

## Excellent Integrated System Limited

Stocking Distributor

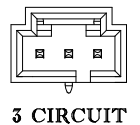
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)  
[74099-1009](#)

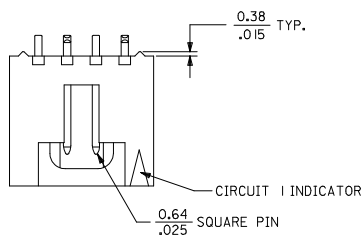
For any questions, you can email us directly:

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

| CKT.<br>SIZE | DIMENSION A |       | DIMENSION B |       | DIMENSION C |      |
|--------------|-------------|-------|-------------|-------|-------------|------|
|              | MM          | IN.   | MM          | IN.   | MM          | IN.  |
| 3            | 8.13        | .320  | 5.08        | .200  | 0.15        | .006 |
| 4            | 10.67       | .420  | 7.62        | .300  | 0.15        | .006 |
| 5            | 13.21       | .520  | 10.16       | .400  | 0.15        | .006 |
| 6            | 15.75       | .620  | 12.70       | .500  | 0.15        | .006 |
| 7            | 18.29       | .720  | 15.24       | .600  | 0.15        | .006 |
| 8            | 20.83       | .820  | 17.78       | .700  | 0.15        | .006 |
| 9            | 23.37       | .920  | 20.32       | .800  | 0.15        | .006 |
| 10           | 25.91       | 1.020 | 22.86       | .900  | 0.15        | .006 |
| 11           | 28.45       | 1.120 | 25.40       | 1.000 | 0.15        | .006 |
| 12           | 30.99       | 1.220 | 27.94       | 1.100 | 0.15        | .006 |
| 13           | 33.53       | 1.320 | 30.48       | 1.200 | 0.15        | .006 |
| 14           | 36.07       | 1.420 | 33.02       | 1.300 | 0.15        | .006 |
| 15           | 38.61       | 1.520 | 35.56       | 1.400 | 0.15        | .006 |
| 16           | 41.15       | 1.620 | 38.10       | 1.500 | 0.15        | .006 |
| 17           | 43.69       | 1.720 | 40.64       | 1.600 | 0.15        | .006 |
| 18           | 46.23       | 1.820 | 43.18       | 1.700 | 0.15        | .006 |
| 19           | 48.77       | 1.920 | 45.72       | 1.800 | 0.15        | .006 |
| 20           | 51.31       | 2.020 | 48.26       | 1.900 | 0.18        | .007 |
| 21           | 53.85       | 2.120 | 50.80       | 2.000 | 0.18        | .007 |
| 22           | 56.39       | 2.220 | 53.34       | 2.100 | 0.18        | .007 |
| 23           | 58.93       | 2.320 | 55.88       | 2.200 | 0.18        | .007 |
| 24           | 61.47       | 2.420 | 58.42       | 2.300 | 0.18        | .007 |
| 25           | 64.01       | 2.520 | 60.96       | 2.400 | 0.18        | .007 |



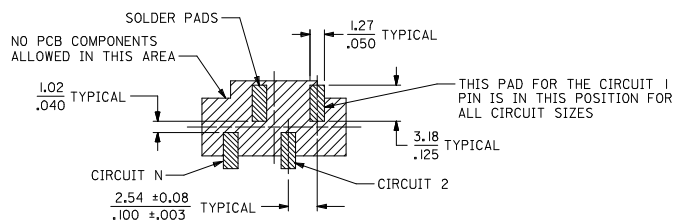
3 CIRCUIT



4 CIRCUIT SHOWN

## NOTES:

- HEADER MATERIAL: GLASS FILLED POLYESTER;  
UL94V-0; COLOR: BLACK  
PIN MATERIAL: PHOSPHOR BRONZE
- HEADER TO BE USED WITH OPTION "G" 70400 AND 70430  
SERIES SL CONNECTORS.
- REFER TO MOLEX PRODUCT SPECIFICATION PS-70541.
- PRODUCT PACKAGED PER PK-70873-003.
- PLATINGS (SEE CHART ON SHEET 2):  
TIN - .000150 MINIMUM TIN PLATE  
OVER NICKEL PLATE.  
15 GOLD - .000015 MINIMUM GOLD PLATE IN SELECT AREA,  
.000075 MINIMUM TIN PLATE IN SELECT AREA,  
OVER NICKEL PLATE OVERALL.  
30 GOLD - .000030 MINIMUM GOLD PLATE IN SELECT AREA,  
.000075 MINIMUM TIN PLATE IN SELECT AREA,  
OVER NICKEL PLATE OVERALL.



## RECOMMENDED PC BOARD LAYOUT

|                                                      |             |                                                                                                                               |                                       |          |      |         |                 |          |          |              |                        |       |                                                 |       |              |           |  |
|------------------------------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|----------|------|---------|-----------------|----------|----------|--------------|------------------------|-------|-------------------------------------------------|-------|--------------|-----------|--|
| CORRECT DIM ERROR                                    | DESCRIPTION | QUALITY SYMBOLS                                                                                                               | GENERAL TOLERANCES (UNLESS SPECIFIED) |          |      |         | DIMENSION STYLE |          | SCALE    | DESIGN UNITS | THIRD ANGLE PROJECTION | TITLE | SALES ASSY, SL VERTICAL<br>HEADER, SMT W/ LATCH | molex | DOCUMENT NO. | SHEET NO. |  |
|                                                      |             |                                                                                                                               | mm                                    |          | INCH |         | MM/IN           |          | 4:1      | INCH         | 1                      |       |                                                 |       |              |           |  |
|                                                      |             |                                                                                                                               | ▽=0                                   | 4 PLACES | ±    | ±       | BBARKER         | DATE     | 03/06/18 |              |                        |       |                                                 |       |              |           |  |
|                                                      |             |                                                                                                                               | ▽=0                                   | 3 PLACES | ±    | ± .010  | CHECKED BY      | DATE     |          |              |                        |       |                                                 |       |              |           |  |
|                                                      |             |                                                                                                                               | ▽=0                                   | 2 PLACES | ±    | ± .025  | DMORGAN         | 03/06/18 |          |              |                        |       |                                                 |       |              |           |  |
|                                                      |             |                                                                                                                               | ▽=0                                   | 1 PLACE  | ±    | ±       | APPROVED BY     | DATE     |          |              |                        |       |                                                 |       |              |           |  |
|                                                      |             |                                                                                                                               | 0 PLACE                               | ±        | ±    | SMILLER | 2013/07/26      |          |          |              |                        |       |                                                 |       |              |           |  |
| ANGULAR ±1/2°                                        |             |                                                                                                                               |                                       |          |      |         |                 |          |          |              |                        |       |                                                 |       |              |           |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |             |                                                                                                                               |                                       |          |      |         |                 |          |          |              |                        |       |                                                 |       |              |           |  |
| REV                                                  | SIZE        | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                       |          |      |         |                 |          |          |              |                        |       |                                                 |       |              |           |  |

