

## Excellent Integrated System Limited

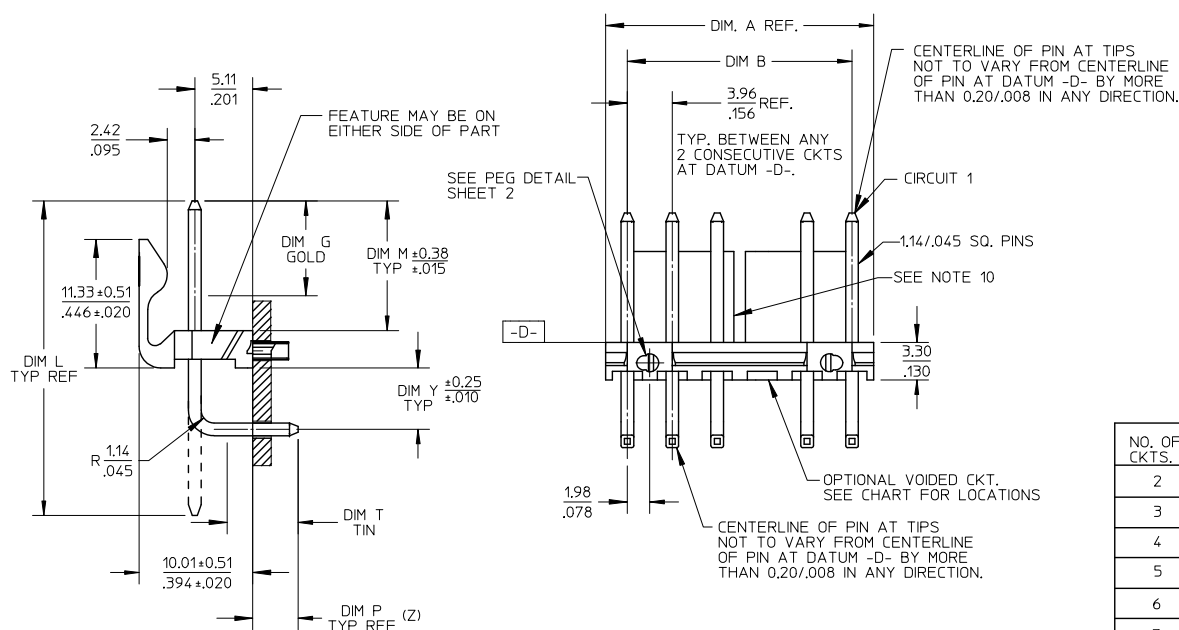
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)  
[0428920081](#)

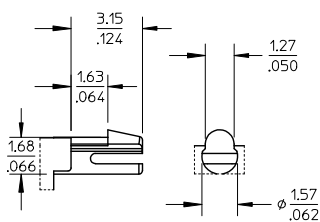
For any questions, you can email us directly:

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

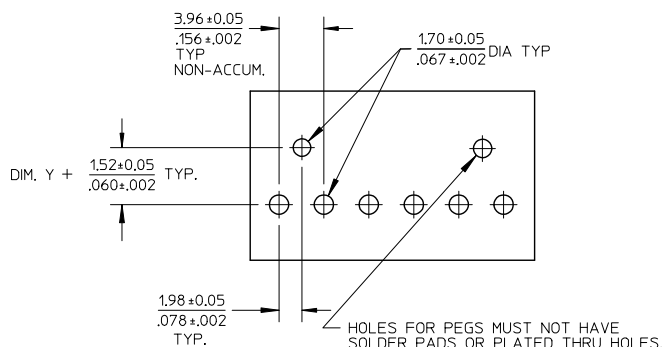


| NO. OF CKTS. | DIM. A                | DIM. B                                | SLOT LOC BETWEEN CKTS |
|--------------|-----------------------|---------------------------------------|-----------------------|
| 2            | $\frac{7.77}{.306}$   | $\frac{3.96\pm 0.05}{.156\pm 0.02}$   | NONE                  |
| 3            | $\frac{11.73}{.462}$  | $\frac{7.92\pm 0.08}{.312\pm 0.03}$   | NONE                  |
| 4            | $\frac{15.70}{.618}$  | $\frac{11.89\pm 0.08}{.468\pm 0.03}$  | NONE                  |
| 5            | $\frac{19.66}{.774}$  | $\frac{15.85\pm 0.10}{.624\pm 0.04}$  | NONE                  |
| 6            | $\frac{23.62}{.930}$  | $\frac{19.81\pm 0.10}{.780\pm 0.04}$  | 3 & 4                 |
| 7            | $\frac{27.58}{1.086}$ | $\frac{23.77\pm 0.10}{.936\pm 0.04}$  | 4 & 5                 |
| 8            | $\frac{31.55}{1.242}$ | $\frac{27.74\pm 0.13}{1.092\pm 0.05}$ | 4 & 5                 |
| 9            | $\frac{35.51}{1.398}$ | $\frac{31.70\pm 0.13}{1.248\pm 0.05}$ | 5 & 6                 |
| 10           | $\frac{39.47}{1.554}$ | $\frac{35.66\pm 0.13}{1.404\pm 0.05}$ | 5 & 6                 |
| 11           | $\frac{43.43}{1.710}$ | $\frac{39.62\pm 0.15}{1.560\pm 0.06}$ | 6 & 7                 |
| 12           | $\frac{47.40}{1.866}$ | $\frac{43.59\pm 0.15}{1.716\pm 0.06}$ | 4 & 5<br>8 & 9        |

|             |                     |            |            |            |             |                 |                                                      |        |          |                 |          |                                                                                                                               |              |                        |           |  |
|-------------|---------------------|------------|------------|------------|-------------|-----------------|------------------------------------------------------|--------|----------|-----------------|----------|-------------------------------------------------------------------------------------------------------------------------------|--------------|------------------------|-----------|--|
| DIMENSION M | EC NO: UCP2013-4786 | 2012/11/05 | 2012/11/07 | 2012/11/06 | DESCRIPTION | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED)                |        |          | DIMENSION STYLE |          | SCALE                                                                                                                         | DESIGN UNITS | THIRD ANGLE PROJECTION |           |  |
|             | DRWN:MS1T0H         |            |            |            |             |                 | mm                                                   | INCH   | DRAWN BY | DATE            | TITLE    |                                                                                                                               |              |                        |           |  |
|             | CHKD:MK1P0R         |            |            |            |             |                 | 4 PLACES                                             | ± ---  | ± ---    | SCHAFER         | 12-12-03 | FRICTION LOCK HDR. ASSY.                                                                                                      |              |                        |           |  |
|             | APPR:FSH1TH         |            |            |            |             |                 | 3 PLACES                                             | ± ---  | ± .010   | CHECKED BY      | DATE     | .156 BENT SQ PINS W/PEGS                                                                                                      |              |                        |           |  |
|             |                     |            |            |            |             |                 | 2 PLACES                                             | ± 0.25 | ± .015   | SAMIEC          | 12-15-03 | RT. ANGLE MOUNT                                                                                                               |              |                        |           |  |
|             |                     |            |            |            |             |                 | 1 PLACE                                              | ± 0.38 | ± ---    | APPROVED BY     | DATE     | molex                                                                                                                         |              |                        |           |  |
|             |                     |            |            |            |             |                 | 0 PLACE                                              | ±      | ±        | MARGULIS        | 12-19-03 |                                                                                                                               |              |                        |           |  |
|             |                     |            |            |            |             |                 | ANGULAR ±1/2°                                        |        |          | MATERIAL NO.    |          | DOCUMENT NO.                                                                                                                  |              |                        | SHEET NO. |  |
|             |                     |            |            |            |             |                 | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |        |          | SEE CHART       |          | SD-42892-001                                                                                                                  |              |                        | 1 OF *    |  |
|             |                     |            |            |            |             |                 |                                                      |        |          |                 | SIZE A   | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |              |                        |           |  |



PEG DETAIL



RECOMMENDED PC BOARD HOLE LAYOUT:  
COMPONENT SIDE FOR 1.57/.062 THICK PCB

FOR CORRECT ORIENTATION OF PARTS WITH  
VOIDS, ELIMINATE CORRESPONDING PCB HOLE.

NOTES:

1. MATERIAL: HEADER-GLASS FILLED POLYESTER, 94V-0, MOLDED NATURAL WHITE  
PINS: BRASS
2. FINISHES: (197) OVERALL REFLOWED MATTE TIN: 0.00152/.000060 MIN.  
OVER 0.00127/.000050 MIN. NICKEL OVERALL.  
(208) SELECT GOLD: 0.00038/.000015  
SELECT TIN: 0.00254/.000100  
OVERALL NICKEL UNDERPLATE: 0.00127/.000050  
(228) SELECT GOLD: 0.00076/.000030  
SELECT TIN: 0.00254/.000100  
OVERALL NICKEL UNDERPLATE: 0.00127/.000050  
(241) SELECT GOLD: 0.00051/.000020 MIN.  
SELECT TIN: 0.00254/.000100 MIN.  
OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN.
3. PRODUCT SPECIFICATION: SEE PS-08-50.
4. PACKAGING INFO: SEE TABLES
5. SOLDERABILITY: PER SMES-152
6. PIN PUSH OUT FORCE: PRIOR TO SOLDERING, A 3 LB MINIMUM FORCE (IN EITHER DIRECTION)  
SHALL BE REQUIRED TO PUSH THE PIN OUT OF THE HEADER.
7. PARTS ARE STACKABLE END TO END ON (3.96)/.156 CENTERS.
8. FOR PART WITHOUT PEGS SEE DWG. NO. SDA-41792.
9. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC  
SPECIFICATION PS-45499-002.
10. SLOTS ON BACKWALL ARE BETWEEN CIRCUITS. SEE CHART FOR LOCATION.

|                                                                                                                     |    |     |             |                                                                                        |                                       |                      |                                                                                                                                  |  |              |                      |                                                                                                              |                                                                                                  |                              |                     |  |  |  |  |  |
|---------------------------------------------------------------------------------------------------------------------|----|-----|-------------|----------------------------------------------------------------------------------------|---------------------------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------|--|--------------|----------------------|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|------------------------------|---------------------|--|--|--|--|--|
| SEE SHEET 1<br>EC NO: UCP2013-1786<br>DRAWN:MMSTROH 2012/11/05<br>CHKD:MKIPPER 2012/11/07<br>APPR:FSMITH 2012/11/06 | H2 | REV | DESCRIPTION | QUALITY SYMBOLS                                                                        | GENERAL TOLERANCES (UNLESS SPECIFIED) |                      | DIMENSION STYLE<br>MM/IN                                                                                                         |  | SCALE<br>2:1 | DESIGN UNITS<br>INCH |  THIRD ANGLE PROJECTION | TITLE<br>FRICTION LOCK HDR. ASSY.<br>.156 BENT SQ PINS W/PEGS<br>RT. ANGLE MOUNT<br><b>molex</b> | DOCUMENT NO.<br>SD-42892-001 | SHEET NO.<br>2 OF * |  |  |  |  |  |
|                                                                                                                     |    |     |             |  =0 | 4 PLACES ± --- ± ---                  | DRAWN BY<br>SCHAFFER | DATE<br>12-12-03                                                                                                                 |  |              |                      |                                                                                                              |                                                                                                  |                              |                     |  |  |  |  |  |
|                                                                                                                     |    |     |             |  =0 | 3 PLACES ± --- ± .010                 | CHECKED BY<br>SAMIEC | DATE<br>12-15-03                                                                                                                 |  |              |                      |                                                                                                              |                                                                                                  |                              |                     |  |  |  |  |  |
|                                                                                                                     |    |     |             |  =0 | 2 PLACES ± 0.25 ± .015                | APPROVED BY          | DATE                                                                                                                             |  |              |                      |                                                                                                              |                                                                                                  |                              |                     |  |  |  |  |  |
|                                                                                                                     |    |     |             |                                                                                        | 1 PLACE ± 0.38 ± ---                  | MARGULIS             | 12-19-03                                                                                                                         |  |              |                      |                                                                                                              |                                                                                                  |                              |                     |  |  |  |  |  |
|                                                                                                                     |    |     |             |                                                                                        | 0 PLACE ± ±                           | MATERIAL NO.         |                                                                                                                                  |  |              |                      |                                                                                                              |                                                                                                  |                              |                     |  |  |  |  |  |
|                                                                                                                     |    |     |             | ANGULAR ±1/2°                                                                          |                                       | SEE CHART            |                                                                                                                                  |  |              |                      |                                                                                                              |                                                                                                  |                              |                     |  |  |  |  |  |
|                                                                                                                     |    |     |             | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                             |                                       | SIZE<br>A            | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |              |                      |                                                                                                              |                                                                                                  |                              |                     |  |  |  |  |  |