                    | 27                 |                    |
| 10                  |                    | 28                 |                    |
| 11                  |                    | 29                 |                    |
| 12                  |                    | 30                 |                    |
| 13                  |                    | 31                 |                    |
| 14                  |                    | 32                 |                    |
| 15                  |                    | 33                 |                    |
| 16                  |                    | 34                 |                    |
| 17                  |                    | 35                 |                    |
| 18                  |                    | 36                 |                    |
| 19                  |                    |                    |                    |

| ENG. NO: 42375-4338/4341 |                    |                    |                    |
|--------------------------|--------------------|--------------------|--------------------|
| HEADER NUMBER:           |                    | 42312-0036         |                    |
| PIN NUMBER:              |                    | 42663-BGA154       |                    |
| PIN LENGTH: L            |                    | .585 / 14.86       |                    |
| MATING LENGTH: M         |                    | .398 / 10.11       |                    |
| GOLD POINT: G            |                    | N/A                |                    |
| PC TAIL LENGTH: P        |                    | .097 / 2.46        |                    |
| TIN: T                   |                    | OVERALL            |                    |
| CKTS:                    |                    | 2-36               |                    |
| KINKS:                   |                    | NO                 |                    |
| VOIDED CKTS:             |                    | NONE               |                    |
| PACKAGING:               |                    | BULK PK-40873-0041 |                    |
| CKTS                     | MATERIAL<br>NUMBER | CKTS               | MATERIAL<br>NUMBER |
| 02                       |                    | 20                 |                    |
| 03                       | 42375-4338         | 21                 |                    |
| 04                       |                    | 22                 |                    |
| 05                       |                    | 23                 |                    |
| 06                       | 42375-4341         | 24                 |                    |
| 07                       |                    | 25                 |                    |
| 08                       |                    | 26                 |                    |
| 09                       |                    | 27                 |                    |
| 10                       |                    | 28                 |                    |
| 11                       |                    | 29                 |                    |
| 12                       |                    | 30                 |                    |
| 13                       |                    | 31                 |                    |
| 14                       |                    | 32                 |                    |
| 15                       |                    | 33                 |                    |
| 16                       |                    | 34                 |                    |
| 17                       |                    | 35                 |                    |
| 18                       |                    | 36                 |                    |
| 19                       |                    |                    |                    |

|                                                     |                                    |  |                                                                                |                                          |                                          |
|-----------------------------------------------------|------------------------------------|--|--------------------------------------------------------------------------------|------------------------------------------|------------------------------------------|
| REV:<br><br><b>T19</b>                              | <u>ECR/ECN INFORMATION:</u>        |  | <u>TITLE:</u><br><br><b>KK 100 HEADER ASSY<br/>FLAT VERTICAL<br/>BREAKAWAY</b> |                                          | <u>SHEET No.</u><br><br><b>- 34 -</b>    |
|                                                     | <u>EC No.:</u> <b>UCP2014-3273</b> |  |                                                                                |                                          |                                          |
|                                                     | <u>DATE:</u> <b>8/7/2014</b>       |  |                                                                                |                                          |                                          |
| <u>DOCUMENT NUMBER:</u><br><br><b>SD- 42375-001</b> |                                    |  | <u>CREATED / REVISED BY:</u><br><br><b>MKIPPER</b>                             | <u>CHECKED BY:</u><br><br><b>NNGUYEN</b> | <u>APPROVED BY:</u><br><br><b>FSMITH</b> |

ENG. NO: 42375-4413

|                   |                |                    |                |
|-------------------|----------------|--------------------|----------------|
| HEADER NUMBER:    |                | 42312-0036         |                |
| PIN NUMBER:       |                | 42663-ABB208       |                |
| PIN LENGTH: L     |                | .455 / 11.56       |                |
| MATING LENGTH: M  |                | .240 / 6.09        |                |
| GOLD POINT: G     |                | .100 / 2.54        |                |
| PC TAIL LENGTH: P |                | .125 / 3.18        |                |
| TIN: T            |                | .100 / 2.54        |                |
| CKTS:             |                | 6-36               |                |
| KINKS:            |                | NO                 |                |
| VOIDED CKTS:      |                | 2, 4, 6            |                |
| PACKAGING:        |                | BULK PK-40873-0041 |                |
| CKTS              | ITEM<br>NUMBER | CKTS               | ITEM<br>NUMBER |
| 02                |                | 20                 |                |
| 03                |                | 21                 |                |
| 04                |                | 22                 |                |
| 05                |                | 23                 |                |
| 06                |                | 24                 |                |
| 07                | 42375-4413     | 25                 |                |
| 08                |                | 26                 |                |
| 09                |                | 27                 |                |
| 10                |                | 28                 |                |
| 11                |                | 29                 |                |
| 12                |                | 30                 |                |
| 13                |                | 31                 |                |
| 14                |                | 32                 |                |
| 15                |                | 33                 |                |
| 16                |                | 34                 |                |
| 17                |                | 35                 |                |
| 18                |                | 36                 |                |
| 19                |                |                    |                |

ENG. NO: 42375-4445

|                   |                    |              |                    |
|-------------------|--------------------|--------------|--------------------|
| HEADER NUMBER:    |                    | 42312-0036   |                    |
| PIN NUMBER:       |                    | 42663-0364   |                    |
| PLATING:          |                    | 228          |                    |
| PIN LENGTH: L     |                    | .590 / 14.99 |                    |
| MATING LENGTH: M  |                    | .380 / 9.65  |                    |
| GOLD POINT: G     |                    | .200 / 5.08  |                    |
| PC TAIL LENGTH: P |                    | .120 / 3.05  |                    |
| TIN: T            |                    | .135 / 3.43  |                    |
| CKTS:             |                    | 2-36         |                    |
| KINKS:            |                    | NO           |                    |
| VOIDED CKTS:      |                    | NONE         |                    |
| PACKAGING:        |                    | BULK         | PK-40873-0041      |
| CKTS              | MATERIAL<br>NUMBER | CKTS         | MATERIAL<br>NUMBER |
| 02                |                    | 20           |                    |
| 03                |                    | 21           |                    |
| 04                | 42375-4445         | 22           |                    |
| 05                |                    | 23           |                    |
| 06                |                    | 24           |                    |
| 07                |                    | 25           |                    |
| 08                |                    | 26           |                    |
| 09                |                    | 27           |                    |
| 10                |                    | 28           |                    |
| 11                |                    | 29           |                    |
| 12                |                    | 30           |                    |
| 13                |                    | 31           |                    |
| 14                |                    | 32           |                    |
| 15                |                    | 33           |                    |
| 16                |                    | 34           |                    |
| 17                |                    | 35           |                    |
| 18                |                    | 36           |                    |
| 19                |                    |              |                    |

REV:

**T19**ECR/ECN INFORMATION:EC No.: **UCP2014-3273**DATE: **8/7/2014**TITLE:

**KK 100 HEADER ASSY  
FLAT VERTICAL  
BREAKAWAY**

SHEET No.**- 35 -**DOCUMENT NUMBER:**SD- 42375-001**CREATED / REVISED BY:**MKIPPER**CHECKED BY:**NNGUYEN**APPROVED BY:**FSMITH**

## Данный компонент на территории Российской Федерации

**Вы можете приобрести в компании MosChip.**

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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