

## Excellent Integrated System Limited

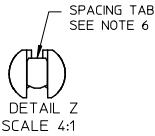
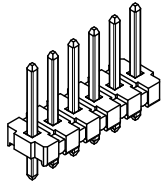
Stocking Distributor

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

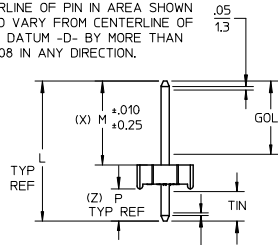
[Molex Connector Corporation](#)  
[0026486031](#)

For any questions, you can email us directly:

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



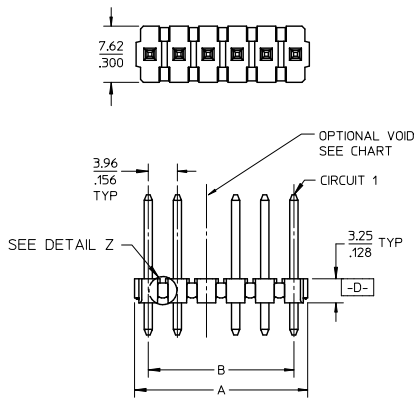
CENTERLINE OF PIN IN AREA SHOWN NOT TO VARY FROM CENTERLINE OF PIN AT DATUM -D- BY MORE THAN 0.20/.008 IN ANY DIRECTION.



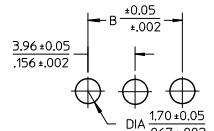
CENTERLINE OF PIN IN AREA SHOWN NOT TO VARY FROM CENTERLINE OF PIN AT DATUM -D- BY MORE THAN 0.13/.005 IN ANY DIRECTION.

- NOTES:
1. MATERIAL: HEADER: GLASS FILLED POLYESTER, 94V-0, MOLDED BLACK.
  2. FINISH:
    - (197) OVERALL REFLOWED MATTE TIN: 0.00152/.000060 MIN OVER 0.00127/.000050 MIN. NICKEL OVERALL.
    - (222) OVERALL MATTE TIN: 0.00254/.000100 MIN OVER 0.00127/.000050 MIN. NICKEL
    - (208) SELECT GOLD: 0.00038/.000015 MIN. SELECT TIN: 0.00254/.000100 MIN. OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN.
    - (228) SELECT GOLD: 0.00076/.000030 MIN. SELECT TIN: 0.00254/.000100 MIN. OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN.
    - (241) SELECT GOLD: 0.00051/.000020 MIN. SELECT TIN: 0.00254/.000100 MIN. OVERALL NICKEL UNDERPLATE: 0.00127/.000050 MIN.
  3. THIS PART CONFORMS TO PRODUCT SPEC PS-08-50.
  4. PACKAGING: SEE CHARTS.
  5. SOLDERABILITY: SEE SMES 152.
  6. PARTS ARE STACKABLE END TO END ON 3.96/.156 CENTERS. (SPACING TABS MUST BE REMOVED ON CIRCUIT SIZES 2 THRU 23 BEFORE PARTS ARE STACKABLE.)
  7. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
  8. 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.

|                |        |           |
|----------------|--------|-----------|
| DRAWING FORMAT | SHEETS | REV LEVEL |
| GENERAL DOCS.  | 2-*    | BE        |
| ANNOTATOR      | 1      |           |



A-41661- \* N \* - \*  
PACKAGING & OPTIONS  
B=BRASS-BULK PACKED  
NO. OF CKTS.  
VOID CODE  
BLANK=NO VOIDS  
NO=CKT NO. VOIDED  
MULT. VOIDS START WITH #51  
PLATING CODE  
PIN DIMENSIONS



PCB LAYOUT: COMPONENT SIDE  
RECOMMENDED PCB THICKNESS:  
1.57+.18/.062+.007

| B           | A                         | CKT SIZE |
|-------------|---------------------------|----------|
| 3.96/.156   | 6.78-7.87 / .267-.310     | 2        |
| 7.92/.312   | 10.74-11.84 / .423-.466   | 3        |
| 11.89/.468  | 14.71-15.80 / .579-.622   | 4        |
| 15.85/.624  | 18.67-19.76 / .735-.778   | 5        |
| 19.81/.780  | 22.63-23.72 / .891-.934   | 6        |
| 23.77/.936  | 26.59-27.69 / 1.047-1.090 | 7        |
| 27.74/1.092 | 30.56-31.65 / 1.203-1.246 | 8        |
| 31.70/1.248 | 34.52-35.61 / 1.359-1.402 | 9        |
| 35.66/1.404 | 38.48-39.57 / 1.515-1.558 | 10       |
| 39.62/1.560 | 42.44-43.54 / 1.671-1.714 | 11       |
| 43.59/1.716 | 46.41-47.50 / 1.827-1.870 | 12       |
| 47.55/1.872 | 50.37-51.46 / 1.983-2.026 | 13       |
| 51.51/2.028 | 54.33-55.42 / 2.139-2.182 | 14       |
| 55.47/2.184 | 58.29-59.39 / 2.295-2.338 | 15       |
| 59.44/2.340 | 62.26-63.35 / 2.451-2.494 | 16       |
| 63.40/2.496 | 66.22-67.31 / 2.607-2.650 | 17       |
| 67.36/2.652 | 70.18-71.27 / 2.763-2.806 | 18       |
| 71.32/2.808 | 74.14-75.23 / 2.919-2.962 | 19       |
| 75.29/2.964 | 78.11-79.20 / 3.075-3.118 | 20       |
| 79.25/3.120 | 82.07-83.16 / 3.231-3.274 | 21       |
| 83.21/3.276 | 86.03-87.12 / 3.387-3.430 | 22       |
| 87.17/3.432 | 89.94-91.08 / 3.541-3.586 | 23       |
| 91.14/3.588 | 93.85-95.00 / 3.695-3.740 | 24       |

|                                                                                                     |             |                                                                                                                                      |                                       |                              |                 |                     |                                                        |              |                        |  |  |
|-----------------------------------------------------------------------------------------------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|------------------------------|-----------------|---------------------|--------------------------------------------------------|--------------|------------------------|--|--|
| ADD FINISH 1971<br>EC NO: UCF2012-0014<br>DRAWN BY: JDRWNSMTR0H<br>CHKD BY: KIPER<br>APPR: F5M11/28 | DESCRIPTION | QUALITY SYMBOLS<br><br>▽=0<br><br>▽=0<br><br>▽=0                                                                                     | GENERAL TOLERANCES (UNLESS SPECIFIED) |                              | DIMENSION STYLE |                     | SCALE                                                  | DESIGN UNITS | THIRD ANGLE PROJECTION |  |  |
|                                                                                                     |             |                                                                                                                                      |                                       |                              | MM/IN           |                     | 2:1                                                    | INCH         |                        |  |  |
|                                                                                                     |             |                                                                                                                                      |                                       |                              | DRAWN BY        | DATE                | TITLE                                                  |              |                        |  |  |
|                                                                                                     |             |                                                                                                                                      | 4 PLACES ± --- ± ---                  |                              | JSCHAFER        | 2004/03/04          | KK .156 HEADER ASSEMBLY<br>FLAT BREAKAWAY<br>2-24 CKTS |              |                        |  |  |
|                                                                                                     |             |                                                                                                                                      | 3 PLACES ± --- ± .010                 |                              | CHECKED BY      | DATE                |                                                        |              |                        |  |  |
|                                                                                                     |             |                                                                                                                                      | 2 PLACES ± .025 ± .014                |                              | KSAMIEC         | 2004/03/04          |                                                        |              |                        |  |  |
|                                                                                                     |             |                                                                                                                                      | 1 PLACE ± 0.36 ± ---                  |                              | APPROVED BY     | DATE                | MOLEX MOLEX INCORPORATED                               |              |                        |  |  |
| ANGULAR ±1/2°                                                                                       |             | MARGULIS                                                                                                                             | 2004/03/04                            |                              |                 |                     |                                                        |              |                        |  |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                          |             | MATERIAL NO.<br>SEE CHART                                                                                                            |                                       | DOCUMENT NO.<br>SD-41661-001 |                 | SHEET NO.<br>1 OF * |                                                        |              |                        |  |  |
| BE                                                                                                  |             | SIZE B THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                       |                              |                 |                     |                                                        |              |                        |  |  |