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Stocking Distributor

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[0444830003](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

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1b\_frame\_C.P.AM.T  
Rev. G 2012/01/11

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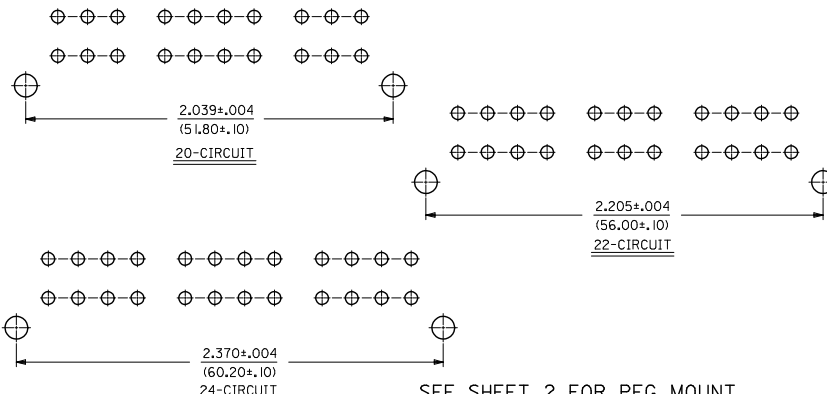
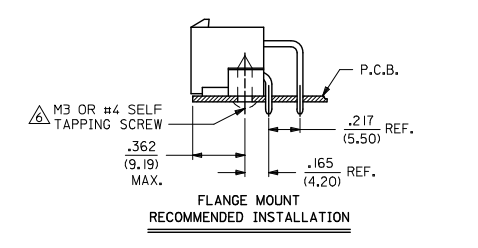
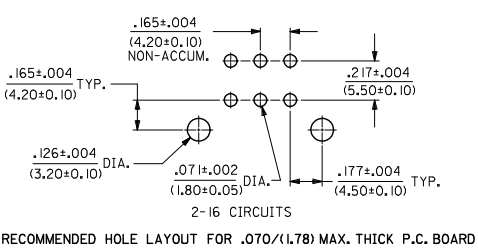
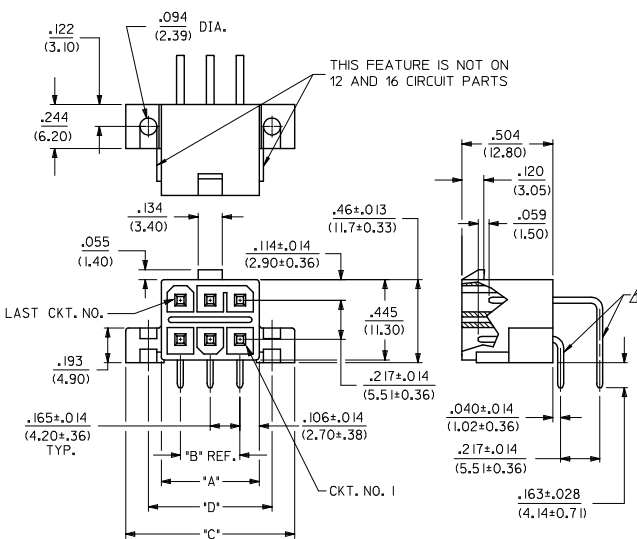
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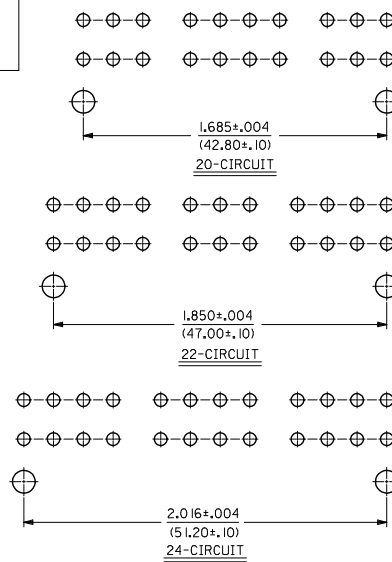
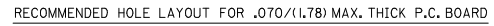
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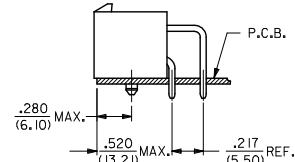
SEE SHEET 2 FOR PEG MOUNT

|                                                                                                      |                 |                                                      |  |                   |  |                         |              |                        |  |  |
|------------------------------------------------------------------------------------------------------|-----------------|------------------------------------------------------|--|-------------------|--|-------------------------|--------------|------------------------|--|--|
| UPDATE NOTE 6<br>EC NO: UCP2014-0258<br>2013/08/02<br>DRAWING: JEN<br>CHKD: JEN<br>APPR: SMITH<br>E4 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED)                |  | DIMENSION STYLE   |  | SCALE                   | DESIGN UNITS | THIRD ANGLE PROJECTION |  |  |
|                                                                                                      | ▽=0             |                                                      |  | IN/MM             |  | 2:1                     | METRIC       |                        |  |  |
|                                                                                                      | ▽=0             |                                                      |  | DRAWN BY DATE     |  | TITLE                   |              |                        |  |  |
|                                                                                                      | ▽=0             |                                                      |  | GEP 1994/08/01    |  | RIGHT ANGLE HEADER ASSY |              |                        |  |  |
|                                                                                                      |                 |                                                      |  | CHECKED BY DATE   |  | SELECTIVELY LOADED      |              |                        |  |  |
|                                                                                                      |                 |                                                      |  | RJE 1994/08/01    |  | MINI-FIT T.P.A. SERIES  |              |                        |  |  |
|                                                                                                      |                 |                                                      |  | APPROVED BY DATE  |  | <b>molex</b>            |              |                        |  |  |
|                                                                                                      |                 |                                                      |  | FSMITH 2011/09/12 |  |                         |              |                        |  |  |
|                                                                                                      |                 |                                                      |  | MATERIAL NO.      |  | DOCUMENT NO.            |              | SHEET NO.              |  |  |
|                                                                                                      |                 |                                                      |  | SEE CHART         |  | SDA-44483-****          |              | 1 OF 3                 |  |  |
| REV                                                                                                  | DESCRIPTION     | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |  |                   |  |                         |              |                        |  |  |

A



| CKT. SIZE | DIM. "A"         | DIM. "B"         |
|-----------|------------------|------------------|
| 2         | .213<br>(5.40)   | —                |
| 4         | .378<br>(9.60)   | .165<br>(4.20)   |
| 6         | .543<br>(13.80)  | .331<br>(8.40)   |
| 8         | .709<br>(18.00)  | .496<br>(12.60)  |
| 10        | .874<br>(22.20)  | .661<br>(16.80)  |
| 12        | 1.039<br>(26.40) | .827<br>(21.00)  |
| 14        | 1.205<br>(30.60) | .992<br>(25.20)  |
| 16        | 1.370<br>(34.80) | 1.157<br>(29.40) |
| 18        | 1.732<br>(44.00) | 1.520<br>(38.60) |
| 20        | 1.898<br>(48.20) | 1.685<br>(42.80) |
| 22        | 2.063<br>(52.40) | 1.850<br>(47.00) |
| 24        | 2.228<br>(56.60) | 2.016<br>(51.20) |



## PEG MOUNT RECOMMENDED INSTALLATION

SEE SHEET 1 FOR FLANGE MOUNT

| SEE SHEET 1<br>EC NO: UCP2014-0298<br>DRAWING NO: DWANWNGVON<br>CHKD: BELL<br>APPR: PWT<br>2013/08/02<br>2013/08/02<br>2013/08/16 | QUALITY SYMBOLS                                                                                                                         | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                            | DIMENSION STYLE<br>IN/MM |                                | SCALE<br>2:1 | DESIGN UNITS<br>METRIC |  THIRD ANGLE<br>PROJECTION |      |          |      |       |          |       |       |         |       |      |          |   |   |                                                                                                                                                                                                                                                                     |          |      |     |            |            |      |     |            |             |      |       |            |                                                                                                                                                                           |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------------|--------------|------------------------|-----------------------------------------------------------------------------------------------------------------|------|----------|------|-------|----------|-------|-------|---------|-------|------|----------|---|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|-----|------------|------------|------|-----|------------|-------------|------|-------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
|                                                                                                                                   | DESCRIPTION                                                                                                                             |  = 0<br> = 0<br> = 0 | <table><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>±.010</td></tr><tr><td>2 PLACES</td><td>±0.25</td><td>±.014</td></tr><tr><td>1 PLACE</td><td>±0.36</td><td>±---</td></tr><tr><td>0 PLACES</td><td>±</td><td>±</td></tr></table> |                          | mm                             | INCH         | 4 PLACES               | ±---                                                                                                            | ±--- | 3 PLACES | ±--- | ±.010 | 2 PLACES | ±0.25 | ±.014 | 1 PLACE | ±0.36 | ±--- | 0 PLACES | ± | ± | <table><tr><td>DRAWN BY</td><td>DATE</td></tr><tr><td>GEP</td><td>1994/08/01</td></tr><tr><td>CHECKED BY</td><td>DATE</td></tr><tr><td>RJF</td><td>1994/08/01</td></tr><tr><td>APPROVED BY</td><td>DATE</td></tr><tr><td>FSMTH</td><td>2011/09/12</td></tr></table> | DRAWN BY | DATE | GEP | 1994/08/01 | CHECKED BY | DATE | RJF | 1994/08/01 | APPROVED BY | DATE | FSMTH | 2011/09/12 | TITLE<br>RIGHT ANGLE HEADER ASSY<br>SELECTIVELY LOADED<br>MINI-FIT T.P.A. SERIES<br> |  |  |  |
|                                                                                                                                   |                                                                                                                                         | mm                                                                                                                                                                                                                                                                            | INCH                                                                                                                                                                                                                                                                                                                       |                          |                                |              |                        |                                                                                                                 |      |          |      |       |          |       |       |         |       |      |          |   |   |                                                                                                                                                                                                                                                                     |          |      |     |            |            |      |     |            |             |      |       |            |                                                                                                                                                                           |  |  |  |
|                                                                                                                                   | 4 PLACES                                                                                                                                | ±---                                                                                                                                                                                                                                                                          | ±---                                                                                                                                                                                                                                                                                                                       |                          |                                |              |                        |                                                                                                                 |      |          |      |       |          |       |       |         |       |      |          |   |   |                                                                                                                                                                                                                                                                     |          |      |     |            |            |      |     |            |             |      |       |            |                                                                                                                                                                           |  |  |  |
|                                                                                                                                   | 3 PLACES                                                                                                                                | ±---                                                                                                                                                                                                                                                                          | ±.010                                                                                                                                                                                                                                                                                                                      |                          |                                |              |                        |                                                                                                                 |      |          |      |       |          |       |       |         |       |      |          |   |   |                                                                                                                                                                                                                                                                     |          |      |     |            |            |      |     |            |             |      |       |            |                                                                                                                                                                           |  |  |  |
|                                                                                                                                   | 2 PLACES                                                                                                                                | ±0.25                                                                                                                                                                                                                                                                         | ±.014                                                                                                                                                                                                                                                                                                                      |                          |                                |              |                        |                                                                                                                 |      |          |      |       |          |       |       |         |       |      |          |   |   |                                                                                                                                                                                                                                                                     |          |      |     |            |            |      |     |            |             |      |       |            |                                                                                                                                                                           |  |  |  |
|                                                                                                                                   | 1 PLACE                                                                                                                                 | ±0.36                                                                                                                                                                                                                                                                         | ±---                                                                                                                                                                                                                                                                                                                       |                          |                                |              |                        |                                                                                                                 |      |          |      |       |          |       |       |         |       |      |          |   |   |                                                                                                                                                                                                                                                                     |          |      |     |            |            |      |     |            |             |      |       |            |                                                                                                                                                                           |  |  |  |
|                                                                                                                                   | 0 PLACES                                                                                                                                | ±                                                                                                                                                                                                                                                                             | ±                                                                                                                                                                                                                                                                                                                          |                          |                                |              |                        |                                                                                                                 |      |          |      |       |          |       |       |         |       |      |          |   |   |                                                                                                                                                                                                                                                                     |          |      |     |            |            |      |     |            |             |      |       |            |                                                                                                                                                                           |  |  |  |
|                                                                                                                                   | DRAWN BY                                                                                                                                | DATE                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                            |                          |                                |              |                        |                                                                                                                 |      |          |      |       |          |       |       |         |       |      |          |   |   |                                                                                                                                                                                                                                                                     |          |      |     |            |            |      |     |            |             |      |       |            |                                                                                                                                                                           |  |  |  |
|                                                                                                                                   | GEP                                                                                                                                     | 1994/08/01                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                            |                          |                                |              |                        |                                                                                                                 |      |          |      |       |          |       |       |         |       |      |          |   |   |                                                                                                                                                                                                                                                                     |          |      |     |            |            |      |     |            |             |      |       |            |                                                                                                                                                                           |  |  |  |
| CHECKED BY                                                                                                                        | DATE                                                                                                                                    |                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                            |                          |                                |              |                        |                                                                                                                 |      |          |      |       |          |       |       |         |       |      |          |   |   |                                                                                                                                                                                                                                                                     |          |      |     |            |            |      |     |            |             |      |       |            |                                                                                                                                                                           |  |  |  |
| RJF                                                                                                                               | 1994/08/01                                                                                                                              |                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                            |                          |                                |              |                        |                                                                                                                 |      |          |      |       |          |       |       |         |       |      |          |   |   |                                                                                                                                                                                                                                                                     |          |      |     |            |            |      |     |            |             |      |       |            |                                                                                                                                                                           |  |  |  |
| APPROVED BY                                                                                                                       | DATE                                                                                                                                    |                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                            |                          |                                |              |                        |                                                                                                                 |      |          |      |       |          |       |       |         |       |      |          |   |   |                                                                                                                                                                                                                                                                     |          |      |     |            |            |      |     |            |             |      |       |            |                                                                                                                                                                           |  |  |  |
| FSMTH                                                                                                                             | 2011/09/12                                                                                                                              |                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                            |                          |                                |              |                        |                                                                                                                 |      |          |      |       |          |       |       |         |       |      |          |   |   |                                                                                                                                                                                                                                                                     |          |      |     |            |            |      |     |            |             |      |       |            |                                                                                                                                                                           |  |  |  |
| REV                                                                                                                               | ANGULAR $\pm 1/2^\circ$<br>DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                   |                                                                                                                                                                                                                                                                               | MATERIAL NO.<br>SEE CHART                                                                                                                                                                                                                                                                                                  |                          | DOCUMENT NO.<br>SDA-44483-**** |              | SHEET NO.<br>2 OF 3    |                                                                                                                 |      |          |      |       |          |       |       |         |       |      |          |   |   |                                                                                                                                                                                                                                                                     |          |      |     |            |            |      |     |            |             |      |       |            |                                                                                                                                                                           |  |  |  |
| E4                                                                                                                                | SIZE C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                            |                          |                                |              |                        |                                                                                                                 |      |          |      |       |          |       |       |         |       |      |          |   |   |                                                                                                                                                                                                                                                                     |          |      |     |            |            |      |     |            |             |      |       |            |                                                                                                                                                                           |  |  |  |

| CIRCUIT COMPATIBILITY |                            |           |                                                                      |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                |      |
|-----------------------|----------------------------|-----------|----------------------------------------------------------------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------------|------|
| ITEM NO.              | CHARACTERISTIC DESCRIPTION | CKT. SIZE | TERMINAL VERSION REQUIRED AT EACH CIRCUIT LOCATION (SEE CODES BELOW) |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | PACKAGING TYPE |      |
|                       |                            |           | 1                                                                    | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |                |      |
| J                     | 44483-0001                 | I2A1C     | I2                                                                   | 5 | 5 | 5 | 6 | 5 | 5 | 5 | 5 | -  | 5  | 5  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | BULK           |      |
|                       | 44483-0002                 | I2A2C     | I2                                                                   | 5 | 5 | 5 | 6 | 5 | 5 | 5 | 5 | 5  | 5  | 5  | 5  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | BULK           |      |
|                       | 44483-0003                 | I2A1C     | I2                                                                   | 5 | 5 | 5 | 6 | 5 | 5 | 5 | 5 | 5  | 5  | 5  | 5  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | TRAY           |      |
|                       | 44483-0004                 | 04A2C     | 04                                                                   | 5 | 5 | 6 | 5 | - | - | - | - | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | BULK           |      |
| I                     | 44483-0005                 | 04A2A     | 04                                                                   | 7 | 7 | 8 | 7 | - | - | - | - | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | BULK           |      |
|                       | 44483-0006                 | I2A1C     | I2                                                                   | 5 | 5 | 5 | 6 | - | 5 | 5 | 5 | 5  | 5  | 5  | 5  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | BULK           |      |
|                       | 44483-0007                 | I6A2A     | I6                                                                   | 7 | 7 | 8 | 7 | 7 | 8 | 8 | 7 | 8  | 7  | 8  | 7  | 8  | 7  | 7  | 8  | -  | -  | -  | -  | -  | -  | -  | -              | BULK |
|                       | 44483-0008                 | I2A1C     | I2                                                                   | 5 | - | 6 | 6 | - | 5 | - | 5 | 5  | 5  | 5  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | BULK           |      |
| H                     | 44483-0009                 | 06A2C     | 06                                                                   | 5 | 5 | 6 | 5 | 5 | 5 | - | - | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | BULK           |      |
|                       | 44483-0010                 | 06A1C     | 06                                                                   | 5 | - | 6 | 5 | - | 5 | - | - | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | BULK           |      |
|                       | 44483-0011                 | I2A3A     | I2                                                                   | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7  | -  | 7  | 7  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | BULK           |      |
|                       | 44483-0012                 | I2A1C     | I2                                                                   | 5 | 5 | 5 | 6 | 5 | 5 | 5 | 5 | 5  | -  | 5  | 5  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | BULK           |      |
| G                     | 44483-0013                 | I2A1C     | I2                                                                   | 5 | 5 | 5 | 6 | - | 5 | 5 | 5 | 5  | -  | 5  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | TRAY           |      |
|                       | 44483-0014                 | I2A4D     | I2                                                                   | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7  | 7  | 7  | 7  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | TRAY           |      |
|                       | 44483-0015                 | I2B3A     | I2                                                                   | - | 7 | 7 | 7 | 7 | - | - | 7 | 7  | -  | 7  | 7  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | TRAY           |      |
|                       | 44483-0016                 | I2A2C     | I2                                                                   | 6 | 6 | 5 | 5 | 6 | 6 | 6 | 6 | 5  | 5  | 6  | 6  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | TRAY           |      |
| F                     | 44483-0017                 | 04A1C     | 04                                                                   | - | 5 | 6 | 5 | - | - | - | - | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | TRAY           |      |
|                       | 44483-0018                 | 04A1C     | 04                                                                   | 5 | - | 6 | 5 | - | - | - | - | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | TRAY           |      |
|                       | 44483-0019                 | 04A1C     | 04                                                                   | 5 | 5 | 6 | - | - | - | - | - | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | -  | TRAY           |      |

CHARACTERISTICS LEGEND:

CIRCUIT SIZE  
(02-24)

HOUSING STYLE

A = FLANGES  
B = PEGS  
VOIDS  
1 = WITH VOIDS, WITH GROUND PIN  
2 = W/O VOIDS, WITH GROUND PIN  
3 = WITH VOIDS, W/O GROUND PIN  
4 = W/O VOIDS, W/O GROUND PIN

PLATING COMBINATION (SEE NOTE 2)  
A = MATTE TIN  
C = SELECT GOLD  
D = MIXED PLATINGS

NOTES:  
1. MATERIAL:  
HOUSING: POLYESTER, UNFILLED, UL94 V-0, COLOR: BLACK  
TERMINAL: BRASS  
2. FINISH (TERMINAL):  
SELECT GOLD = .000030/(.00076) MIN, GOLD OVER .000100/(.00254) MIN, SELECT MATTE TIN OVER .000050/(.00127) MIN, NICKEL OVERALL  
MATTE TIN = .000100/(.00254) MIN MATTE TIN OVER .000050/(.00127) MIN NICKEL OVERALL  
3. PRODUCT SPECIFICATION: PS-5556-003  
4. PACKAGING: SEE CHART  
TRAY PACKED PER: PK-44483-001  
BULK PACKED PER: PK-30070-001  
5. PART MATES WITH MINI-FIT T.P.A. RECEPTACLE 30067-\*.  
6. FLANGE MOUNT PART IS DESIGNED FOR USE WITH #4 OR M3 SELF TAPPING SCREWS.  
7. SEE CHART ABOVE FOR STANDARD PIN, GROUND PIN AND VOID LOCATIONS.  
8. PARTS ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.  
9. PART IS NOT DESIGNED FOR CURRENT SHARING.  
10. ITEM NUMBERS PRECEDED BY AND "X" IN THE CHART ABOVE ARE NOT AVAILABLE.  
11. PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.  
12. DISCOLORATION IN THE BANDOLIER CARRIER 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.  
13. FORMING MARKS ARE ACCEPTABLE.

SEE SHEET 1  
EC NO: UCP2014-0298  
DRAWN: NGUYEN 2013/08/02  
CHKD: JRELL 2013/08/02  
APPR: F.S.MITH 2013/08/16

QUALITY SYMBOLS  
▽=0  
▽=0  
▽=0

PIN I.D. CODES FOR CHART ABOVE  
PIN TYPE & PLATING (SEE NOTE 2)  
"5" = VOID LOC.  
"5" = STANDARD PIN, SELECT GOLD  
"6" = GROUNDING PIN, SELECT GOLD  
"7" = STANDARD PIN, MATTE TIN  
"8" = GROUNDING PIN, MATTE TIN

GENERAL TOLERANCES (UNLESS SPECIFIED)  
4 PLACES ±.000 ±.000  
3 PLACES ±.000 ±.010  
2 PLACES ±.025 ±.014  
1 PLACE ±.036 ±.000  
0 PLACE ±.000 ±.000  
ANGULAR ±1/2°  
DRAFT WHERE APPLICABLE  
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE IN/MM  
DRAWN BY DATE  
GEP 1994/08/01  
CHECKED BY DATE  
R.J.F. 1994/08/01  
APPROVED BY DATE  
F.S.MITH 2011/09/12

SCALE 1:1  
DESIGN UNITS METRIC  
THIRD ANGLE PROJECTION

RIGHT ANGLE HEADER ASSY  
SELECTIVELY LOADED  
MINI-FIT T.P.A. SERIES  
molex

SEE CHART  
SDA-44483-\*\*\*\*  
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SHEET NO. 3 OF 3

1b\_frame\_C\_P\_AM\_T  
Rev. G 2012/01/11

12

11

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4

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### CHARACTERISTICS LEGEND:

#### CIRCUIT SIZE

(02-24)

#### HOUSING STYLE

A = FLANGES

B = PEGS

#### VOIDS

1 = WITH VOIDS, WITH GROUND PIN

2 = W/O VOIDS, WITH GROUND PIN

3 = WITH VOIDS, W/O GROUND PIN

4 = W/O VOIDS, W/O GROUND PIN

#### PLATING COMBINATION (SEE NOTE 2)

A = MATTE TIN

C = SELECT GOLD

D = MIXED PLATINGS

### NOTES:

#### 1. MATERIAL:

HOUSING: POLYSESTER, UNFILLED, UL94 V-0, COLOR: BLACK

TERMINAL: BRASS

#### 2. FINISH (TERMINAL):

SELECT GOLD = .000030/(.00076) MIN, GOLD OVER .000100/(.00254) MIN, SELECT MATTE TIN

OVER .000050/(.00127) MIN, NICKEL OVERALL

MATTE TIN = .000100/(.00254) MIN MATTE TIN OVER .000050/(.00127) MIN NICKEL OVERALL

#### 3. PRODUCT SPECIFICATION: PS-5556-003

#### 4. PACKAGING: SEE CHART

TRAY PACKED PER: PK-44483-001

BULK PACKED PER: PK-30070-001

#### 5. PART MATES WITH MINI-FIT T.P.A. RECEPTACLE 30067-X.

#### 6. FLANGE MOUNT PART IS DESIGNED FOR USE WITH #4 OR M3 SELF TAPPING SCREWS.

#### 7. SEE CHART ABOVE FOR STANDARD PIN, GROUND PIN AND VOID LOCATIONS.

#### 8. PARTS ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.

#### 9. PART IS NOT DESIGNED FOR CURRENT SHARING.

#### 10. ITEM NUMBERS PRECEDED BY AND "X" IN THE CHART ABOVE ARE NOT AVAILABLE.

#### 11. PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

#### 12. DISCOLORATION IN THE BANDOLIER CARRIER 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.

#### 13. FORMING MARKS ARE ACCEPTABLE.

### PIN I.D. CODES FOR CHART ABOVE

#### PIN TYPE & PLATING (SEE NOTE 2)

"-" = VOID LOC.

"5" = STANDARD PIN, SELECT GOLD

"6" = GROUNDING PIN, SELECT GOLD

"7" = STANDARD PIN, MATTE TIN

"8" = GROUNDING PIN, MATTE TIN

#### GENERAL TOLERANCES (UNLESS SPECIFIED)

mm INCH

4 PLACES ± .005 ± .005

3 PLACES ± .005 ± .010

2 PLACES ± 0.25 ± .014

1 PLACE ± 0.36 ± .014

0 PLACE ± .014 ± .014

ANGULAR ± 1/2°

DRAFT WHERE APPLICABLE

MUST REMAIN WITHIN DIMENSIONS

#### DIMENSION STYLE

IN/MM

DRAWN BY DATE

GEP 1994/08/01

CHECKED BY DATE

RJF 1994/08/01

APPROVED BY DATE

FSMITH 2011/09/12

MATERIAL NO.

SEE CHART

SIZE C

#### SCALE

1:1

#### DESIGN UNITS

METRIC

#### THIRD ANGLE PROJECTION

RIGHT ANGLE HEADER ASSY

SELECTIVELY LOADED

MINI-FIT T.P.A. SERIES

**molex**

SDA-44483-\*\*\*\*

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX

INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SHEET NO. 3 OF 3