

13 12 11 10 9 8 7 6 5 4 3 2 1

28 ( 71.12 / 70.61 ) ( 68.58 ± 0.25 ) 4 , 5  
2.800 / 2.780 2.700 ± .010 24 , 25

J 27 ( 68.58 / 68.07 ) ( 66.04 ± 0.25 ) 4 , 5  
2.700 / 2.680 2.600 ± .010 24 , 25

26 ( 66.04 / 65.53 ) ( 63.50 ± 0.25 ) 4 , 5  
2.600 / 2.580 2.500 ± .010 20 , 21

I 25 ( 63.50 / 62.99 ) ( 60.96 ± 0.25 ) 4 , 5  
2.500 / 2.480 2.400 ± .010 20 , 21

24 ( 60.96 / 60.45 ) ( 58.42 ± 0.25 ) 4 , 5  
2.400 / 2.380 2.300 ± .010 20 , 21

23 ( 58.42 / 57.96 ) ( 55.88 ± 0.23 ) 4 , 5  
2.300 / 2.282 2.200 ± .009 20 , 21

22 ( 55.88 / 55.42 ) ( 53.34 ± 0.23 ) 4 , 5  
2.200 / 2.182 2.100 ± .009 16 , 17

H 21 ( 53.34 / 52.88 ) ( 50.80 ± 0.23 ) 4 , 5  
2.100 / 2.082 2.000 ± .009 16 , 17

20 ( 50.80 / 50.34 ) ( 48.26 ± 0.23 ) 4 , 5  
2.000 / 1.982 1.900 ± .009 16 , 17

G 19 ( 48.26 / 47.80 ) ( 45.72 ± 0.23 ) 4 , 5  
1.900 / 1.882 1.800 ± .009 16 , 17

18 ( 45.72 / 45.31 ) ( 43.18 ± 0.20 ) 4 , 5  
1.800 / 1.784 1.700 ± .008 12 , 13

17 ( 43.18 / 42.77 ) ( 40.64 ± 0.20 ) 4 , 5  
1.700 / 1.684 1.600 ± .008 12 , 13

F 16 ( 40.64 / 40.23 ) ( 38.10 ± 0.20 ) 4 , 5  
1.600 / 1.584 1.500 ± .008 12 , 13

15 ( 38.10 / 37.69 ) ( 35.56 ± 0.20 ) 4 , 5  
1.500 / 1.484 1.400 ± .008 12 , 13

14 ( 35.56 / 35.20 ) ( 33.02 ± 0.18 ) 4 , 5  
1.400 / 1.386 1.300 ± .007 8 , 9

13 ( 33.02 / 32.66 ) ( 30.48 ± 0.18 ) 4 , 5  
1.300 / 1.286 1.200 ± .007 8 , 9

E 12 ( 30.48 / 30.12 ) ( 27.94 ± 0.18 ) 4 , 5  
1.200 / 1.186 1.100 ± .007 8 , 9

11 ( 27.94 / 27.58 ) ( 25.40 ± 0.18 ) 4 , 5  
1.100 / 1.086 1.000 ± .007 8 , 9

10 ( 25.40 / 25.04 ) ( 22.86 ± 0.15 ) 4 , 5  
1.000 / .986 .900 ± .006 4 , 5

9 ( 22.86 / 22.50 ) ( 20.32 ± 0.15 ) 4 , 5  
.900 / .886 .800 ± .006 4 , 5

D 8 ( 20.32 / 19.96 ) ( 17.78 ± 0.15 ) 4 , 5  
.800 / .786 .700 ± .006 4 , 5

7 ( 17.78 / 17.42 ) ( 15.24 ± 0.13 ) 4 , 5  
.700 / .686 .600 ± .005 4 , 5

6 ( 15.24 / 14.88 ) ( 12.70 ± 0.13 ) 4 , 5  
.600 / .586 .500 ± .005 4 , 5

C 5 ( 12.70 / 12.40 ) ( 10.16 ± 0.13 ) NONE  
.500 / .488 .400 ± .005 NONE

4 ( 10.16 / 9.86 ) ( 7.62 ± 0.13 ) NONE  
.400 / .388 .300 ± .005 NONE

3 ( 7.62 / 7.32 ) ( 5.08 ± 0.10 ) NONE  
.300 / .288 .200 ± .004 NONE

B 2 ( 5.08 / 4.78 ) ( 2.54 ± 0.05 ) NONE  
.200 / .188 .100 ± .002 NONE

NO. OF CKTS.

NO. OF CKTS.

VERSION  
LETTER CHANGES WHEN  
PIN NO. OR PRESS  
DIM. CHANGES

PLATING  
SEE NOTE 2

SECONDARY OPERATIONS

| CODE  | PACKAGE               |
|-------|-----------------------|
| BLANK | BULK PK-7478-001      |
| T     | TUBE PER PK-44743-001 |

ADD 222 TO NOTE 2  
EC NO: UCP2014-4754  
DRWN: JDOX 2014/05/13  
CHKD: MK/PPER 2014/05/13  
APPR: FSM/TH 2014/05/16

QUALITY SYMBOLS

GENERAL TOLERANCES (UNLESS SPECIFIED)

|          | mm     | INCH    |
|----------|--------|---------|
| 4 PLACES | ± .005 | ± .0005 |
| 3 PLACES | ± .010 | ± .0010 |
| 2 PLACES | ± 0.25 | ± .015  |
| 1 PLACE  | ± 0.38 | ± .015  |
| 0 PLACE  | ± .010 | ± .005  |

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

DIMENSION STYLE  
MM/IN

DRAWN BY DATE  
GUZIC 1987/07/30

CHECKED BY DATE  
PATEL 1987/07/30

APPROVED BY DATE  
FSM/TH 2014/05/16

MATERIAL NO.

SEE CHART

SCALE 4:1

DESIGN UNITS INCH

THIRD ANGLE PROJECTION

FRICITION LOCK HEADER ASY  
.100 CL BENT SQ PINS  
7478 SERIES DWG

SDA-7478

SHEET NO. 1 OF 7

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

NOTES:

1. MATERIAL: NYLON, UL94V-0, COLOR: WHITE
2. FINISH:  
(154) = OVERALL TIN: (0.00254)/.000100 MIN., OVERALL NICKEL UNDERPLATE: (0.00127)/.000050 MIN.  
(197) = OVERALL REFLOWED MATTE TIN: 0.00152/.000060 MIN OVER 0.00127/.000050 MIN NICKEL.  
(222) = OVERALL MATTE TIN: (0.00254)/.000100 MIN., OVERALL NICKEL UNDERPLATE: (0.00127)/.000050 MIN.  
(208) = SELECT GOLD: 0.00038/.000015 MIN, SELECT MATTE TIN: 0.00254/.000100, BOTH OVER 0.00127/.000050 MIN NICKEL.  
(228) = SELECT GOLD: 0.00076/.000030 MIN, SELECT MATTE TIN: 0.00254/.000100, BOTH OVER 0.00127/.000050 MIN NICKEL.  
(241) = SELECT GOLD: 0.00051/.000020 MIN, SELECT MATTE TIN: 0.00254/.000100, BOTH OVER 0.00127/.000050 MIN NICKEL.
3. PARTS CONFORM TO PRODUCT SPECIFICATION PS-10-07.
4. PACKAGING INFORMATION: SEE LEGEND.
5. PARTS ARE STACKABLE END TO END ON (.254)/.100 CENTERS.
6. PIN PUSH OUT FORCE: 2 LBS. MIN.
7. CIRCUIT ONE DESIGNATION IS USED TO DEFINE VOID LOCATION.  
CIRCUIT ONE MAY OR MAY NOT LINE UP WITH CIRCUIT ONE ON THE MATING HOUSING.
8. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

GROOVE MAY BE PRESENT ON 2-6 CIRCUIT PARTS (BOTH SIDES).

SLOTS LOCATED BETWEEN CIRCUITS (SEE CHART)

CENTERLINE OF PIN IN AREA SHOWN NOT TO VARY FROM CENTERLINE OF PIN AT DATUM -D- BY MORE THAN (0.20)/.008 IN ANY DIRECTION

RECESSED GATE MAY BE PRESENT ON 2-25 CKT PARTS. LOCATION VARIES.

CENTERLINE OF PIN IN AREA SHOWN NOT TO VARY FROM CENTERLINE OF PIN AT DATUM -E- BY MORE THAN (0.13)/.005 IN ANY DIRECTION

RECOMMENDED P.C. BOARD HOLE LAYOUT

| 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |               | 12 |                              | 11 |                 | 10 |                | 9 |                | 8 |                | 7 |        | 6 |                | 5 |                | 4 |                | 3 |  | 2 |  | 1 |  |  |   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----|------------------------------|----|-----------------|----|----------------|---|----------------|---|----------------|---|--------|---|----------------|---|----------------|---|----------------|---|--|---|--|---|--|--|---|
| J                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ENG. NO.      |    | PIN NO.                      |    | DIM. L          |    | DIM. X         |   | DIM. Z         |   | DIM. Y         |   | DIM. W |   | DIM. R         |   | DIM. G         |   | DIM. T         |   |  |   |  |   |  |  | J |
| I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | A-7478-NA222  |    | 2766-41(222) OR<br>4266-0667 |    | (18.80)<br>.740 |    | (6.71)<br>.264 |   | (3.58)<br>.141 |   | (3.05)<br>.120 |   | 90°    |   | (1.17)<br>.046 |   | N/A            |   | OVERALL        |   |  |   |  |   |  |  |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | A-7478-NA241  |    | 4266-0666                    |    | (18.80)<br>.740 |    | (6.71)<br>.264 |   | (3.58)<br>.141 |   | (3.05)<br>.120 |   | 90°    |   | (1.17)<br>.046 |   | (4.57)<br>.180 |   | (3.43)<br>.135 |   |  |   |  |   |  |  |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | A-7478-NA241T |    | 4266-0666                    |    | (18.80)<br>.740 |    | (6.71)<br>.264 |   | (3.58)<br>.141 |   | (3.05)<br>.120 |   | 90°    |   | (1.17)<br>.046 |   | (4.57)<br>.180 |   | (3.43)<br>.135 |   |  |   |  |   |  |  |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | A-7478-NA197T |    | 4266-0662                    |    | (18.80)<br>.740 |    | (6.71)<br>.264 |   | (3.58)<br>.141 |   | (3.05)<br>.120 |   | 90°    |   | (1.17)<br>.046 |   | N/A            |   | OVERALL        |   |  |   |  |   |  |  |   |
| H                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |    |                              |    |                 |    |                |   |                |   |                |   |        |   |                |   |                |   |                |   |  |   |  |   |  |  |   |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               |    |                              |    |                 |    |                |   |                |   |                |   |        |   |                |   |                |   |                |   |  |   |  |   |  |  |   |
| G                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |    |                              |    |                 |    |                |   |                |   |                |   |        |   |                |   |                |   |                |   |  |   |  |   |  |  |   |
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| F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |    |                              |    |                 |    |                |   |                |   |                |   |        |   |                |   |                |   |                |   |  |   |  |   |  |  |   |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               |    |                              |    |                 |    |                |   |                |   |                |   |        |   |                |   |                |   |                |   |  |   |  |   |  |  |   |
| E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |    |                              |    |                 |    |                |   |                |   |                |   |        |   |                |   |                |   |                |   |  |   |  |   |  |  |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               |    |                              |    |                 |    |                |   |                |   |                |   |        |   |                |   |                |   |                |   |  |   |  |   |  |  |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               |    |                              |    |                 |    |                |   |                |   |                |   |        |   |                |   |                |   |                |   |  |   |  |   |  |  |   |
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| D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |    |                              |    |                 |    |                |   |                |   |                |   |        |   |                |   |                |   |                |   |  |   |  |   |  |  |   |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               |    |                              |    |                 |    |                |   |                |   |                |   |        |   |                |   |                |   |                |   |  |   |  |   |  |  |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               |    |                              |    |                 |    |                |   |                |   |                |   |        |   |                |   |                |   |                |   |  |   |  |   |  |  |   |
| C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |    |                              |    |                 |    |                |   |                |   |                |   |        |   |                |   |                |   |                |   |  |   |  |   |  |  |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               |    |                              |    |                 |    |                |   |                |   |                |   |        |   |                |   |                |   |                |   |  |   |  |   |  |  |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               |    |                              |    |                 |    |                |   |                |   |                |   |        |   |                |   |                |   |                |   |  |   |  |   |  |  |   |
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| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |    |                              |    |                 |    |                |   |                |   |                |   |        |   |                |   |                |   |                |   |  |   |  |   |  |  |   |
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| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |    |                              |    |                 |    |                |   |                |   |                |   |        |   |                |   |                |   |                |   |  |   |  |   |  |  |   |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               |    |                              |    |                 |    |                |   |                |   |                |   |        |   |                |   |                |   |                |   |  |   |  |   |  |  |   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               |    |                              |    |                 |    |                |   |                |   |                |   |        |   |                |   |                |   |                |   |  |   |  |   |  |  |   |
| <div><div><div>SEE SHEET 1</div><div>EC NO: UCP2014-4754</div><div>DRWN:JDFX</div><div>CHKD:MKIPPER</div><div>APPR:FSMITH</div><div>2014/05/13</div><div>2014/05/13</div><div>2014/05/16</div></div><div>DESCRIPTION</div><div>REV</div><div>AA1</div></div> <div><div>QUALITY SYMBOLS</div><div>▽=0</div><div>▽=0</div><div>▽=0</div></div> <div><div>GENERAL TOLERANCES (UNLESS SPECIFIED)</div><div><div>mm</div><div>INCH</div></div><div><div>4 PLACES ± ---</div><div>3 PLACES ± ---</div><div>2 PLACES ± 0.25</div><div>1 PLACE ± 0.38</div><div>0 PLACE ± ---</div></div><div><div>ANGULAR ±1/2°</div><div>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</div></div></div> <div><div>DIMENSION STYLE</div><div>MM/IN</div><div><div>DRAWN BY</div><div>DATE</div></div><div><div>CHECKED BY</div><div>DATE</div></div><div><div>APPROVED BY</div><div>DATE</div></div><div><div>MATERIAL NO.</div><div>SEE CHART</div></div><div><div>SIZE</div><div>C</div></div></div> <div><div>SCALE</div><div>---</div></div> <div><div>DESIGN UNITS</div><div>INCH</div></div> <div><div>THIRD ANGLE PROJECTION</div></div> <div><div>TITLE</div><div>FRICITION LOCK HEADER ASY</div><div>.100 CL BENT SQ PINS</div><div>7478 SERIES DWG</div><div>molex</div></div> <div><div>DOCUMENT NO.</div><div>SDA-7478</div></div> <div><div>SHEET NO.</div><div>2 OF 7</div></div> <div><div>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</div></div> |               |    |                              |    |                 |    |                |   |                |   |                |   |        |   |                |   |                |   |                |   |  |   |  |   |  |  |   |
| tb_frame_C_P_AM_T<br>Rev. G 2012/01/11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               | 12 |                              | 11 |                 | 10 |                | 9 |                | 8 |                | 7 |        | 6 |                | 5 |                | 4 |                | 3 |  | 2 |  | 1 |  |  |   |

|              |  |               |  |              |  |               |  |               |  |                |  |               |  |               |  |   |  |          |  |          |  |          |  |          |  |
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| 13           |  | 12            |  | 11           |  | 10            |  | 9             |  | 8              |  | 7             |  | 6             |  | 5 |  | 4        |  | 3        |  | 2        |  | 1        |  |
| A-7478-NA222 |  |               |  | A-7478-NA241 |  |               |  | A-7478-NA241T |  |                |  | A-7478-NA197T |  |               |  |   |  |          |  |          |  |          |  |          |  |
| PART NO.     |  | ENG. NO.      |  | PART NO.     |  | ENG. NO.      |  | PART NO.      |  | ENG. NO.       |  | PART NO.      |  | ENG. NO.      |  |   |  | PART NO. |  | ENG. NO. |  | PART NO. |  | ENG. NO. |  |
| 22-05-302I   |  | A-7478-2A222  |  | 22-12-2024   |  | A-7478-2A241  |  | 50-29-1710    |  | A-7478-2A241T  |  | 50-34-8500    |  | A-7478-2A197T |  |   |  |          |  |          |  |          |  |          |  |
| 22-05-303I   |  | A-7478-3A222  |  | 22-12-2034   |  | A-7478-3A241  |  | 50-29-1711    |  | A-7478-3A241T  |  | 50-34-8501    |  | A-7478-3A197T |  |   |  |          |  |          |  |          |  |          |  |
| 22-05-304I   |  | A-7478-4A222  |  | 22-12-2044   |  | A-7478-4A241  |  | 50-29-1705    |  | A-7478-4A241T  |  | 50-34-8502    |  | A-7478-4A197T |  |   |  |          |  |          |  |          |  |          |  |
| 22-05-305I   |  | A-7478-5A222  |  | 22-12-2054   |  | A-7478-5A241  |  | 50-29-1712    |  | A-7478-5A241T  |  |               |  |               |  |   |  |          |  |          |  |          |  |          |  |
| 22-05-306I   |  | A-7478-6A222  |  | 22-12-2064   |  | A-7478-6A241  |  | 50-29-1713    |  | A-7478-6A241T  |  |               |  |               |  |   |  |          |  |          |  |          |  |          |  |
| 22-05-307I   |  | A-7478-7A222  |  | 22-12-2074   |  | A-7478-7A241  |  | 50-29-1714    |  | A-7478-7A241T  |  |               |  |               |  |   |  |          |  |          |  |          |  |          |  |
| 22-05-308I   |  | A-7478-8A222  |  | 22-12-2084   |  | A-7478-8A241  |  | 50-29-1715    |  | A-7478-8A241T  |  |               |  |               |  |   |  |          |  |          |  |          |  |          |  |
| 22-05-309I   |  | A-7478-9A222  |  | 22-12-2094   |  | A-7478-9A241  |  | 50-29-1716    |  | A-7478-9A241T  |  |               |  |               |  |   |  |          |  |          |  |          |  |          |  |
| 22-05-310I   |  | A-7478-10A222 |  | 22-12-2104   |  | A-7478-10A241 |  | 50-29-1717    |  | A-7478-10A241T |  |               |  |               |  |   |  |          |  |          |  |          |  |          |  |
| 22-05-311I   |  | A-7478-11A222 |  | 22-12-2114   |  | A-7478-11A241 |  | 50-29-1718    |  | A-7478-11A241T |  |               |  |               |  |   |  |          |  |          |  |          |  |          |  |
| 22-05-312I   |  | A-7478-12A222 |  | 22-12-2124   |  | A-7478-12A241 |  | 50-29-1719    |  | A-7478-12A241T |  |               |  |               |  |   |  |          |  |          |  |          |  |          |  |
| 22-05-313I   |  | A-7478-13A222 |  | 22-12-2134   |  | A-7478-13A241 |  | 50-29-1720    |  | A-7478-13A241T |  |               |  |               |  |   |  |          |  |          |  |          |  |          |  |
| 22-05-314I   |  | A-7478-14A222 |  | 22-12-2144   |  | A-7478-14A241 |  | 50-29-1721    |  | A-7478-14A241T |  |               |  |               |  |   |  |          |  |          |  |          |  |          |  |
| 22-05-315I   |  | A-7478-15A222 |  | 22-12-2154   |  | A-7478-15A241 |  | 50-29-1722    |  | A-7478-15A241T |  |               |  |               |  |   |  |          |  |          |  |          |  |          |  |
| 22-05-316I   |  | A-7478-16A222 |  | 22-12-2164   |  | A-7478-16A241 |  | 50-29-1723    |  | A-7478-16A241T |  |               |  |               |  |   |  |          |  |          |  |          |  |          |  |
| 22-05-317I   |  | A-7478-17A222 |  | 22-12-2174   |  | A-7478-17A241 |  | 50-29-1724    |  | A-7478-17A241T |  |               |  |               |  |   |  |          |  |          |  |          |  |          |  |
| 22-05-318I   |  | A-7478-18A222 |  | 22-12-2184   |  | A-7478-18A241 |  | 50-29-1725    |  | A-7478-18A241T |  |               |  |               |  |   |  |          |  |          |  |          |  |          |  |
| 22-05-319I   |  | A-7478-19A222 |  | 22-12-2194   |  | A-7478-19A241 |  | 50-29-1726    |  | A-7478-19A241T |  |               |  |               |  |   |  |          |  |          |  |          |  |          |  |
| 22-05-320I   |  | A-7478-20A222 |  | 22-12-2204   |  | A-7478-20A241 |  | 50-29-1727    |  | A-7478-20A241T |  |               |  |               |  |   |  |          |  |          |  |          |  |          |  |
| 22-05-321I   |  | A-7478-21A222 |  | 22-12-2214   |  | A-7478-21A241 |  | 50-29-1728    |  | A-7478-21A241T |  |               |  |               |  |   |  |          |  |          |  |          |  |          |  |
| 22-05-322I   |  | A-7478-22A222 |  | 22-12-2224   |  | A-7478-22A241 |  | 50-29-1729    |  | A-7478-22A241T |  |               |  |               |  |   |  |          |  |          |  |          |  |          |  |
| 22-05-323I   |  | A-7478-23A222 |  | 22-12-2234   |  | A-7478-23A241 |  | 50-29-1730    |  | A-7478-23A241T |  |               |  |               |  |   |  |          |  |          |  |          |  |          |  |
| 22-05-324I   |  | A-7478-24A222 |  | 22-12-2244   |  | A-7478-24A241 |  | 50-29-1731    |  | A-7478-24A241T |  |               |  |               |  |   |  |          |  |          |  |          |  |          |  |
| 22-05-325I   |  | A-7478-25A222 |  | 22-12-2254   |  | A-7478-25A241 |  | 50-29-1732    |  | A-7478-25A241T |  |               |  |               |  |   |  |          |  |          |  |          |  |          |  |
| 22-05-326I   |  | A-7478-26A222 |  | 22-12-2264   |  | A-7478-26A241 |  | 50-29-1733    |  | A-7478-26A241T |  |               |  |               |  |   |  |          |  |          |  |          |  |          |  |
| 22-05-327I   |  | A-7478-27A222 |  | 22-12-2274   |  | A-7478-27A241 |  | 50-29-1734    |  | A-7478-27A241T |  |               |  |               |  |   |  |          |  |          |  |          |  |          |  |
| 22-05-328I   |  | A-7478-28A222 |  | 22-12-2284   |  | A-7478-28A241 |  | 50-29-1735    |  | A-7478-28A241T |  |               |  |               |  |   |  |          |  |          |  |          |  |          |  |
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|              |  |               |  |              |  |               |  |               |  |                |  |               |  |               |  |   |  |          |  |          |  |          |  |          |  |
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|              |  |               |  |              |  |               |  |               |  |                |  |               |  |               |  |   |  |          |  |          |  |          |  |          |  |
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|              |  |               |  |              |  |               |  |               |  |                |  |               |  |               |  |   |  |          |  |          |  |          |  |          |  |
|              |  |               |  |              |  |               |  |               |  |                |  |               |  |               |  |   |  |          |  |          |  |          |  |          |  |
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|              |  |               |  |              |  |               |  |               |  |                |  |               |  |               |  |   |  |          |  |          |  |          |  |          |  |
|              |  |               |  |              |  |               |  |               |  |                |  |               |  |               |  |   |  |          |  |          |  |          |  |          |  |
|              |  |               |  |              |  |               |  |               |  |                |  |               |  |               |  |   |  |          |  |          |  |          |  |          |  |
|              |  |               |  |              |  |               |  |               |  |                |  |               |  |               |  |   |  |          |  |          |  |          |  |          |  |
|              |  |               |  |              |  |               |  |               |  |                |  |               |  |               |  |   |  |          |  |          |  |          |  |          |  |
|              |  |               |  |              |  |               |  |               |  |                |  |               |  |               |  |   |  |          |  |          |  |          |  |          |  |
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|              |  |               |  |              |  |               |  |               |  |                |  |               |  |               |  |   |  |          |  |          |  |          |  |          |  |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 13                 | 12                                   | 11                                                                                                                                                                                                                                                   | 10                                                                                                                                            | 9                       | 8                    | 7                      | 6                                                                                      | 5                         | 4                        | 3                   | 2                                                                                                                             | 1 |                                                                                                                    |                    |                                      |                                                                                                                                                                                                                                                      |                                                                                                                                               |              |                      |                        |                                                                                        |                           |                          |                     |                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| J                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ENG. NO.           | PIN NO.                              | DIM. L                                                                                                                                                                                                                                               | DIM. X                                                                                                                                        | DIM. Z                  | DIM. Y               | DIM. W                 | DIM. R                                                                                 | DIM. G                    | DIM. T                   |                     |                                                                                                                               |   | J                                                                                                                  |                    |                                      |                                                                                                                                                                                                                                                      |                                                                                                                                               |              |                      |                        |                                                                                        |                           |                          |                     |                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | A-7478-NA228       | 42663-0664                           | (18.80)<br>.740                                                                                                                                                                                                                                      | (6.71)<br>.264                                                                                                                                | (3.58)<br>.141          | (3.05)<br>.120       | 90°<br>.046            | (1.17)<br>.046                                                                         | (4.57)<br>.180            | (3.43)<br>.135           |                     |                                                                                                                               |   |                                                                                                                    |                    |                                      |                                                                                                                                                                                                                                                      |                                                                                                                                               |              |                      |                        |                                                                                        |                           |                          |                     |                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | A-7478-NE197       | 42663-0742                           | (19.81)<br>.780                                                                                                                                                                                                                                      | (7.75)<br>.305                                                                                                                                | (3.56)<br>.140          | (3.05)<br>.120       | 90°<br>.046            | (1.17)<br>.046                                                                         | N/A                       | OVERALL                  |                     |                                                                                                                               |   | I                                                                                                                  |                    |                                      |                                                                                                                                                                                                                                                      |                                                                                                                                               |              |                      |                        |                                                                                        |                           |                          |                     |                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | A-7478-NF197       | 42663-0622                           | (18.29)<br>.720                                                                                                                                                                                                                                      | (6.73)<br>.265                                                                                                                                | (2.92±.25)<br>.115±.010 | (3.18)<br>.125 REF.  | 90°<br>.046            | (1.17)<br>.046                                                                         | N/A                       | OVERALL                  |                     |                                                                                                                               |   |                                                                                                                    |                    |                                      |                                                                                                                                                                                                                                                      |                                                                                                                                               |              |                      |                        |                                                                                        |                           |                          |                     |                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | A-7478-NH197       | 42663-0482                           | (16.51)<br>.650                                                                                                                                                                                                                                      | (7.49)<br>.295                                                                                                                                | (2.69)<br>.106          | (0.64)<br>.025       | 90°<br>.025            | (.64)<br>.025                                                                          | N/A                       | OVERALL                  |                     |                                                                                                                               |   |                                                                                                                    |                    |                                      |                                                                                                                                                                                                                                                      |                                                                                                                                               |              |                      |                        |                                                                                        |                           |                          |                     |                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| H                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | A-7478-NM208       | 42663-0564                           | (17.53)<br>.690                                                                                                                                                                                                                                      | (7.57)<br>.298                                                                                                                                | (3.63)<br>.143          | (0.64)<br>.025       | 90°<br>.025            | (.64)<br>.025                                                                          | (5.08)<br>.200            | (3.43)<br>.135           |                     |                                                                                                                               |   | H                                                                                                                  |                    |                                      |                                                                                                                                                                                                                                                      |                                                                                                                                               |              |                      |                        |                                                                                        |                           |                          |                     |                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | A-7478-ANE197      | 42663-0742                           | (19.81)<br>.780                                                                                                                                                                                                                                      | (7.75)<br>.305                                                                                                                                | (3.56)<br>.140          | (3.05)<br>.120       | 90°<br>.046            | (1.17)<br>.046                                                                         | N/A                       | OVERALL                  |                     |                                                                                                                               |   |                                                                                                                    |                    |                                      |                                                                                                                                                                                                                                                      |                                                                                                                                               |              |                      |                        |                                                                                        |                           |                          |                     |                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| G                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | A-7478-NM197       | 42663-0562                           | (17.53)<br>.690                                                                                                                                                                                                                                      | (7.57)<br>.298                                                                                                                                | (3.63)<br>.143          | (.64)<br>.025        | 90°<br>.025            | (.64)<br>.025                                                                          | N/A                       | OVERALL                  |                     |                                                                                                                               |   | G                                                                                                                  |                    |                                      |                                                                                                                                                                                                                                                      |                                                                                                                                               |              |                      |                        |                                                                                        |                           |                          |                     |                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | A-7478-NP197       | 42663-1142                           | (24.89)<br>.980                                                                                                                                                                                                                                      | (6.60)<br>.260                                                                                                                                | (9.73)<br>.383          | (3.05)<br>.120       | 90°<br>.046            | (1.17)<br>.046                                                                         | N/A                       | OVERALL                  |                     |                                                                                                                               |   | F                                                                                                                  |                    |                                      |                                                                                                                                                                                                                                                      |                                                                                                                                               |              |                      |                        |                                                                                        |                           |                          |                     |                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                    |                                      |                                                                                                                                                                                                                                                      |                                                                                                                                               |                         |                      |                        |                                                                                        |                           |                          |                     |                                                                                                                               |   | E                                                                                                                  |                    |                                      |                                                                                                                                                                                                                                                      |                                                                                                                                               |              |                      |                        |                                                                                        |                           |                          |                     |                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                    |                                      |                                                                                                                                                                                                                                                      |                                                                                                                                               |                         |                      |                        |                                                                                        |                           |                          |                     |                                                                                                                               |   | D                                                                                                                  |                    |                                      |                                                                                                                                                                                                                                                      |                                                                                                                                               |              |                      |                        |                                                                                        |                           |                          |                     |                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                    |                                      |                                                                                                                                                                                                                                                      |                                                                                                                                               |                         |                      |                        |                                                                                        |                           |                          |                     |                                                                                                                               |   | C                                                                                                                  |                    |                                      |                                                                                                                                                                                                                                                      |                                                                                                                                               |              |                      |                        |                                                                                        |                           |                          |                     |                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                    |                                      |                                                                                                                                                                                                                                                      |                                                                                                                                               |                         |                      |                        |                                                                                        |                           |                          |                     |                                                                                                                               |   | B                                                                                                                  |                    |                                      |                                                                                                                                                                                                                                                      |                                                                                                                                               |              |                      |                        |                                                                                        |                           |                          |                     |                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                    |                                      |                                                                                                                                                                                                                                                      |                                                                                                                                               |                         |                      |                        |                                                                                        |                           |                          |                     |                                                                                                                               |   | A                                                                                                                  |                    |                                      |                                                                                                                                                                                                                                                      |                                                                                                                                               |              |                      |                        |                                                                                        |                           |                          |                     |                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <table><tr><td rowspan="5">SEE SHEET 1<br/>EC NO: UCP2014-4754<br/>DRWN:JDOX 2014/05/13<br/>CHKD:MKL 2014/05/13<br/>APPR:FSM1TH 2014/05/16<br/>AA1</td><td rowspan="5">DESCRIPTION<br/>REV</td><td>QUALITY SYMBOLS<br/>▽=0<br/>▽=0<br/>▽=0</td><td>GENERAL TOLERANCES (UNLESS SPECIFIED)<br/>mm INCH<br/>4 PLACES ± --- ± ---<br/>3 PLACES ± --- ±.010<br/>2 PLACES ± 0.25 ±.015<br/>1 PLACE ± 0.38 ± ---<br/>0 PLACE ± --- ± ---<br/>ANGULAR ±1/2°<br/>DRAFT WHERE APPLICABLE<br/>MUST REMAIN WITHIN DIMENSIONS</td><td>DIMENSION STYLE<br/>MM/IN<br/>DRAWN BY DATE<br/>GUZIC 1987/07/30<br/>CHECKED BY DATE<br/>PATEL 1987/07/30<br/>APPROVED BY DATE<br/>FSM1TH 2014/05/16</td><td>SCALE<br/>---</td><td>DESIGN UNITS<br/>INCH</td><td>THIRD ANGLE PROJECTION</td><td>TITLE<br/>FRICITION LOCK HEADER ASY<br/>.100 CL BENT SQ PINS<br/>7478 SERIES DWG<br/>molex</td><td>MATERIAL NO.<br/>SEE CHART</td><td>DOCUMENT NO.<br/>SDA-7478</td><td>SHEET NO.<br/>4 OF 7</td><td>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table> |                    |                                      |                                                                                                                                                                                                                                                      |                                                                                                                                               |                         |                      |                        |                                                                                        |                           |                          |                     |                                                                                                                               |   | SEE SHEET 1<br>EC NO: UCP2014-4754<br>DRWN:JDOX 2014/05/13<br>CHKD:MKL 2014/05/13<br>APPR:FSM1TH 2014/05/16<br>AA1 | DESCRIPTION<br>REV | QUALITY SYMBOLS<br>▽=0<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)<br>mm INCH<br>4 PLACES ± --- ± ---<br>3 PLACES ± --- ±.010<br>2 PLACES ± 0.25 ±.015<br>1 PLACE ± 0.38 ± ---<br>0 PLACE ± --- ± ---<br>ANGULAR ±1/2°<br>DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS | DIMENSION STYLE<br>MM/IN<br>DRAWN BY DATE<br>GUZIC 1987/07/30<br>CHECKED BY DATE<br>PATEL 1987/07/30<br>APPROVED BY DATE<br>FSM1TH 2014/05/16 | SCALE<br>--- | DESIGN UNITS<br>INCH | THIRD ANGLE PROJECTION | TITLE<br>FRICITION LOCK HEADER ASY<br>.100 CL BENT SQ PINS<br>7478 SERIES DWG<br>molex | MATERIAL NO.<br>SEE CHART | DOCUMENT NO.<br>SDA-7478 | SHEET NO.<br>4 OF 7 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| SEE SHEET 1<br>EC NO: UCP2014-4754<br>DRWN:JDOX 2014/05/13<br>CHKD:MKL 2014/05/13<br>APPR:FSM1TH 2014/05/16<br>AA1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | DESCRIPTION<br>REV | QUALITY SYMBOLS<br>▽=0<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)<br>mm INCH<br>4 PLACES ± --- ± ---<br>3 PLACES ± --- ±.010<br>2 PLACES ± 0.25 ±.015<br>1 PLACE ± 0.38 ± ---<br>0 PLACE ± --- ± ---<br>ANGULAR ±1/2°<br>DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS | DIMENSION STYLE<br>MM/IN<br>DRAWN BY DATE<br>GUZIC 1987/07/30<br>CHECKED BY DATE<br>PATEL 1987/07/30<br>APPROVED BY DATE<br>FSM1TH 2014/05/16 | SCALE<br>---            | DESIGN UNITS<br>INCH | THIRD ANGLE PROJECTION | TITLE<br>FRICITION LOCK HEADER ASY<br>.100 CL BENT SQ PINS<br>7478 SERIES DWG<br>molex | MATERIAL NO.<br>SEE CHART | DOCUMENT NO.<br>SDA-7478 | SHEET NO.<br>4 OF 7 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |   |                                                                                                                    |                    |                                      |                                                                                                                                                                                                                                                      |                                                                                                                                               |              |                      |                        |                                                                                        |                           |                          |                     |                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| lb_frame_C_P_AM_T<br>Rev. G 2012/01/11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 12                 | 11                                   | 10                                                                                                                                                                                                                                                   | 9                                                                                                                                             | 8                       | 7                    | 6                      | 5                                                                                      | 4                         | 3                        | 2                   | 1                                                                                                                             |   |                                                                                                                    |                    |                                      |                                                                                                                                                                                                                                                      |                                                                                                                                               |              |                      |                        |                                                                                        |                           |                          |                     |                                                                                                                               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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| J | A-7478-NA228 |               | A-7478-NE197 |               | A-7478-NF197 |               | A-7478-NH197 |               | A-7478-NM208 |               | A-7478-NA154 |              | J |  |
|   | PART NO.     | ENG. NO.      | PART NO.     | ENG. NO.      | PART NO.     | ENG. NO.      | PART NO.     | ENG. NO.      | PART NO.     | ENG. NO.      | PART NO.     | ENG. NO.     |   |  |
|   | 22-12-2026   | A-7478-2A228  | 22-05-8025   | A-7478-2E197  |              | A-7478-2F197  | S 22-05-8020 | A-7478-2H197  | S            | A-7478-2M208  | 50-30-4424   | A-7478-2A154 |   |  |
|   | 22-12-2036   | A-7478-3A228  |              | A-7478-3E197  |              | A-7478-3F197  | S 22-05-8030 | A-7478-3H197  | S            | A-7478-3M208  | 50-30-4434   | A-7478-3A154 |   |  |
| I | 22-12-2046   | A-7478-4A228  |              | A-7478-4E197  |              | A-7478-4F197  | S 22-05-8040 | A-7478-4H197  | S            | A-7478-4M208  | 50-30-4444   | A-7478-4A154 |   |  |
|   | 22-12-2056   | A-7478-5A228  | 22-05-8055   | A-7478-5E197  | 22-05-9058   | A-7478-5F197  | S 22-05-8050 | A-7478-5H197  | S            | A-7478-5M208  |              |              |   |  |
|   | 22-12-2066   | A-7478-6A228  |              | A-7478-6E197  |              | A-7478-6F197  | S 22-05-8060 | A-7478-6H197  | S            | A-7478-6M208  |              |              |   |  |
| H | 22-12-2076   | A-7478-7A228  |              | A-7478-7E197  |              | A-7478-7F197  | S 22-05-8070 | A-7478-7H197  | S            | A-7478-7M208  |              |              |   |  |
|   | 22-12-2086   | A-7478-8A228  |              | A-7478-8E197  |              | A-7478-8F197  | S 22-05-8080 | A-7478-8H197  | S            | A-7478-8M208  |              |              |   |  |
|   | 22-12-2096   | A-7478-9A228  |              | A-7478-9E197  |              | A-7478-9F197  | S 22-05-8090 | A-7478-9H197  | S            | A-7478-9M208  |              |              |   |  |
| G | 22-12-2106   | A-7478-10A228 |              | A-7478-10E197 |              | A-7478-10F197 | S 22-05-8100 | A-7478-10H197 | S            | A-7478-10M208 |              |              |   |  |
|   | 22-12-2116   | A-7478-11A228 |              | A-7478-11E197 |              | A-7478-11F197 | S 22-05-8110 | A-7478-11H197 | S            | A-7478-11M208 |              |              |   |  |
|   | 22-12-2126   | A-7478-12A228 |              | A-7478-12E197 |              | A-7478-12F197 | S 22-05-8120 | A-7478-12H197 | S 22-12-2123 | A-7478-12M208 |              |              |   |  |
| F | 22-12-2136   | A-7478-13A228 |              | A-7478-13E197 |              | A-7478-13F197 | S 22-05-8130 | A-7478-13H197 | S            | A-7478-13M208 |              |              |   |  |
|   | 22-12-2146   | A-7478-14A228 |              | A-7478-14E197 |              | A-7478-14F197 | S 22-05-8140 | A-7478-14H197 | S            | A-7478-14M208 |              |              |   |  |
|   | 22-12-2156   | A-7478-15A228 |              | A-7478-15E197 |              | A-7478-15F197 | S 22-05-8150 | A-7478-15H197 | S            | A-7478-15M208 |              |              |   |  |
| E | 22-12-2166   | A-7478-16A228 |              | A-7478-16E197 |              | A-7478-16F197 | S 22-05-8160 | A-7478-16H197 | S            | A-7478-16M208 |              |              |   |  |
|   | 22-12-2176   | A-7478-17A228 |              | A-7478-17E197 |              | A-7478-17F197 | S 22-05-8170 | A-7478-17H197 | S            | A-7478-17M208 |              |              |   |  |
|   | 22-12-2186   | A-7478-18A228 |              | A-7478-18E197 |              | A-7478-18F197 | S 22-05-8180 | A-7478-18H197 | S            | A-7478-18M208 |              |              |   |  |
| D | 22-12-2196   | A-7478-19A228 |              | A-7478-19E197 |              | A-7478-19F197 | S 22-05-8190 | A-7478-19H197 | S            | A-7478-19M208 |              |              |   |  |
|   | 22-12-2206   | A-7478-20A228 |              | A-7478-20E197 |              | A-7478-20F197 | S 22-05-8200 | A-7478-20H197 | S            | A-7478-20M208 |              |              |   |  |
|   | 22-12-2216   | A-7478-21A228 |              | A-7478-21E197 |              | A-7478-21F197 | S 22-05-8210 | A-7478-21H197 | S            | A-7478-21M208 |              |              |   |  |
| C | 22-12-2226   | A-7478-22A228 |              | A-7478-22E197 |              | A-7478-22F197 | S 22-05-8220 | A-7478-22H197 | S            | A-7478-22M208 |              |              |   |  |
|   | 22-12-2236   | A-7478-23A228 |              | A-7478-23E197 |              | A-7478-23F197 | S 22-05-8230 | A-7478-23H197 | S            | A-7478-23M208 |              |              |   |  |
|   | 22-12-2246   | A-7478-24A228 |              | A-7478-24E197 |              | A-7478-24F197 | S 22-05-8240 | A-7478-24H197 | S            | A-7478-24M208 |              |              |   |  |
| B | 22-12-2256   | A-7478-25A228 |              | A-7478-25E197 |              | A-7478-25F197 | S 22-05-8250 | A-7478-25H197 | S            | A-7478-25M208 |              |              |   |  |
|   | 22-12-2266   | A-7478-26A228 |              | A-7478-26E197 |              | A-7478-26F197 | S 22-05-8260 | A-7478-26H197 | S            | A-7478-26M208 |              |              |   |  |
|   | 22-12-2276   | A-7478-27A228 |              | A-7478-27E197 |              | A-7478-27F197 | S 22-05-8270 | A-7478-27H197 | S            | A-7478-27M208 |              |              |   |  |
| A | 22-12-2286   | A-7478-28A228 |              | A-7478-28E197 |              | A-7478-28F197 | S 22-05-8280 | A-7478-28H197 | S            | A-7478-28M208 |              |              |   |  |
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| <div><div><div>SEE SHEET 1</div><div>EC NO: UCP2014-4754</div><div>DRWN: JDOX</div><div>CHKD: MKIPPER</div><div>APPR: FSMITH</div><div>REV</div><div>AA1</div></div><div><div>QUALITY SYMBOLS</div><div>▽=0</div><div>▽=0</div><div>▽=0</div></div><div><div>GENERAL TOLERANCES (UNLESS SPECIFIED)</div><div><div>mm</div><div>INCH</div></div><div><div>4 PLACES</div><div>± ---</div><div>± ---</div></div><div><div>3 PLACES</div><div>± ---</div><div>± .010</div></div><div><div>2 PLACES</div><div>± 0.25</div><div>± .015</div></div><div><div>1 PLACE</div><div>± 0.38</div><div>± ---</div></div><div><div>0 PLACE</div><div>± ---</div><div>± ---</div></div><div>ANGULAR ±1/2°</div><div>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</div></div><div><div>DIMENSION STYLE</div><div>MM/IN</div><div><div>DRAWN BY</div><div>DATE</div></div><div><div>CHECKED BY</div><div>DATE</div></div><div><div>APPROVED BY</div><div>DATE</div></div><div><div>MATERIAL NO.</div><div>DOCUMENT NO.</div></div><div><div>SCALE</div><div>---</div></div><div><div>DESIGN UNITS</div><div>INCH</div></div><div><div>THIRD ANGLE PROJECTION</div></div><div><div>TITLE</div><div>FRICITION LOCK HEADER ASY</div><div>.100 CL BENT SQ PINS</div><div>7478 SERIES DWG</div><div>molex</div><div>SDA-7478</div><div>SHEET NO. 6 OF 7</div></div><div><div>SIZE</div><div>C</div><div>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</div></div></div></div> |          |          |  |          |          |    |               |          |  |              |          |   |          |          |  |          |          |   |   |   |  |   |  |   |  |
| 1b_frame_C_P_AM_T<br>Rev. G 2012/01/11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          | 12       |  | 11       |          | 10 |               | 9        |  | 8            |          | 7 |          | 6        |  | 5        |          | 4 |   | 3 |  | 2 |  | 1 |  |

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## Данный компонент на территории Российской Федерации

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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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