

| POSITIONS/<br>CONTACTS | A     |       | B     |        | C     |       |
|------------------------|-------|-------|-------|--------|-------|-------|
|                        | INCH  | MM    | INCH  | MM     | INCH  | MM    |
| 02/04**                | 0.100 | 2.54  | 0.200 | 5.08   | N/A   | N/A   |
| 03/06                  | 0.200 | 5.08  | 0.300 | 7.62   | 0.100 | 2.54  |
| 04/08                  | 0.300 | 7.62  | 0.400 | 10.16  | 0.200 | 5.08  |
| 05/10                  | 0.400 | 10.16 | 0.500 | 12.70  | 0.300 | 7.62  |
| 06/12                  | 0.500 | 12.70 | 0.600 | 15.24  | 0.400 | 10.16 |
| 07/14                  | 0.600 | 15.24 | 0.700 | 17.78  | 0.500 | 12.70 |
| 08/16                  | 0.700 | 17.78 | 0.800 | 20.32  | 0.600 | 15.24 |
| 09/18                  | 0.800 | 20.32 | 0.900 | 22.86  | 0.700 | 17.78 |
| 10/20                  | 0.900 | 22.86 | 1.000 | 25.40  | 0.800 | 20.32 |
| 11/22                  | 1.000 | 25.40 | 1.100 | 27.94  | 0.900 | 22.86 |
| 12/24                  | 1.100 | 27.94 | 1.200 | 30.48  | 1.000 | 25.40 |
| 13/26                  | 1.200 | 30.48 | 1.300 | 33.02  | 1.100 | 27.94 |
| 14/28                  | 1.300 | 33.02 | 1.400 | 35.56  | 1.200 | 30.48 |
| 15/30                  | 1.400 | 35.56 | 1.500 | 38.10  | 1.300 | 33.02 |
| 16/32                  | 1.500 | 38.10 | 1.600 | 40.64  | 1.400 | 35.56 |
| 17/34                  | 1.600 | 40.64 | 1.700 | 43.18  | 1.500 | 38.10 |
| 18/36                  | 1.700 | 43.18 | 1.800 | 45.72  | 1.600 | 40.64 |
| 19/38                  | 1.800 | 45.72 | 1.900 | 48.26  | 1.700 | 43.18 |
| 20/40                  | 1.900 | 48.26 | 2.000 | 50.80  | 1.800 | 45.72 |
| 21/42                  | 2.000 | 50.80 | 2.100 | 53.34  | 1.900 | 48.26 |
| 22/44                  | 2.100 | 53.34 | 2.200 | 55.88  | 2.000 | 50.80 |
| 23/46                  | 2.200 | 55.88 | 2.300 | 58.42  | 2.100 | 53.34 |
| 24/48                  | 2.300 | 58.42 | 2.400 | 60.96  | 2.200 | 55.88 |
| 25/50                  | 2.400 | 60.96 | 2.500 | 63.50  | 2.300 | 58.42 |
| 26/52                  | 2.500 | 63.50 | 2.600 | 66.04  | 2.400 | 60.96 |
| 27/54                  | 2.600 | 66.04 | 2.700 | 68.58  | 2.500 | 63.50 |
| 28/56                  | 2.700 | 68.58 | 2.800 | 71.12  | 2.600 | 66.04 |
| 29/58                  | 2.800 | 71.12 | 2.900 | 73.66  | 2.700 | 68.58 |
| 30/60                  | 2.900 | 73.66 | 3.000 | 76.20  | 2.800 | 71.12 |
| 31/62                  | 3.000 | 76.20 | 3.100 | 78.74  | 2.900 | 73.66 |
| 32/64                  | 3.100 | 78.74 | 3.200 | 81.28  | 3.000 | 76.20 |
| 33/66                  | 3.200 | 81.28 | 3.300 | 83.82  | 3.100 | 78.74 |
| 34/68                  | 3.300 | 83.82 | 3.400 | 86.36  | 3.200 | 81.28 |
| 35/70                  | 3.400 | 86.36 | 3.500 | 88.90  | 3.300 | 83.82 |
| 36/72                  | 3.500 | 88.90 | 3.600 | 91.44  | 3.400 | 86.36 |
| 37/74                  | 3.600 | 91.44 | 3.700 | 93.98  | 3.500 | 88.90 |
| 38/76                  | 3.700 | 93.98 | 3.800 | 96.52  | 3.600 | 91.44 |
| 39/78                  | 3.800 | 96.52 | 3.900 | 99.06  | 3.700 | 93.98 |
| 40/80                  | 3.900 | 99.06 | 4.000 | 101.60 | 3.800 | 96.52 |

\*\* NOT AVAILABLE WITH GUIDE POST.

- NOTES:
1. INSULATOR MATERIAL: NYLON 9T, UL 94V-0, COLOR: BLACK
  2. CONTACT MATERIAL: PHOSPHOR BRONZE
  3. CONTACT PLATING: .000030" ~ .000050" NICKEL UNDERPLATE, GOLD FLASH OVERALL
  4. CURRENT RATING: 3 AMPS
  5. INSULATOR RESISTANCE: 5000 MEGOHMS MIN
  6. CONTACT RESISTANCE: 20 MILLIOHMS MAX
  7. DIELECTRIC WITHSTANDING: 1000 VAC
  8. OPERATING TEMPERATURE: -40°C TO +105°C
  9. PROCESSING TEMP.: 230° C MAX. FOR 60 SECONDS (260° C MAX. FOR 10 SECONDS)
  10. FOR TOP/BOTTOM ENTRY
  11. CONSULT FACTORY FOR THE MATE IF BEING USED AS BOTTOM ENTRY

PART NUMBER CODING  
SFM710-NPPC-D\_\_-S\_-BK

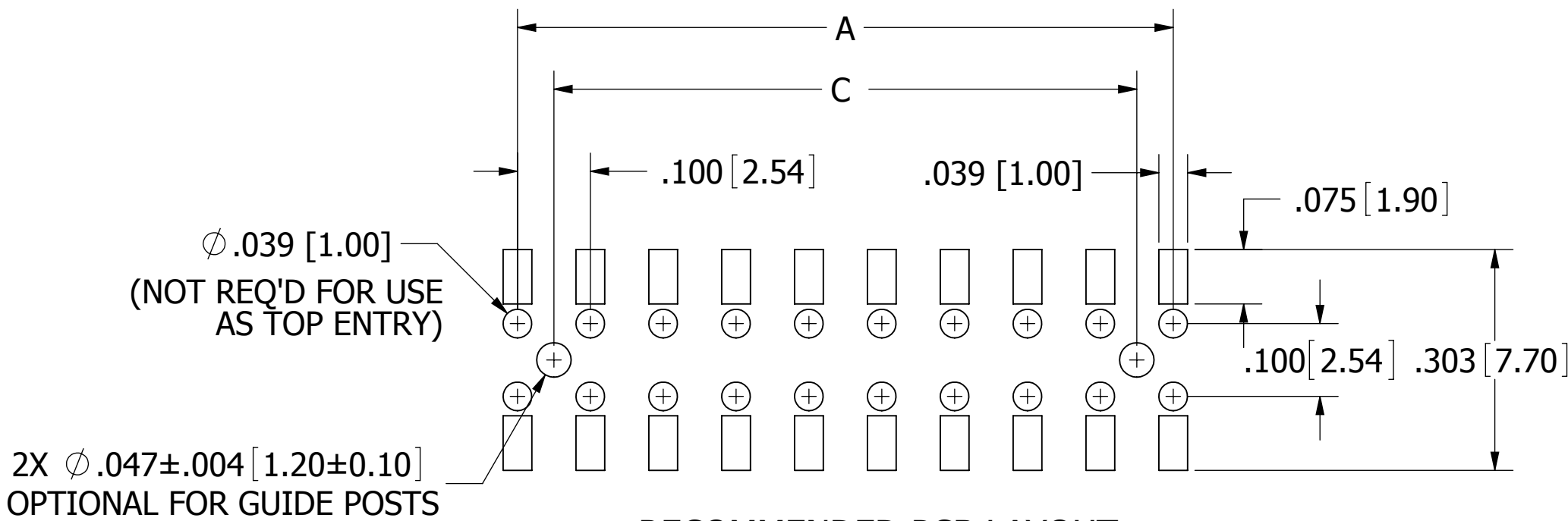
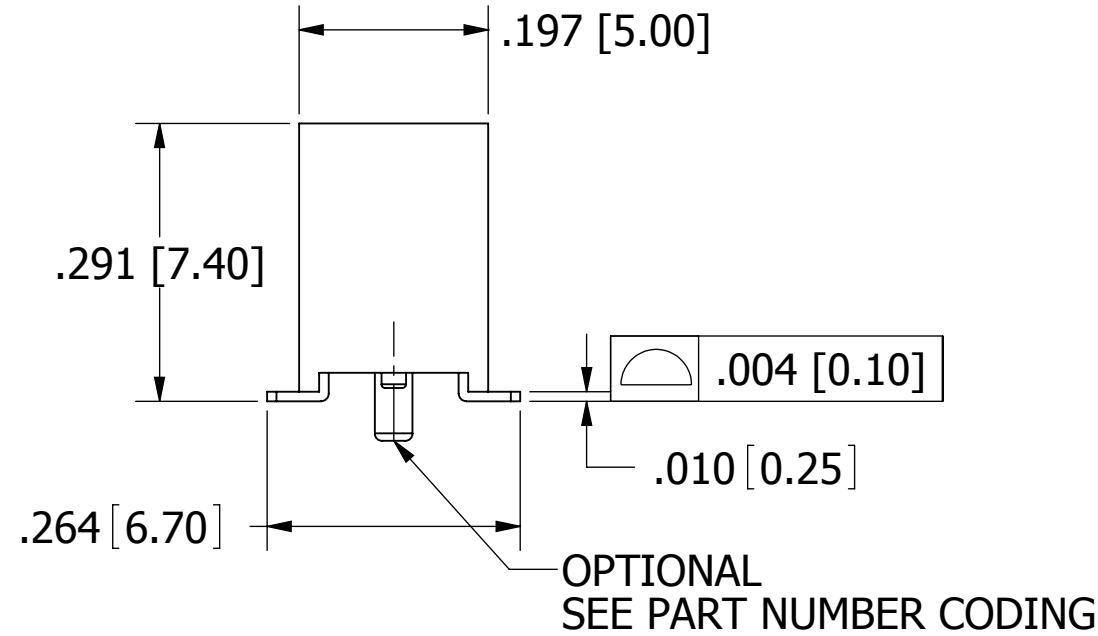
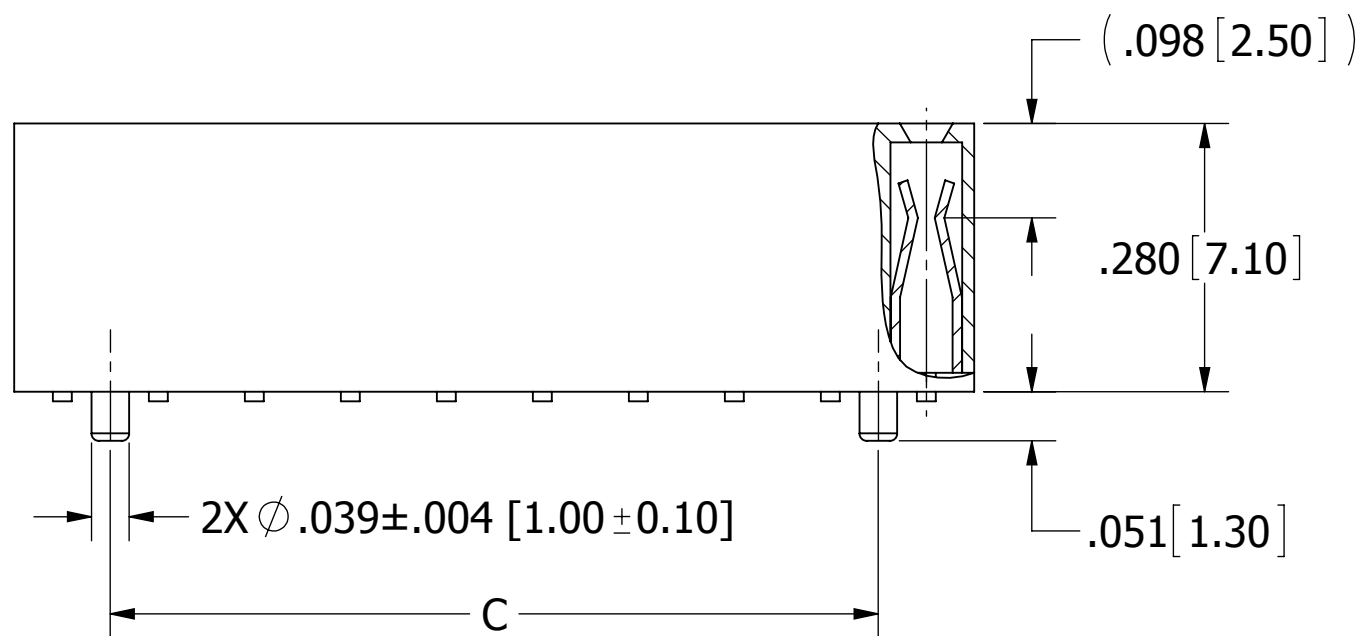
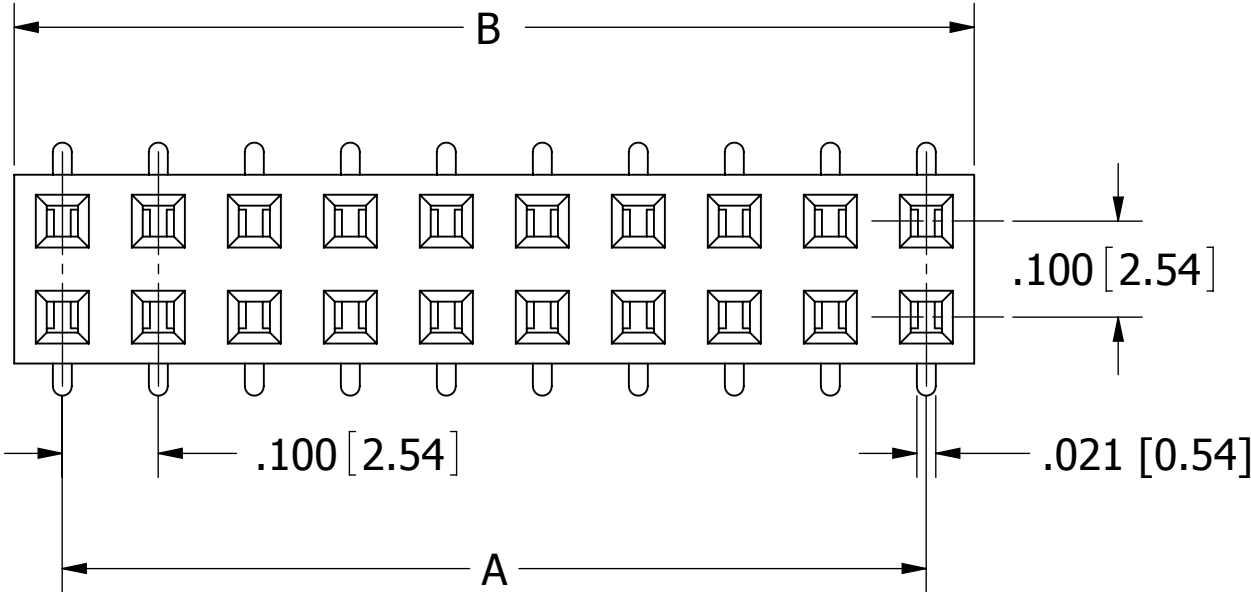
TERMINATION TYPES

M = SURFACE MOUNT W/O GUIDE POSTS.

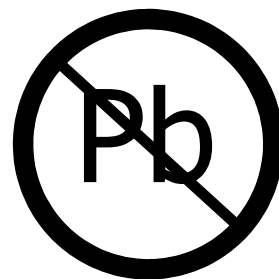
P = SURFACE MOUNT W/ GUIDE POSTS.

NUMBER OF POSITIONS

(CONTACTS PER ROW, 02 THRU 40)



RECOMMENDED PCB LAYOUT



RoHS COMPLIANT

|                                                                                                             |  |                                                                                                                                                                                                                                                                 |          |            |                                            |                   |
|-------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------|--------------------------------------------|-------------------|
| UNLESS OTHERWISE SPECIFIED:<br>DIMENSIONS ARE IN INCHES [MM]                                                |  | DRAWN                                                                                                                                                                                                                                                           | DATE     | NAME       |                                            |                   |
|                                                                                                             |  |                                                                                                                                                                                                                                                                 | 07/14/11 | GC         |                                            |                   |
| TOLERANCES:<br><br>ANGULAR:<br><br>DECIMALS<br>.XX=± .012 [.3]<br>.XXX=± .008 [.20]<br>.XXXX=± .0040 [.100] |  | THE INFORMATION HEREIN CONTAINS<br>PROPRIETARY INFORMATION OF<br>SULLINS ELECTRONICS AND IS NOT<br>TO BE REPRODUCED, USED OR<br>DISCLOSED TO OTHERS FOR ANY<br>PURPOSE EXCEPT AS SPECIFICALLY<br>AUTHORIZED IN WRITING BY AN<br>OFFICER OF SULLINS ELECTRONICS. |          |            | TITLE<br>HEADER FEMALE, .100 CC, T/B ENTRY |                   |
|                                                                                                             |  |                                                                                                                                                                                                                                                                 |          |            | PART NUMBER<br>SFM710-NPPC-D__-S_-BK       |                   |
|                                                                                                             |  |                                                                                                                                                                                                                                                                 |          | SIZE<br>C  | CAGE CODE<br>54453                         | DWG. NO.<br>11809 |
|                                                                                                             |  |                                                                                                                                                                                                                                                                 |          | SCALE: 5:1 | SHEET 1 OF 1                               |                   |
|                                                                                                             |  |                                                                                                                                                                                                                                                                 |          | REV<br>B   |                                            |                   |