

## Excellent Integrated System Limited

Stocking Distributor

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[Molex Connector Corporation](#)  
[0022285102](#)

For any questions, you can email us directly:

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

| NO. CKTS | DIM. A | DIM. B |
|----------|--------|--------|
| 2        | 5.08   | 2.54   |
| 3        | 7.62   | 5.08   |
| 4        | 10.16  | 7.62   |
| 5        | 12.70  | 10.16  |
| 6        | 15.24  | 12.70  |
| 7        | 17.78  | 15.24  |
| 8        | 20.32  | 17.78  |
| 9        | 22.86  | 20.32  |
| 10       | 25.40  | 22.86  |
| 11       | 27.94  | 25.40  |
| 12       | 30.48  | 27.94  |
| 13       | 33.02  | 30.48  |
| 14       | 35.56  | 33.02  |
| 15       | 38.10  | 35.56  |
| 16       | 40.64  | 38.10  |
| 17       | 43.18  | 40.64  |
| 18       | 45.72  | 43.18  |
| 19       | 48.26  | 45.72  |
| 20       | 50.80  | 48.26  |
| 21       | 53.34  | 50.80  |
| 22       | 55.88  | 53.34  |
| 23       | 58.42  | 55.88  |
| 24       | 60.96  | 58.42  |
| 25       | 63.50  | 60.96  |
| 26       | 66.04  | 63.50  |
| 27       | 68.58  | 66.04  |
| 28       | 71.12  | 68.58  |
| 29       | 73.66  | 71.12  |
| 30       | 76.20  | 73.66  |
| 31       | 78.74  | 76.20  |
| 32       | 81.28  | 78.74  |
| 33       | 83.82  | 81.28  |
| 34       | 86.36  | 83.82  |
| 35       | 88.90  | 86.36  |
| 36       | 91.44  | 88.90  |
|          | 3.000  | 3.500  |



- NOTES:
- MATERIAL: GLASS FILLED NYLON U.L. 94V-0. COLOR: BLACK
  - FINISH (SEE LAST 3 DIGITS OF PIN NUMBER) (154) OVERALL TIN: 0.00254/0.000100 MIN. OVER NICKEL: 0.00127/0.000050 MIN. (118) OVERALL TIN: 0.00152/0.000060 MIN. OVER NICKEL: 0.00127/0.000050 MIN. (208) SELECT GOLD: 0.00038/0.000015 MIN. SELECT TIN: 0.00254/0.000100 MIN. WITH OVERALL NICKEL UNDERPLATE: 0.00127/0.000050 MIN. (228) SELECT GOLD: 0.00076/0.000030 MIN. SELECT TIN: 0.00254/0.000100 MIN. WITH OVERALL NICKEL UNDERPLATE: 0.00127/0.000050 MIN.
  - PRODUCT SPECIFICATION PS 10-07.
  - PACKAGING INFORMATION: SEE TABLES
  - SOLDERABILITY PER SMES-152.
  - KINK PIN OPTION NOT RECOMMENDED FOR 2 CIRCUIT PARTS. HOLE SIZE MAY NEED TO BE ADJUSTED FOR 2 CIRCUIT PARTS WITH KINK OPTION FOR PROPER INSERTION INTO THE PCB. SEE SMES-42003 FOR ADDITIONAL INFORMATION ON KINK PIN DIRECTION AND PLACEMENT.
  - HEADERS ARE NOT STACKABLE ON 2.54/100 CENTERS.
  - PIN PUSH OUT FORCE: 3 LBS. MIN
  - THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
  - PIN TIP DIMENSIONS ARE SHOWN FOR REFERENCE ONLY. DIMENSIONS APPLY PRIOR TO PLATING OR ASSEMBLY.



| ADD: 42375-4445<br>DEC. NO.: UCP2014-3773<br>DRAWN BY: BRUNNY/PER<br>2014/02/07<br>CHECKED BY: CHKONGJUN<br>2014/02/07<br>APPROVED BY: SMITH<br>2014/02/06 | QUALITY SYMBOLS<br>∇=0<br>∇=0<br>∇=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>± .010</td><td>± .0004</td></tr> <tr><td>3 PLACES</td><td>± .015</td><td>± .0006</td></tr> <tr><td>2 PLACES</td><td>± 0.25</td><td>± .010</td></tr> <tr><td>1 PLACE</td><td>± 0.38</td><td>± .015</td></tr> <tr><td>0 PLACE</td><td>±</td><td>±</td></tr> </table> ANGULAR ±1/2°<br>DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS |                              | mm                  | INCH | 4 PLACES | ± .010 | ± .0004 | 3 PLACES | ± .015 | ± .0006 | 2 PLACES | ± 0.25 | ± .010 | 1 PLACE | ± 0.38 | ± .015 | 0 PLACE | ± | ± | DIMENSION STYLE<br>MM/IN | SCALE<br>2:1 | DESIGN UNITS<br>INCH | THIRD ANGLE PROJECTION |
|--|---|---|------------------------------|---------------------|------|----------|--------|---------|----------|--------|---------|----------|--------|--------|---------|--------|--------|---------|---|---|--------------------------|--------------|----------------------|------------------------|
|  |   |   |                              | mm                  | INCH |          |        |         |          |        |         |          |        |        |         |        |        |         |   |   |                          |              |                      |                        |
| 4 PLACES   | ± .010  | ± .0004   |                              |                     |      |          |        |         |          |        |         |          |        |        |         |        |        |         |   |   |                          |              |                      |                        |
| 3 PLACES   | ± .015  | ± .0006   |                              |                     |      |          |        |         |          |        |         |          |        |        |         |        |        |         |   |   |                          |              |                      |                        |
| 2 PLACES   | ± 0.25  | ± .010  |                              |                     |      |          |        |         |          |        |         |          |        |        |         |        |        |         |   |   |                          |              |                      |                        |
| 1 PLACE  | ± 0.38  | ± .015  |                              |                     |      |          |        |         |          |        |         |          |        |        |         |        |        |         |   |   |                          |              |                      |                        |
| 0 PLACE  | ±   | ±   |                              |                     |      |          |        |         |          |        |         |          |        |        |         |        |        |         |   |   |                          |              |                      |                        |
| DRAWN BY: SCHAFFER<br>DATE: 11/3/03<br>CHECKED BY: SAMIEC<br>DATE: 2004/02/27<br>APPROVED BY: MARGULIS<br>DATE: 2004/02/27                                 | TITLE<br>KK 100 HEADER ASSY<br>FLAT VERTICAL<br>BREAKAWAY | MATERIAL NO.<br>SEE CHART   | DOCUMENT NO.<br>SD-42375-001 | SHEET NO.<br>1 OF * |      |          |        |         |          |        |         |          |        |        |         |        |        |         |   |   |                          |              |                      |                        |