

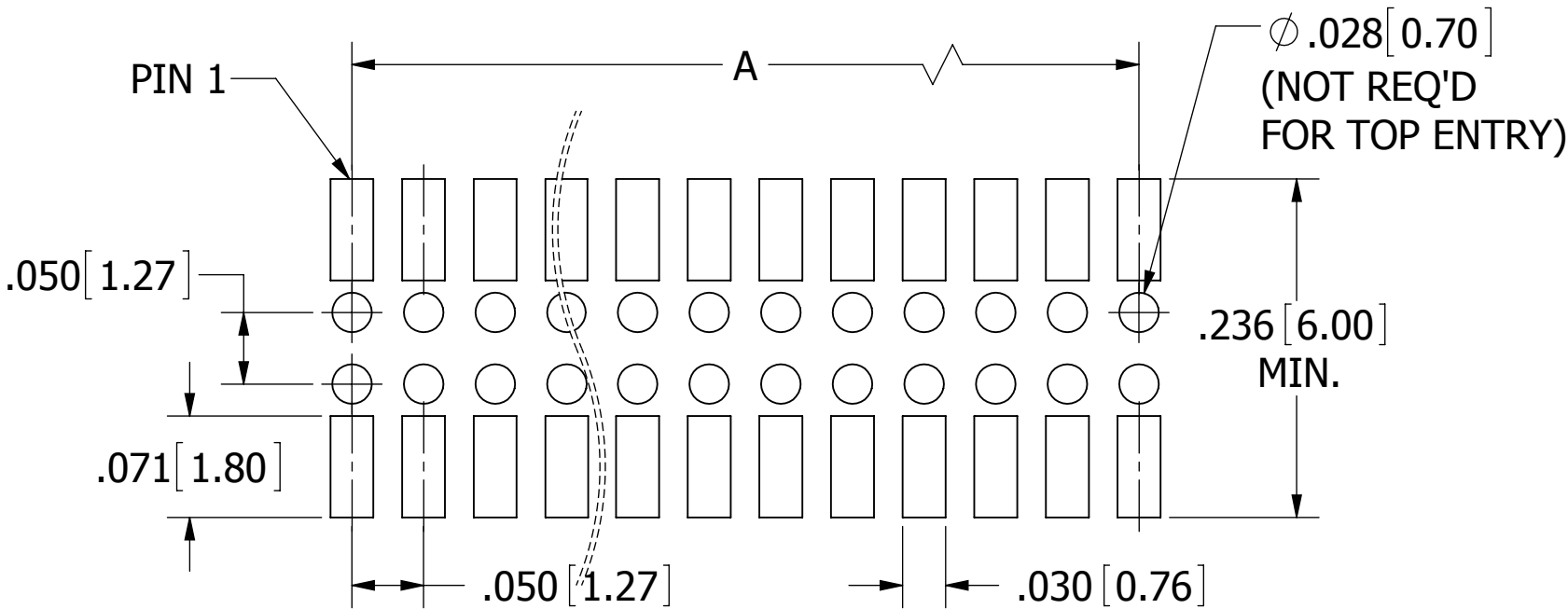
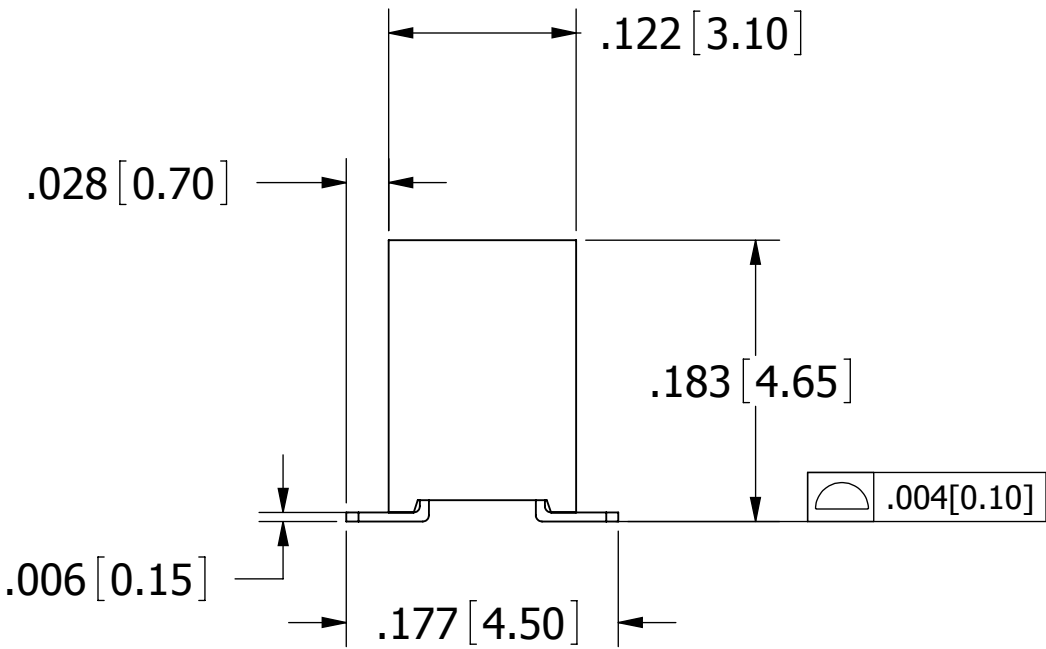
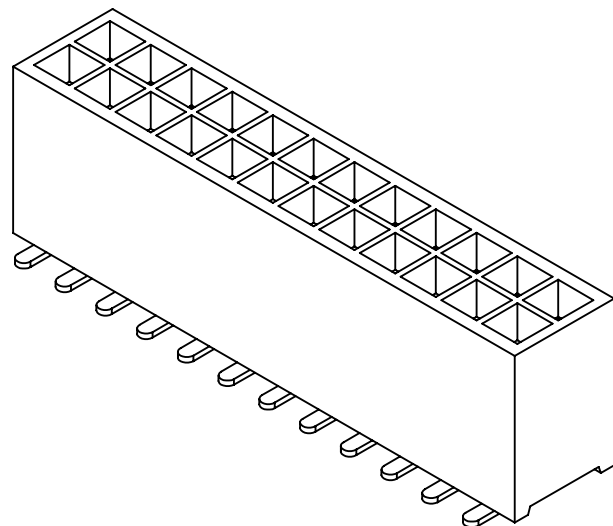
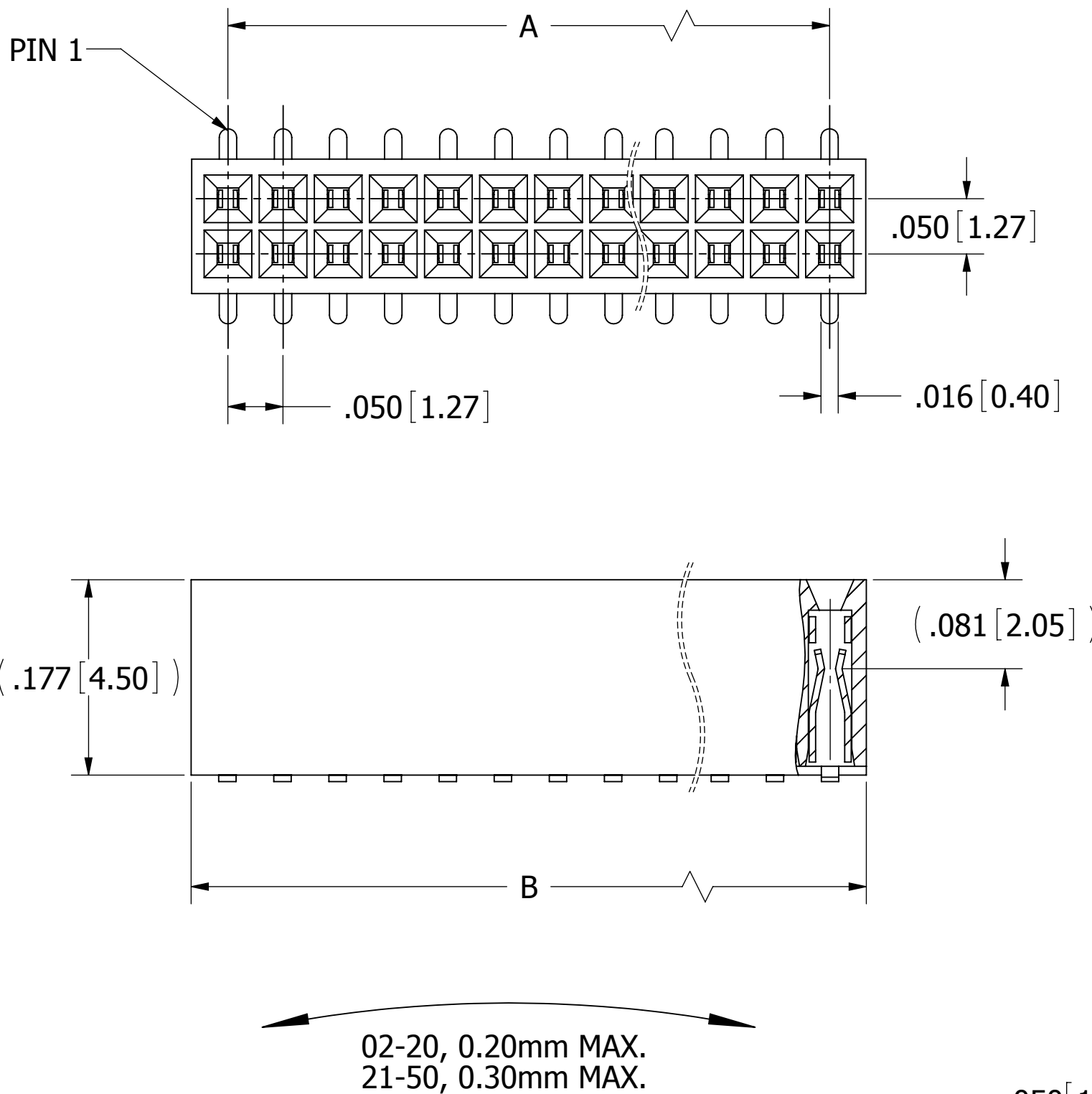
| POSITIONS/<br>CONTACTS | A         |         | B         |         |
|------------------------|-----------|---------|-----------|---------|
|                        | INCH±.008 | MM±0.20 | INCH±.012 | MM±0.30 |
| 02/04                  | 0.050     | 1.27    | 0.116     | 2.94    |
| 03/06                  | 0.100     | 2.54    | 0.166     | 4.21    |
| 04/08                  | 0.150     | 3.81    | 0.216     | 5.48    |
| 05/10                  | 0.200     | 5.08    | 0.266     | 6.75    |
| 06/12                  | 0.250     | 6.35    | 0.316     | 8.02    |
| 07/14                  | 0.300     | 7.62    | 0.366     | 9.29    |
| 08/16                  | 0.350     | 8.89    | 0.416     | 10.56   |
| 09/18                  | 0.400     | 10.16   | 0.466     | 11.83   |
| 10/20                  | 0.450     | 11.43   | 0.516     | 13.10   |
| 11/21                  | 0.500     | 12.70   | 0.566     | 14.37   |
| 12/24                  | 0.550     | 13.97   | 0.616     | 15.64   |
| 13/26                  | 0.600     | 15.24   | 0.666     | 16.91   |
| 14/28                  | 0.650     | 16.51   | 0.716     | 18.18   |
| 15/30                  | 0.700     | 17.78   | 0.766     | 19.45   |
| 16/32                  | 0.750     | 19.05   | 0.816     | 20.72   |
| 17/34                  | 0.800     | 20.32   | 0.866     | 21.99   |
| 18/36                  | 0.850     | 21.59   | 0.916     | 23.26   |
| 19/38                  | 0.900     | 22.86   | 0.966     | 24.53   |
| 20/40                  | 0.950     | 24.13   | 1.016     | 25.80   |
| 21/42                  | 1.000     | 25.40   | 1.066     | 27.07   |
| 22/44                  | 1.050     | 26.67   | 1.116     | 28.34   |
| 23/46                  | 1.100     | 27.94   | 1.166     | 29.61   |
| 24/48                  | 1.150     | 29.21   | 1.216     | 30.88   |
| 25/50                  | 1.200     | 30.48   | 1.266     | 32.15   |
| 26/52                  | 1.250     | 31.75   | 1.316     | 33.42   |
| 27/54                  | 1.300     | 33.02   | 1.366     | 34.69   |
| 28/56                  | 1.350     | 34.29   | 1.416     | 35.96   |
| 29/58                  | 1.400     | 35.56   | 1.466     | 37.23   |
| 30/60                  | 1.450     | 36.83   | 1.516     | 38.50   |
| 31/62                  | 1.500     | 38.10   | 1.566     | 39.77   |
| 32/64                  | 1.550     | 39.37   | 1.616     | 41.04   |
| 33/66                  | 1.600     | 40.64   | 1.666     | 42.31   |
| 34/68                  | 1.650     | 41.91   | 1.716     | 43.58   |
| 35/70                  | 1.700     | 43.18   | 1.766     | 44.85   |
| 36/72                  | 1.750     | 44.45   | 1.816     | 46.12   |
| 37/74                  | 1.800     | 45.72   | 1.866     | 47.39   |
| 38/76                  | 1.850     | 46.99   | 1.916     | 48.66   |
| 39/78                  | 1.900     | 48.26   | 1.966     | 49.93   |
| 40/80                  | 1.950     | 49.53   | 2.016     | 51.20   |
| 41/82                  | 2.000     | 50.80   | 2.066     | 52.47   |
| 42/84                  | 2.050     | 52.07   | 2.116     | 53.74   |
| 43/86                  | 2.100     | 53.34   | 2.166     | 55.01   |
| 44/88                  | 2.150     | 54.61   | 2.216     | 56.28   |
| 45/90                  | 2.200     | 55.88   | 2.266     | 57.55   |
| 46/92                  | 2.250     | 57.15   | 2.316     | 58.82   |
| 47/94                  | 2.300     | 58.42   | 2.366     | 60.09   |
| 48/96                  | 2.350     | 59.69   | 2.416     | 61.36   |
| 49/98                  | 2.400     | 60.96   | 2.466     | 62.63   |
| 50/100                 | 2.450     | 62.23   | 2.516     | 63.90   |

PART NUMBER CODING

LPPB\_\_2NFSS-RC

NUMBER OF POSITIONS

(CONTACTS PER ROW, 02 THRU 50)

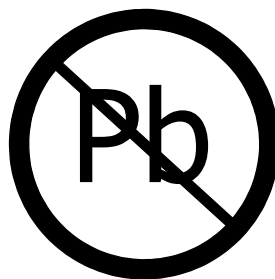


RECOMMENDED PCB LAYOUT

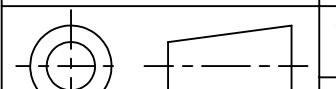
NOTES:

- INSULATOR MATERIAL: L.C.P. , UL 94V-0, COLOR: BLACK.  
\*PROCESSING TEMPERATURE = 260° C FOR 10 SECS MAX.
- CONTACT MATERIAL: PHOSPHOR BRONZE.
- PLATING: .000030" ~ .000050" NICKEL UNDERPLATED, GOLD FLASH OVERALL.
- OPERATING TEMPERATURE: -40°C TO +125° C.
- INSULATION RESISTANCE: 5000 MEGA OHMS MIN.
- CONTACT RESISTANCE: 20 MILLI OHMS MAX.
- DIELECTRIC WITHSTANDING: 500V AC.
- CURRENT RATING: 1 AMP.
- MATES WITH SULLINS .050 [1.27] CONTACT CENTER MALE HEADER SERIES.  
(.016 [0.40] SQUARE POSTS)

\*INDICATED TEMPERATURE AND TIME IS FOR COMPONENT INSULATOR. HIGHER PROCESSING TEMPERATURES MAY BE USED, PROVIDED HEAT IS APPLIED FROM BACK SIDE OF PCB, AND INSULATOR DOES NOT EXCEED INDICATED TEMPERATURE AND TIME.



RoHS COMPLIANT

|                                                                             |                                                                                       |                                                                                                                                                                                                                                            |           |                                                                                       |                                                           |  |
|-----------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------------------------------------------------------------------------------|-----------------------------------------------------------|--|
| UNLESS OTHERWISE SPECIFIED:<br>DIMENSIONS ARE IN INCHES [MM]                | DRAWN                                                                                 | DATE                                                                                                                                                                                                                                       | NAME      |  |                                                           |  |
|                                                                             |                                                                                       | 01/20/2009                                                                                                                                                                                                                                 | JH        |                                                                                       |                                                           |  |
|                                                                             | TOLERANCES:                                                                           | THE INFORMATION HEREIN CONTAINS PROPRIETARY INFORMATION OF SULLINS ELECTRONICS AND IS NOT TO BE REPRODUCED, USED OR DISCLOSED TO OTHERS FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY AN OFFICER OF SULLINS ELECTRONICS. |           |                                                                                       | TITLE .050" DUAL ROW FEMALE HEADER, SMT, TOP/BOTTOM ENTRY |  |
| ANGULAR: ± 1°                                                               |                                                                                       |                                                                                                                                                                                                                                            |           | PART NUMBER                                                                           |                                                           |  |
| DECIMALS<br>.XX=± .012 [ .3]<br>.XXX=± .008 [ .20]<br>.XXXX=± .0040 [ .100] |                                                                                       |                                                                                                                                                                                                                                            |           | LPPB_2NFSS-RC                                                                         |                                                           |  |
|                                                                             |  | SIZE                                                                                                                                                                                                                                       | CAGE CODE | DWG. NO.                                                                              | REV                                                       |  |
|                                                                             |                                                                                       | C                                                                                                                                                                                                                                          | 54453     | 11017                                                                                 | H                                                         |  |
|                                                                             | SCALE: 8:1                                                                            |                                                                                                                                                                                                                                            |           | SHEET 1 OF 1                                                                          |                                                           |  |