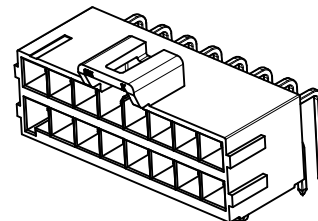
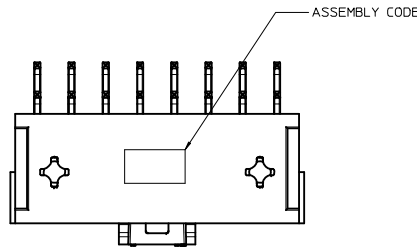
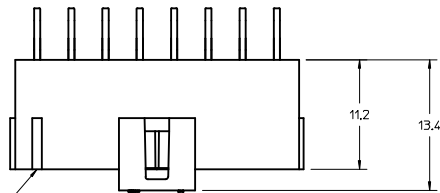
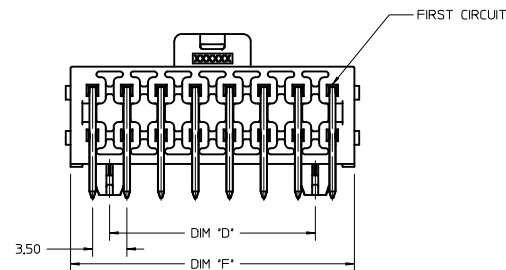
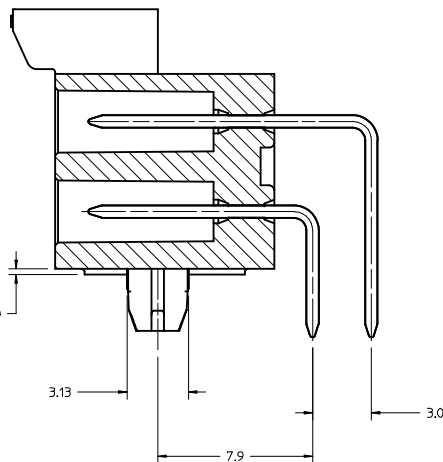
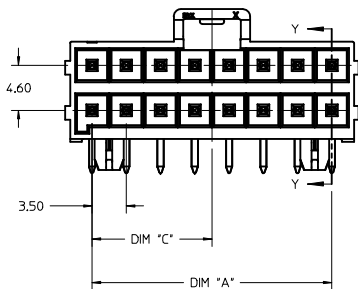


20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

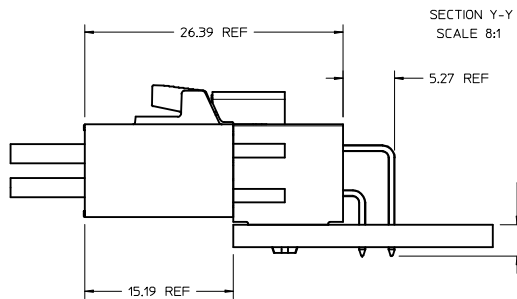


FIRST CIRCUIT MARK  
(NOT SHOWING ON 4  
AND 6 CIRCUITS SERIES)

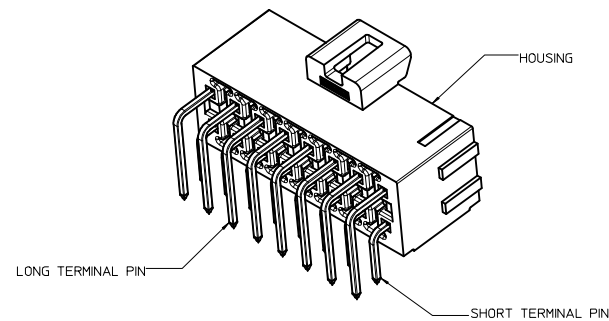


NOTES:

1. MATERIAL :  
HOUSING  
OPTION 1: LCP E130i BLACK  
OPTION 2: LCP E130i NATURAL  
TERMINAL: COPPER ALLOY
2. PLATING FINISH:  
OPTION 1 - 1.5 $\mu$ m(60 $\mu$ in)-2.5 $\mu$ m(100 $\mu$ in) TIN OVER  
1.25 $\mu$ m(50 $\mu$ in)-2.5 $\mu$ m(100 $\mu$ in) NICKEL OVERALL  
OPTION 2 - 0.35 $\mu$ m(15 $\mu$ in) GOLD CONTACT AREA,  
1.5 $\mu$ m(60 $\mu$ in)-2.5 $\mu$ m(100 $\mu$ in) TIN TAIL AREA OVER  
1.25 $\mu$ m(50 $\mu$ in)-2.5 $\mu$ m(100 $\mu$ in) NICKEL OVERALL  
OPTION 3 - 0.70 $\mu$ m(30 $\mu$ in) GOLD CONTACT AREA,  
1.5 $\mu$ m(60 $\mu$ in)-2.5 $\mu$ m(100 $\mu$ in) TIN TAIL AREA OVER  
1.25 $\mu$ m(50 $\mu$ in)-2.5 $\mu$ m(100 $\mu$ in) NICKEL OVERALL
2. PARTS TO BE PACKAGED PER PK-172316-9001
3. PRODUCT SPECIFICATION PS-172323-0001
4. PART MATES WITH MOLEX RECEPTACLE HOUSING  
172258 AND 172262
5. PART CONFORMS TO CLASS 'C' REQUIREMENTS OF SPECIFICATION  
PS-45499-002 WITH 0.13 MM MAXIMUM FLASH ALLOWED IN CORE  
HOLES AND FRONT SURFACE.
6. DISCOLORATION IN THE BANDOLIER AREA OF THE PIN IS  
INHERENT TO THE PLATING PROCESS AND IS DUE TO THE MASKING  
EFFECT OF THE CARRIER. THIS DISCOLORATION IS IN A NON-FUNCTIONAL  
AREA OF THE PIN AND WILL NOT AFFECT THE PERFORMANCE OF THE  
HEADER ASSEMBLY.
7. ASSEMBLY SPECIFICATION: AS-172323-0001

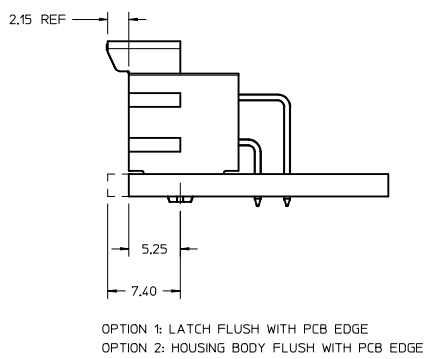
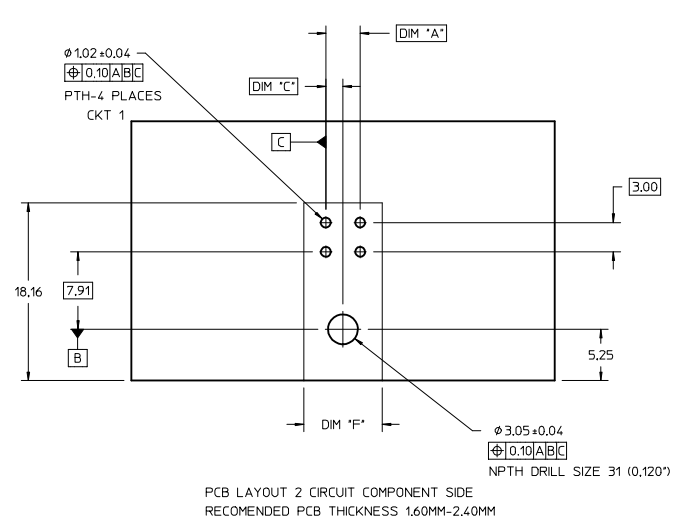
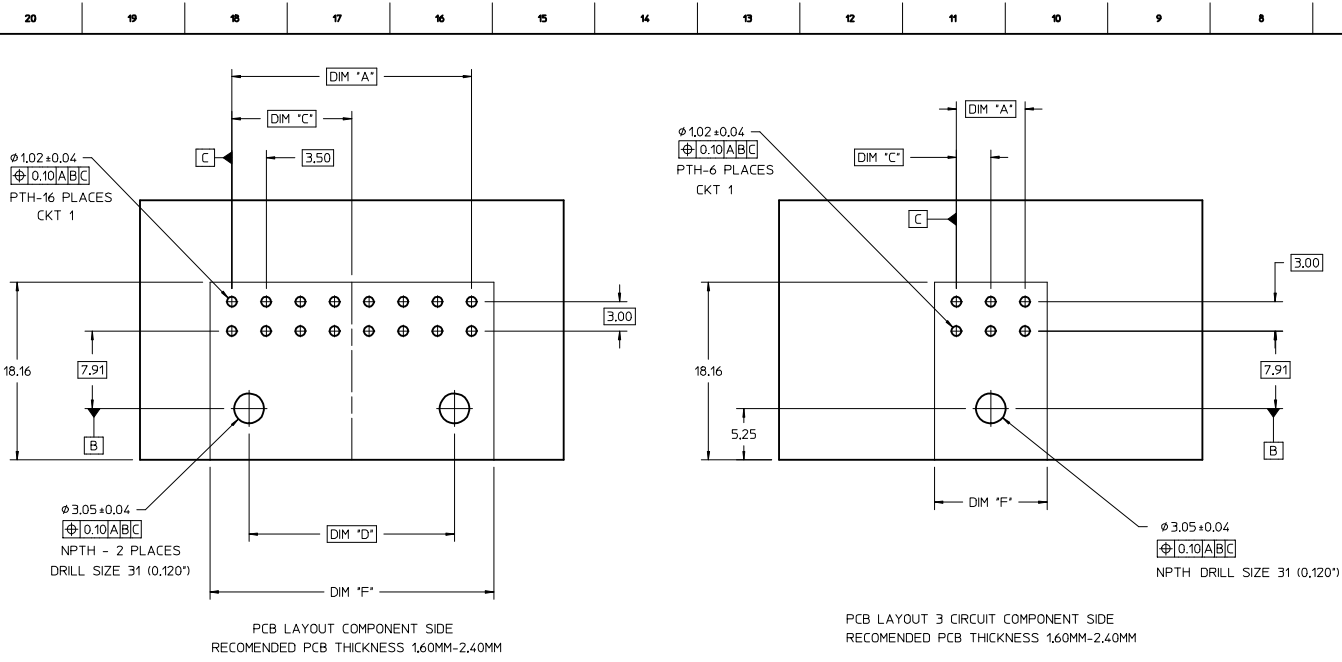


SECTION Y-Y  
SCALE 8:1



|  |   |   |  |   |                               |                        |  |
|--|---|---|--|---|-------------------------------|------------------------|--|
| X RELEASE<br>IEC NO: UCP2015-4103<br>DRAWN BY: DRWN:DRSCA<br>CHKD: CHYD<br>APPR:RHODGE<br>2015/04/14<br>2015/04/15 | QUALITY SYMBOLS   | GENERAL TOLERANCES (UNLESS SPECIFIED)   | DIMENSION STYLE<br><b>MM ONLY</b>                        | SCALE<br><b>4:1</b>   | DESIGN UNITS<br><b>METRIC</b> | THIRD ANGLE PROJECTION |  |
|  | ∇=0<br>∇=0<br>∇=0   | 4 PLACES ± mm INCH<br>3 PLACES ± --- ± ---<br>2 PLACES ± 0.25 ± ---<br>1 PLACE ± 0.5 ± ---<br>0 PLACE ± --- ± --- | DRAWN BY: DRSCA<br>DATE: 2014/03/06<br>CHECKED BY: DATE: | TITLE<br><b>ULTRA-FIT R/A HEADER<br/>4-16 CKTS DUAL ROW</b> |                               |                        |  |
|  | ANGULAR ±1/2°<br>DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS | APPROVED BY: JCOMERCI<br>DATE: 2014/04/24   | MATERIAL NO:<br><b>SEE CHART</b>                         | DOCUMENT NO:<br><b>SD-172316-1000</b>                       | SHEET NO.<br>1 OF 3           |                        |  |

19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



| TIN PLATING |         |              |            |       |       |       |       |
|-------------|---------|--------------|------------|-------|-------|-------|-------|
| PART NO.    | COLOR   | CIRCUIT SIZE | KEY OPTION | DIM A | DIM F | DIM C | DIM D |
| 172316-1104 | BLACK   | 4            | KEY A      | 3.50  | 8.00  | 1.75  | 0.00  |
| 172316-1106 | BLACK   | 6            | KEY A      | 7.00  | 11.50 | 3.50  | 0.00  |
| 172316-1108 | BLACK   | 8            | KEY A      | 10.50 | 15.00 | 5.25  | 7.00  |
| 172316-1110 | BLACK   | 10           | KEY A      | 14.00 | 18.50 | 7.00  | 10.50 |
| 172316-1112 | BLACK   | 12           | KEY A      | 17.50 | 22.00 | 8.75  | 14.00 |
| 172316-1114 | BLACK   | 14           | KEY A      | 21.00 | 25.50 | 10.50 | 17.50 |
| 172316-1116 | BLACK   | 16           | KEY A      | 24.50 | 29.00 | 12.25 | 21.00 |
| 172316-2104 | NATURAL | 4            | KEY B      | 3.50  | 8.00  | 1.75  | 0.00  |
| 172316-2106 | NATURAL | 6            | KEY B      | 7.00  | 11.50 | 3.50  | 0.00  |
| 172316-2108 | NATURAL | 8            | KEY B      | 10.50 | 15.00 | 5.25  | 7.00  |
| 172316-2110 | NATURAL | 10           | KEY B      | 14.00 | 18.50 | 7.00  | 10.50 |
| 172316-2112 | NATURAL | 12           | KEY B      | 17.50 | 22.00 | 8.75  | 14.00 |
| 172316-2114 | NATURAL | 14           | KEY B      | 21.00 | 25.50 | 10.50 | 17.50 |
| 172316-2116 | NATURAL | 16           | KEY B      | 24.50 | 29.00 | 12.25 | 21.00 |

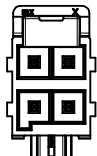
| 15 MICROINCH GOLD PLATING |         |              |            |       |       |       |       |
|---------------------------|---------|--------------|------------|-------|-------|-------|-------|
| PART NO.                  | COLOR   | CIRCUIT SIZE | KEY OPTION | DIM A | DIM F | DIM C | DIM D |
| 172316-1204               | BLACK   | 4            | KEY A      | 3.50  | 8.00  | 1.75  | 0.00  |
| 172316-1206               | BLACK   | 6            | KEY A      | 7.00  | 11.50 | 3.50  | 0.00  |
| 172316-1208               | BLACK   | 8            | KEY A      | 10.50 | 15.00 | 5.25  | 7.00  |
| 172316-1210               | BLACK   | 10           | KEY A      | 14.00 | 18.50 | 7.00  | 10.50 |
| 172316-1212               | BLACK   | 12           | KEY A      | 17.50 | 22.00 | 8.75  | 14.00 |
| 172316-1214               | BLACK   | 14           | KEY A      | 21.00 | 25.50 | 10.50 | 17.50 |
| 172316-1216               | BLACK   | 16           | KEY A      | 24.50 | 29.00 | 12.25 | 21.00 |
| 172316-2204               | NATURAL | 4            | KEY B      | 3.50  | 8.00  | 1.75  | 0.00  |
| 172316-2206               | NATURAL | 6            | KEY B      | 7.00  | 11.50 | 3.50  | 0.00  |
| 172316-2208               | NATURAL | 8            | KEY B      | 10.50 | 15.00 | 5.25  | 7.00  |
| 172316-2210               | NATURAL | 10           | KEY B      | 14.00 | 18.50 | 7.00  | 10.50 |
| 172316-2212               | NATURAL | 12           | KEY B      | 17.50 | 22.00 | 8.75  | 14.00 |
| 172316-2214               | NATURAL | 14           | KEY B      | 21.00 | 25.50 | 10.50 | 17.50 |
| 172316-2216               | NATURAL | 16           | KEY B      | 24.50 | 29.00 | 12.25 | 21.00 |

| 30 MICROINCH GOLD PLATING |         |              |            |       |       |       |       |
|---------------------------|---------|--------------|------------|-------|-------|-------|-------|
| PART NO.                  | COLOR   | CIRCUIT SIZE | KEY OPTION | DIM A | DIM F | DIM C | DIM D |
| 172316-1304               | BLACK   | 4            | KEY A      | 3.50  | 8.00  | 1.75  | 0.00  |
| 172316-1306               | BLACK   | 6            | KEY A      | 7.00  | 11.50 | 3.50  | 0.00  |
| 172316-1308               | BLACK   | 8            | KEY A      | 10.50 | 15.00 | 5.25  | 7.00  |
| 172316-1310               | BLACK   | 10           | KEY A      | 14.00 | 18.50 | 7.00  | 10.50 |
| 172316-1312               | BLACK   | 12           | KEY A      | 17.50 | 22.00 | 8.75  | 14.00 |
| 172316-1314               | BLACK   | 14           | KEY A      | 21.00 | 25.50 | 10.50 | 17.50 |
| 172316-1316               | BLACK   | 16           | KEY A      | 24.50 | 29.00 | 12.25 | 21.00 |
| 172316-2304               | NATURAL | 4            | KEY B      | 3.50  | 8.00  | 1.75  | 0.00  |
| 172316-2306               | NATURAL | 6            | KEY B      | 7.00  | 11.50 | 3.50  | 0.00  |
| 172316-2308               | NATURAL | 8            | KEY B      | 10.50 | 15.00 | 5.25  | 7.00  |
| 172316-2310               | NATURAL | 10           | KEY B      | 14.00 | 18.50 | 7.00  | 10.50 |
| 172316-2312               | NATURAL | 12           | KEY B      | 17.50 | 22.00 | 8.75  | 14.00 |
| 172316-2314               | NATURAL | 14           | KEY B      | 21.00 | 25.50 | 10.50 | 17.50 |
| 172316-2316               | NATURAL | 16           | KEY B      | 24.50 | 29.00 | 12.25 | 21.00 |

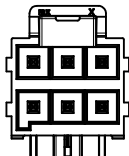
NOTE: DATUM -A- IS ON COMPONENT SIDE PCB

| <b>SEE PAGE 1</b><br>IEC NO: UJF2015-4103<br>DRAWN BY: DROSCHA<br>CHKD:<br>APPR: RHODGE<br>DATE: 2015/04/14<br>DATE: 2015/04/15 | QUALITY SYMBOLS<br>$\nabla=0$<br>$\nabla=0$<br>$\nabla=0$    | GENERAL TOLERANCES (UNLESS SPECIFIED)<br><table border="1"> <tr><th></th><th>mm</th><th>INCH</th></tr> <tr><td>4 PLACES</td><td>±---</td><td>±---</td></tr> <tr><td>3 PLACES</td><td>±---</td><td>±---</td></tr> <tr><td>2 PLACES</td><td>±0.25</td><td>±---</td></tr> <tr><td>1 PLACE</td><td>±0.5</td><td>±---</td></tr> <tr><td>0 PLACE</td><td>±---</td><td>±---</td></tr> </table> |                                   | mm                                    | INCH                       | 4 PLACES | ±--- | ±--- | 3 PLACES | ±--- | ±--- | 2 PLACES | ±0.25 | ±--- | 1 PLACE | ±0.5 | ±--- | 0 PLACE | ±--- | ±--- | DIMENSION STYLE<br><b>MM ONLY</b> | SCALE<br><b>4:1</b> | DESIGN UNITS<br><b>METRIC</b> | THIRD ANGLE PROJECTION |
|---|--|---|-----------------------------------|---------------------------------------|----------------------------|----------|------|------|----------|------|------|----------|-------|------|---------|------|------|---------|------|------|-----------------------------------|---------------------|-------------------------------|------------------------|
|   |  | mm  | INCH                              |                                       |                            |          |      |      |          |      |      |          |       |      |         |      |      |         |      |      |                                   |                     |                               |                        |
|   | 4 PLACES   | ±---  | ±---                              |                                       |                            |          |      |      |          |      |      |          |       |      |         |      |      |         |      |      |                                   |                     |                               |                        |
|   | 3 PLACES   | ±---  | ±---                              |                                       |                            |          |      |      |          |      |      |          |       |      |         |      |      |         |      |      |                                   |                     |                               |                        |
| 2 PLACES  | ±0.25  | ±---  |                                   |                                       |                            |          |      |      |          |      |      |          |       |      |         |      |      |         |      |      |                                   |                     |                               |                        |
| 1 PLACE   | ±0.5   | ±---  |                                   |                                       |                            |          |      |      |          |      |      |          |       |      |         |      |      |         |      |      |                                   |                     |                               |                        |
| 0 PLACE   | ±---   | ±---  |                                   |                                       |                            |          |      |      |          |      |      |          |       |      |         |      |      |         |      |      |                                   |                     |                               |                        |
| DRAWN BY: DROSCHA<br>DATE: 2014/03/06<br>CHECKED BY:  | TITILE<br><b>ULTRA-FIT R/A HEADER<br/>4-16 CKTS DUAL ROW</b> | APPROVED BY: JCOMERCI<br>DATE: 2014/04/24   | MATERIAL NO.<br><b>SEE PAGE 1</b> | DOCUMENT NO.<br><b>SD-172316-1000</b> | SHEET NO.<br><b>2 OF 3</b> |          |      |      |          |      |      |          |       |      |         |      |      |         |      |      |                                   |                     |                               |                        |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  | ANGULAR ±1/2°  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION   |                                   |                                       |                            |          |      |      |          |      |      |          |       |      |         |      |      |         |      |      |                                   |                     |                               |                        |
|   |  |   |                                   |                                       |                            |          |      |      |          |      |      |          |       |      |         |      |      |         |      |      |                                   |                     |                               |                        |

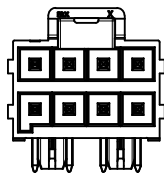
20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



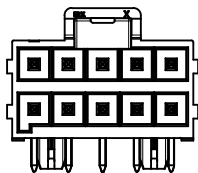
4 CKT



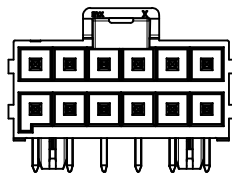
6 CKT



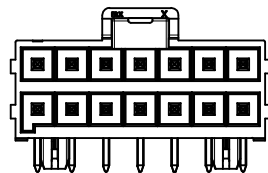
8 CKT



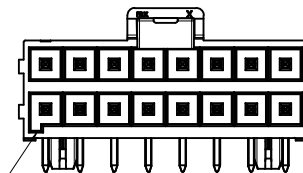
10 CKT



12 CKT

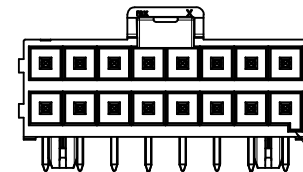


14 CKT



16 CKT

KEY A  
(BLACK)



KEY B  
(NATURAL)

|   |                 |                                       |               |   |  |                |                        |        |
|---|-----------------|---------------------------------------|---------------|---|--|----------------|------------------------|--------|
| <p>SEE PAGE 1<br/>                 IEC NO: UCF2015-4103<br/>                 DRAWN BY: DROSCA 2015/04/14<br/>                 CHKD: CHYD<br/>                 APPR: RHODGE 2015/04/15</p> | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) |               | DIMENSION STYLE   | SCALE                                      | DESIGN UNITS   | THIRD ANGLE PROJECTION |        |
|   | ▽=0             | mm                                    | INCH          | MM ONLY   | 4:1  | METRIC         |                        |        |
|   | ▽=0             | 4 PLACES ±                            | 3 PLACES ±    | DATE  | TITLE                                      |                |                        |        |
|   | ▽=0             | 2 PLACES ±0.25                        | 1 PLACE ±0.5  | DATE  | ULTRA-FIT R/A HEADER<br>4-16 CKTS DUAL ROW |                |                        |        |
|   | ▽=0             | 0 PLACE ±                             | ANGULAR ±1/2° |   | APPROVED BY DATE                           |                | DOCUMENT NO.           |        |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  |                 | MATERIAL NO.                          |               | DATE  |  | SHEET NO.      |                        |        |
|   |                 | SEE PAGE 1                            |               | 2014/04/24  |  | SD-172316-1000 |                        |        |
|   |                 | SIZE D                                |               | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                |                        | 3 OF 3 |

19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

## Данный компонент на территории Российской Федерации

### Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

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

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

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

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

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

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

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

### Офис по работе с юридическими лицами:

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Факс: +7 495 668-12-70 (доб.304)

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Skype отдела продаж:

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moschip.ru\_4

moschip.ru\_6

moschip.ru\_9