

Excellent Integrated System Limited

Stocking Distributor

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

[Molex Connector Corporation](#)
[0022283144](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

| NO. OF CKTS. | DIM. A | DIM. B |
|--------------|-------------|-------------|
| 2 | .400/2.54 | .200/5.08 |
| 3 | .200/5.08 | .300/7.62 |
| 4 | .300/7.62 | .400/10.16 |
| 5 | .400/10.16 | .500/12.70 |
| 6 | .500/12.70 | .600/15.24 |
| 7 | .600/15.24 | .700/17.78 |
| 8 | .700/17.78 | .800/20.32 |
| 9 | .800/20.32 | .900/22.86 |
| 10 | .900/22.86 | 1.000/25.40 |
| 11 | 1.000/25.40 | 1.100/27.94 |
| 12 | 1.100/27.94 | 1.200/30.48 |
| 13 | 1.200/30.48 | 1.300/33.02 |
| 14 | 1.300/33.02 | 1.400/35.56 |
| 15 | 1.400/35.56 | 1.500/38.10 |
| 16 | 1.500/38.10 | 1.600/40.64 |
| 17 | 1.600/40.64 | 1.700/43.18 |
| 18 | 1.700/43.18 | 1.800/45.72 |
| 19 | 1.800/45.72 | 1.900/48.26 |
| 20 | 1.900/48.26 | 2.000/50.80 |
| 21 | 2.000/50.80 | 2.100/53.34 |
| 22 | 2.100/53.34 | 2.200/55.88 |
| 23 | 2.200/55.88 | 2.300/58.42 |
| 24 | 2.300/58.42 | 2.400/60.96 |
| 25 | 2.400/60.96 | 2.500/63.50 |
| 26 | 2.500/63.50 | 2.600/66.04 |
| 27 | 2.600/66.04 | 2.700/68.58 |
| 28 | 2.700/68.58 | 2.800/71.12 |
| 29 | 2.800/71.12 | 2.900/73.66 |
| 30 | 2.900/73.66 | 3.000/76.20 |
| 31 | 3.000/76.20 | 3.100/78.74 |
| 32 | 3.100/78.74 | 3.200/81.28 |
| 33 | 3.200/81.28 | 3.300/83.82 |
| 34 | 3.300/83.82 | 3.400/86.36 |
| 35 | 3.400/86.36 | 3.500/88.90 |
| 36 | 3.500/88.90 | 3.600/91.44 |



DETAIL X
SCALE 5:1
SEE NOTE 10



DETAIL Y
SCALE 5:1
SEE NOTE 10



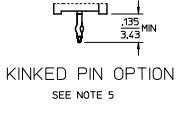
DETAIL Z
SCALE 5:1



SEE DETAIL Y
SEE DETAIL Z
CIRCUIT NO. 1 -
OPTIONAL VOIDED CIRCUIT
SEE CHART FOR LOCATION
CENTERLINE OF PIN IN .05 AREA SHOWN NOT TO VARY FROM CENTERLINE OF PIN AT DATUM -E- BY MORE THAN .005/0.13 IN ANY DIRECTION.



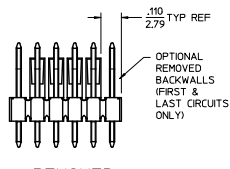
- NOTES:
1. MATERIAL: GLASS FILLED NYLON. 94V-0. COLOR: BLACK
 2. FINISH:
 - (154) OVERALL TIN: .000100/0.00254 MIN. OVER .000050/0.00127 MIN NICKEL.
 - (120B) SELECT GOLD: .000015/0.00038 MIN. SELECT TIN: .000100/0.00254 MIN. OVERALL NICKEL UNDERPLATE: .000050/0.00127 MIN.
 - (128) SELECT GOLD: .000030/0.00076 MIN. SELECT TIN: .000010/0.00254 MIN. OVERALL NICKEL UNDERPLATE: .000050/0.00127 MIN.
 3. PRODUCT SPECIFICATION PS 10-07.
 4. PACKAGING INFORMATION: SEE TABLES
 5. KINK PIN OPTION NOT RECOMMENDED FOR 2 CIRCUIT PARTS. HOLE SIZE MAY NEED TO BE ADJUSTED ON 2 CIRCUIT PARTS WITH KINK OPTION FOR PROPER INSERTION INTO THE PCB. SEE SPES-42003 FOR ADDITIONAL INFORMATION ON KINK DIRECTION AND PLACEMENT.
 6. HEADERS ARE NOT STACKABLE ON .100/2.54 CENTERS.
 7. SOLDERABILITY PER SPES-162.
 8. PIN PUSH OUT FORCE: 3 LBS. MIN.
 9. PARTS CONFORM TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
 10. PIN TIP DIMENSIONS ARE SHOWN FOR REFERENCE ONLY. DIMENSIONS APPLY PRIOR TO PLATING OR ASSEMBLY.
 11. FIRST AND LAST CIRCUIT BACKWALLS MUST BE REMOVED WHEN MATING TO A PART WITH POLARIZING RBS.



KINKED PIN OPTION
SEE NOTE 5



RECOMMENDED PC BOARD LAYOUT
SEE NOTE 5



REMOVED BACKWALL OPTION
SEE NOTE 11

| REV | DESCRIPTION | DATE |
|-----|---------------------|------------|
| 1 | ADD NOTE 11 | 2013/10/01 |
| 2 | EC NO: UCP2014-1471 | 2013/10/01 |
| 3 | DRW:MK/PEER | 2013/10/01 |
| 4 | CHK:RANDERSON | 2013/10/01 |
| 5 | APP:RFS/TH | 2013/10/09 |

| QUALITY SYMBOLS |
|-----------------|
| ▽=0 |
| ▽=0 |
| ▽=0 |

| GENERAL TOLERANCES (UNLESS SPECIFIED) | |
|---------------------------------------|---------|
| mm | INCH |
| 4 PLACES ± .010 | ± .0004 |
| 3 PLACES ± .010 | ± .0004 |
| 2 PLACES ± .025 | ± .010 |
| 1 PLACE ± 0.36 | ± .014 |
| 0 PLACE ± | ± |

| DIMENSION STYLE | |
|----------------------|------------|
| IN/MM | DATE |
| DRAWN BY JSCHAFFER | 2004/03/20 |
| CHECKED BY | DATE |
| APPROVED BY MARGULIS | 2004/03/20 |

| SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
|---|---------------------------|------------------------|
| 2:1 | INCH | ☉ |
| .100 POLARIZING BREAKAWAY HEADER ASSY | | |
| molex | | |
| MATERIAL NO. SEE CHART | DOCUMENT NO. SD-42225-001 | SHEET NO. 1 OF * |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | |