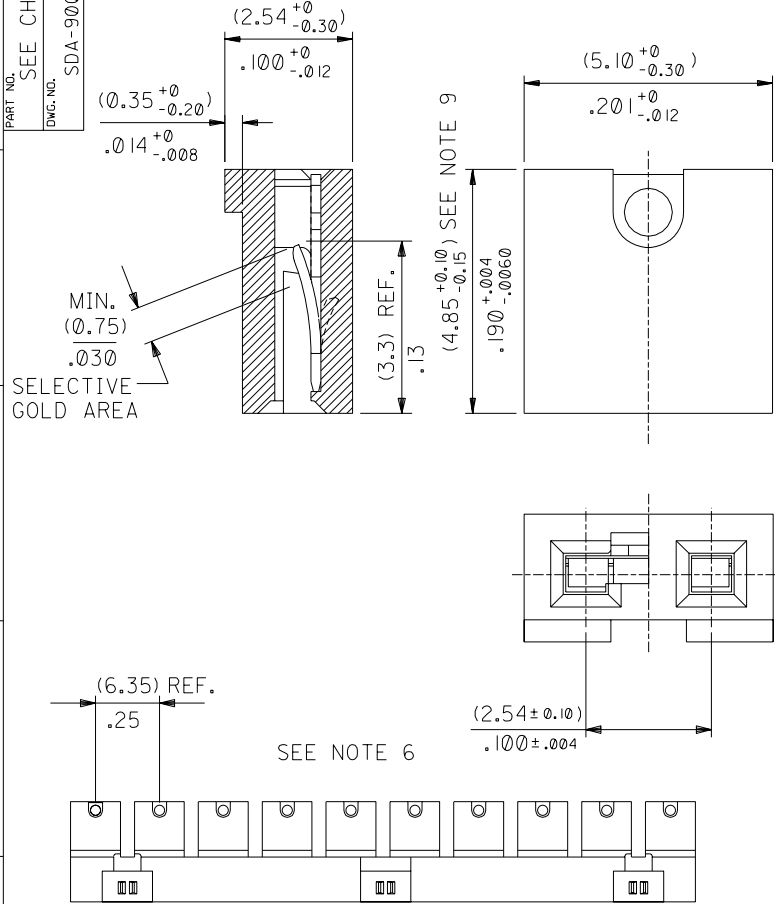


PART NO. SEE CHART  
DWG. NO. SDA-90059



- NOTES:
- HOUSING MATERIAL: POLYESTER 30% GLASS FILLED.
  - TERMINAL MATERIAL: PHOSPHOR BRONZE.
  - THIS PART IS STACKABLE, END TO END AND SIDE BY SIDE ON (2.54)/.100 CENTRES.
  - SHUNT WILL ACCEPT (0.64)/.025 SQUARE AND ROUND PINS.
  - MAX. PROBE DIA. (0.9)/.035.
  - PARTS SUPPLIED IN STRIPS OF TEN OR AS LOOSE PIECE (SEE CHART).
  - VERSIONS 90059-0007,90059-0009 PREFERRED IN EUROPE/AMERICA.
  - VERSIONS 90059-0013,90059-0014,90059-0015 PREFERRED IN FAR EAST.
  - 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. OVER NI (1.27u)/.00005 MIN.   | BLACK       | 1000 pcs             | 20,000 pcs             |
| LOOSE                   | 90059-1007 | TIN (5u)/.0002 MIN. OVER NI (1.27u)/.00005 MIN.   | BLACK       | 10,000 pcs           | 40,000 pcs             |
| STRIP                   | 90059-0009 | GOLD (0.38u)/.000015 MIN IN CONTACT AREA OVER NICKEL (1.27u)/.00005 IN CONTACT AREA WITH NICKEL (0.2u)/.000008 OVERALL MIN. | WHITE       | 1000 pcs             | 20,000 pcs             |
| LOOSE                   | 90059-1009 | GOLD (0.38u)/.000015 MIN IN CONTACT AREA OVER NICKEL (1.27u)/.00005 IN CONTACT AREA WITH NICKEL (0.2u)/.000008 OVERALL MIN. | WHITE       | 10,000 pcs           | 40,000 pcs             |
| STRIP                   | 90059-0011 | GOLD (0.38u)/.000015 MIN IN CONTACT AREA OVER NICKEL (1.27u)/.00005 IN CONTACT AREA WITH NICKEL (0.2u)/.000008 OVERALL MIN. | BLACK       | 1000 pcs             | 20,000 pcs             |
| ⑧ STRIP                 | 90059-0012 | GOLD (0.76u)/.000030 MIN IN CONTACT AREA OVER NICKEL (1.27u)/.00005 IN CONTACT AREA WITH NICKEL (0.2u)/.000008 OVERALL MIN. | WHITE       | 1000 pcs             | 20,000 pcs             |
| ⑨ STRIP                 | 90059-0013 | 0.76um OF NI UNDER 3 - 5 um OF TIN  | BLACK       | 1000 pcs             | 20,000 pcs             |
| ⑧ STRIP                 | 90059-0014 | GOLD (0.1u)/.000004 MIN OVERALL OVER (1.0u)/.00004 MIN NICKEL OVERALL   | WHITE       | 1000 pcs             | 20,000 pcs             |
| STRIP                   | 90059-0015 | GOLD (1.0u)/.00004 MIN IN CONTACT AREA OVER NICKEL (0.76u)/.00003 IN CONTACT AREA WITH NICKEL (0.2u)/.000008 OVERALL MIN.   | WHITE       | 1000 pcs             | 20,000 pcs             |
| STRIP                   | 90059-0016 | GOLD (0.38u)/.000015 MIN IN CONTACT AREA OVER NICKEL (1.27u)/.00005 IN CONTACT AREA WITH NICKEL (0.2u)/.000008 OVERALL MIN. | RED         | 1000 pcs             | 20,000 pcs             |
| LOOSE                   | 90059-1011 | GOLD (0.38u)/.000015 MIN IN CONTACT AREA OVER NICKEL (1.27u)/.00005 IN CONTACT AREA WITH NICKEL (0.2u)/.000008 OVERALL MIN. | BLACK       | 10,000 pcs           | 40,000 pcs             |
| STRIP                   | 90059-0017 | TIN (5u)/.0002 MIN. OVER NI (1.27u)/.00005 MIN.   | WHITE       | 1000 pcs             | 20,000 pcs             |
| STRIP                   | 90059-0018 | GOLD (0.38u)/.000015 MIN IN CONTACT AREA OVER NICKEL (1.27u)/.00005 IN CONTACT AREA WITH NICKEL (0.2u)/.000008 OVERALL MIN. | BLUE        | 1000 pcs             | 20,000 pcs             |
| STRIP                   | 90059-0020 | GOLD (0.1u)/.000004 MIN OVERALL OVER (1.0u)/.00004 MIN NICKEL OVERALL   | BLACK       | 1000 pcs             | 20,000 pcs             |
| LOOSE                   | 90059-1020 | GOLD (0.1u)/.000004 MIN OVERALL OVER (1.0u)/.00004 MIN NICKEL OVERALL   | BLACK       | 10,000 pcs           | 40,000 pcs             |

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