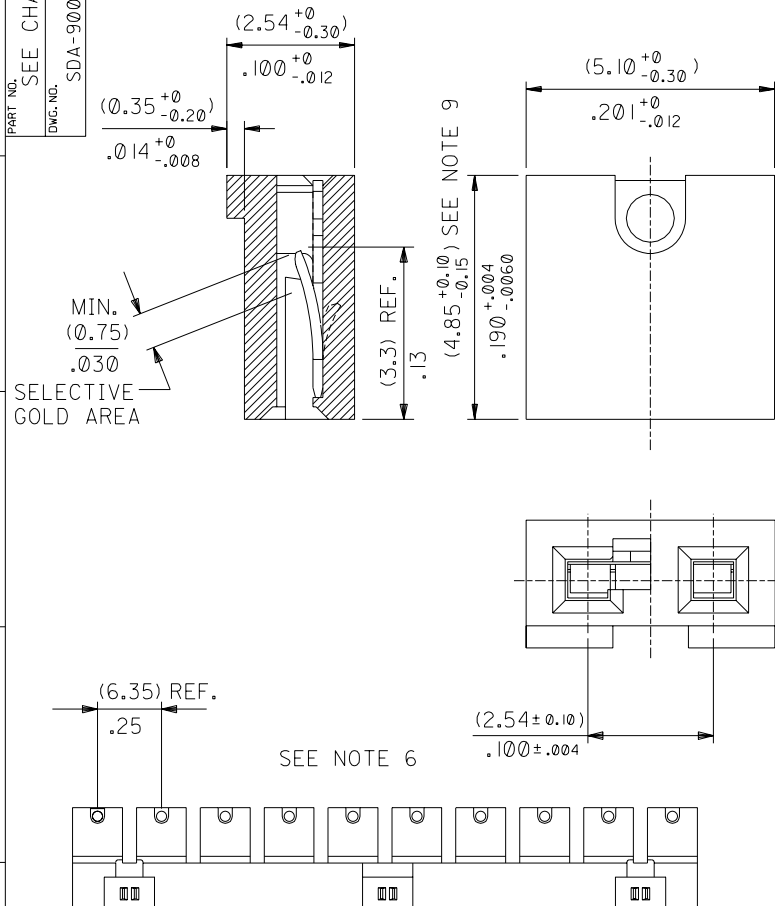




NOTES:

1. HOUSING MATERIAL: POLYESTER 30% GLASS FILLED.
2. TERMINAL MATERIAL: PHOSPHOR BRONZE.
3. THIS PART IS STACKABLE, END TO END AND SIDE BY SIDE ON (2.54)/.100 CENTRES.
4. SHUNT WILL ACCEPT (0.64)/.025 SQUARE AND ROUND PINS.
5. MAX. PROBE DIA. (0.9)/.035.
6. PARTS SUPPLIED IN STRIPS OF TEN OR AS LOOSE PIECE (SEE CHART).
- ⑦ VERSIONS 90059-0007, 90059-0009 PREFERRED IN EUROPE/AMERICA.
- ⑧ VERSIONS 90059-0013, 90059-0014, 90059-0015 PREFERRED IN FAR EAST.
- 9 DIMENSION APPLIES TO MOULDED HOUSING ONLY. BREAK-OFF (5.10)/.201 MAX.

|   | SUPPLIED AS STRIP/LOOSE | PART No    | TERMINAL PLATING                                                                                                                  | HSG. COLOUR | PACKAGING INNER QTY. | PACKAGING QTY.PER BOX |
|---|-------------------------|------------|-----------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------|-----------------------|
| ⑦ | STRIP                   | 90059-0007 | TIN (5u)/.0002 MIN.<br>OVER NI (1.27u)/.00005 MIN.                                                                                | BLACK       | 1000 pcs             | 20,000 pcs            |
|   | LOOSE                   | 90059-1007 | TIN (5u)/.0002 MIN.<br>OVER NI (1.27u)/.00005 MIN.                                                                                | BLACK       | 10,000 pcs           | 40,000 pcs            |
|   | STRIP                   | 90059-0009 | GOLD (0.38u)/.000015 MIN IN CONTACT AREA<br>OVER NICKEL (1.27u)/.00005 IN CONTACT AREA<br>WITH NICKEL (0.2u)/.000008 OVERALL MIN. | WHITE       | 1000 pcs             | 20,000 pcs            |
|   | LOOSE                   | 90059-1009 | GOLD (0.38u)/.000015 MIN IN CONTACT AREA<br>OVER NICKEL (1.27u)/.00005 IN CONTACT AREA<br>WITH NICKEL (0.2u)/.000008 OVERALL MIN. | WHITE       | 10,000 pcs           | 40,000 pcs            |
| ⑧ | STRIP                   | 90059-0011 | GOLD (0.38u)/.000015 MIN IN CONTACT AREA<br>OVER NICKEL (1.27u)/.00005 IN CONTACT AREA<br>WITH NICKEL (0.2u)/.000008 OVERALL MIN. | BLACK       | 1000 pcs             | 20,000 pcs            |
|   | STRIP                   | 90059-0012 | GOLD (0.76u)/.000030 MIN IN CONTACT AREA<br>OVER NICKEL (1.27u)/.00005 IN CONTACT AREA<br>WITH NICKEL (0.2u)/.000008 OVERALL MIN. | WHITE       | 1000 pcs             | 20,000 pcs            |
|   | STRIP                   | 90059-0013 | 0.76um OF NI UNDER 3 - 5 um OF TIN                                                                                                | BLACK       | 1000 pcs             | 20,000 pcs            |
|   | STRIP                   | 90059-0014 | GOLD (0.1u)/.000004 MIN OVERALL<br>OVER (1.0u)/.00004 MIN NICKEL OVERALL                                                          | WHITE       | 1000 pcs             | 20,000 pcs            |
| ⑧ | STRIP                   | 90059-0015 | GOLD (1.0u)/.00004 MIN IN CONTACT AREA<br>OVER NICKEL (0.76u)/.00003 IN CONTACT AREA<br>WITH NICKEL (0.2u)/.000008 OVERALL MIN.   | WHITE       | 1000 pcs             | 20,000 pcs            |
|   | STRIP                   | 90059-0016 | GOLD (0.38u)/.000015 MIN IN CONTACT AREA<br>OVER NICKEL (1.27u)/.00005 IN CONTACT AREA<br>WITH NICKEL (0.2u)/.000008 OVERALL MIN. | RED         | 1000 pcs             | 20,000 pcs            |
|   | LOOSE                   | 90059-1011 | GOLD (0.38u)/.000015 MIN IN CONTACT AREA<br>OVER NICKEL (1.27u)/.00005 IN CONTACT AREA<br>WITH NICKEL (0.2u)/.000008 OVERALL MIN. | BLACK       | 10,000 pcs           | 40,000 pcs            |
|   | STRIP                   | 90059-0017 | TIN (5u)/.0002 MIN.<br>OVER NI (1.27u)/.00005 MIN.                                                                                | WHITE       | 1000 pcs             | 20,000 pcs            |
|   | STRIP                   | 90059-0018 | GOLD (0.38u)/.000015 MIN IN CONTACT AREA<br>OVER NICKEL (1.27u)/.00005 IN CONTACT AREA<br>WITH NICKEL (0.2u)/.000008 OVERALL MIN. | BLUE        | 1000 pcs             | 20,000 pcs            |
|   | STRIP                   | 90059-0020 | GOLD (0.1u)/.000004 MIN OVERALL<br>OVER (1.0u)/.00004 MIN NICKEL OVERALL                                                          | BLACK       | 1000 pcs             | 20,000 pcs            |
|   | LOOSE                   | 90059-1020 | GOLD (0.1u)/.000004 MIN OVERALL<br>OVER (1.0u)/.00004 MIN NICKEL OVERALL                                                          | BLACK       | 10,000 pcs           | 40,000 pcs            |

|                                                                                                                              |             |                                                                                                                                                                                                                                    |                                                                                                                                   |       |               |                                                                                      |                                                                                                                 |                                                                                                       |                           |                          |                     |
|------------------------------------------------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-------|---------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|---------------------------|--------------------------|---------------------|
| CHANGE TIN/LEAD TO TIN.<br>UPDATE LOOSE PCT. QTY.<br>EC NO. E2004-0584<br>DRWN: M MCS 04/01/05<br>CHKs: / / /<br>APPR: / / / | DESCRIPTION | QUALITY SYMBOLS<br><br>MAJOR<br>= <br><br>CRITICAL<br>=  | GENERAL TOLERANCES:<br>(UNLESS SPECIFIED)                                                                                         |       | SCALE<br>10:1 | DESIGN UNITS<br><input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH |  THIRD ANGLE<br>PROJECTION | <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH <input type="checkbox"/> mm ONLY | REVISE ON<br>CAD ONLY     |                          |                     |
|                                                                                                                              |             |                                                                                                                                                                                                                                    |                                                                                                                                   | mm    | INCH          | DRAWN BY & DATE<br>mcc 86/04/08                                                      |                                                                                                                 | TITLE:<br>2.54mm C-Grid<br>Micro Shnt                                                                 |                           |                          |                     |
|                                                                                                                              |             |                                                                                                                                                                                                                                    | 4 PLACES                                                                                                                          | ±0.   | ±.            | CHECKED BY & DATE<br>dbrennan 00/07/26                                               |                                                                                                                 |                                                                                                       |                           |                          |                     |
|                                                                                                                              |             |                                                                                                                                                                                                                                    | 3 PLACES                                                                                                                          | ±0.   | ±.            | APPROVED BY & DATE<br>mwilhte 00/07/26                                               |                                                                                                                 |                                                                                                       |                           |                          |                     |
|                                                                                                                              |             |                                                                                                                                                                                                                                    | 2 PLACES                                                                                                                          | ±0.05 | ±.            | MOLEX INCORPORATED                                                                   |                                                                                                                 |                                                                                                       | MATERIAL NO.<br>SEE CHART | DRAWING NO.<br>SDA-90059 | SHEET NO.<br>1 of 2 |
|                                                                                                                              |             |                                                                                                                                                                                                                                    | 1 PLACE                                                                                                                           | ±0.10 | ±.            |                                                                                      |                                                                                                                 |                                                                                                       |                           |                          |                     |
|                                                                                                                              |             |                                                                                                                                                                                                                                    | ANGULAR: ±   °                                                                                                                    |       |               | CAD FILENAME                                                                         |                                                                                                                 |                                                                                                       |                           |                          |                     |
| DRAFT WHERE APPLICABLE MUST<br>REMAIN WITHIN DIMENSIONS                                                                      |             |                                                                                                                                                                                                                                    | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION. |       |               |                                                                                      |                                                                                                                 |                                                                                                       | SIZE<br>B                 |                          |                     |
| AR                                                                                                                           | REV         |                                                                                                                                                                                                                                    |                                                                                                                                   |       |               |                                                                                      |                                                                                                                 |                                                                                                       |                           |                          |                     |