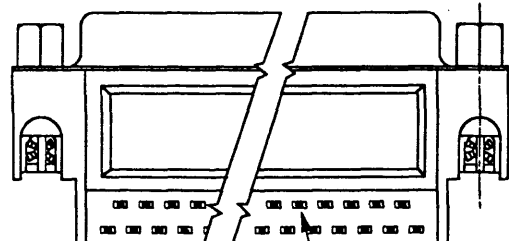
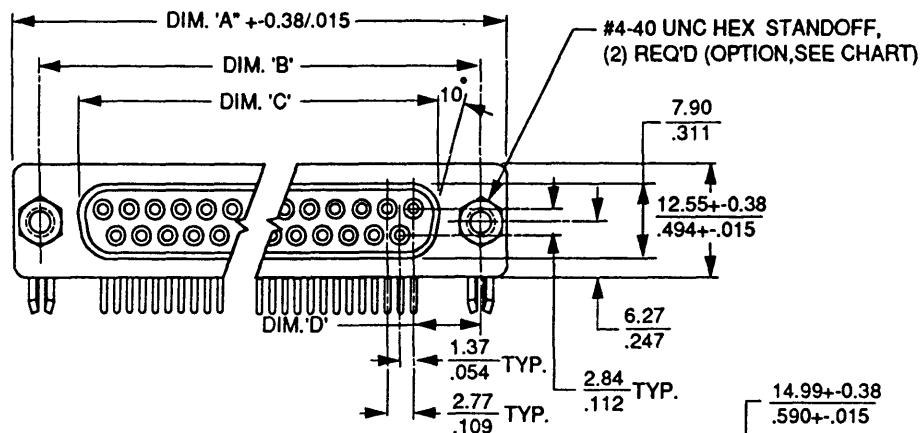
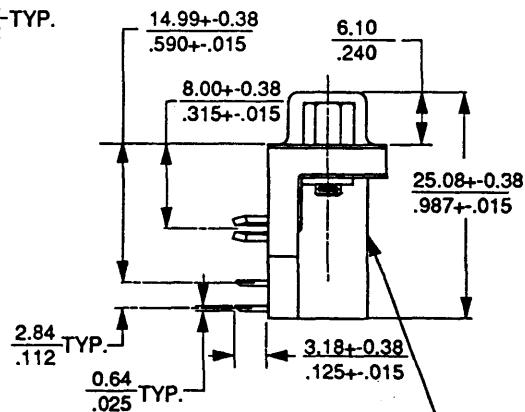


| PRODUCT NO    | NO. OF POS. | DIM. 'A'    | DIM. 'B'    | DIM. 'C'    | DIM. 'D' |
|---------------|-------------|-------------|-------------|-------------|----------|
| 94107 -XXXX09 | 9           | 30.84/1.214 | 24.99/984   | 16.26/640   | 6.96/274 |
| ▲ -XXXX15     | 15          | 39.24/1.545 | 33.32/1.312 | 24.56/967   | 6.96/274 |
| ▼ -XXXX25     | 25          | 53.04/2.088 | 47.04/1.852 | 38.30/1.508 | 6.91/272 |
| 94107 -XXXX37 | 37          | 69.34/2.730 | 63.50/2.500 | 54.76/2.156 | 6.83/269 |
| (NOTE 2)      |             |             |             |             |          |



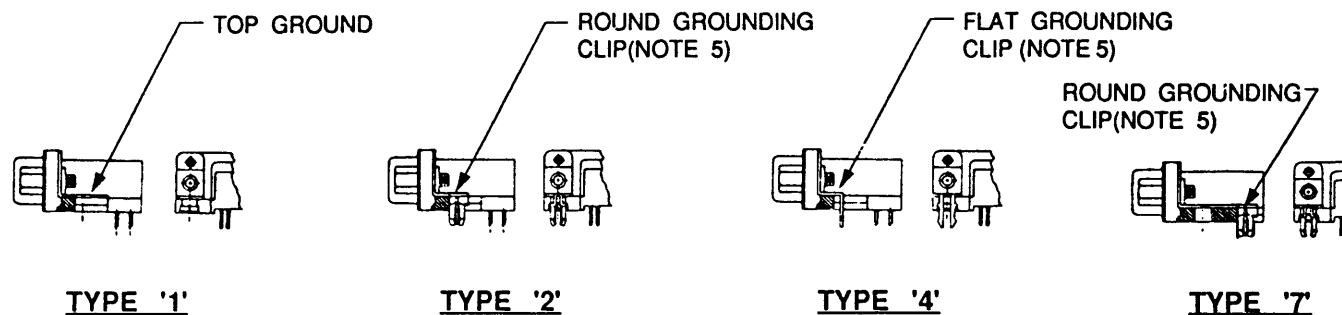
SPACER TYPE SELECTION  
SEE NOTE 2 & 7



'BERG' LOGO TO BE MARKED  
ON THIS SIDE

|                          |          |    |         |                                          |                                                                      |                  |                                                    |         |        |
|--------------------------|----------|----|---------|------------------------------------------|----------------------------------------------------------------------|------------------|----------------------------------------------------|---------|--------|
| mat'l code<br>SEE NOTE 1 |          |    |         | tolerances unless<br>otherwise specified |                                                                      | CUSTOMER<br>COPY | <b>BERG</b><br>ELECTRONICS                         |         |        |
| tr                       | ecn no   | dr | date    | linear                                   | 0.0 $\pm$ 0.38 / .00 $\pm$ .015<br>0.00 $\pm$ 0.25 / .000 $\pm$ .010 |                  |                                                    |         |        |
| A                        | T30272   | JL | 9/2/93  |                                          |                                                                      | projection       | title<br>D - SUB, R/A, FEMALE,<br>.590" FOOT PRINT |         |        |
| B                        | T30340   | JL | 11/3/93 | angles                                   | $\pm 0^{\circ}30'$                                                   |                  | product family                                     | D - SUB | code   |
|                          |          |    |         | dr                                       | J. LIN 8/31/93                                                       | mm               | size                                               | dwg no  | TWN    |
|                          |          |    |         | engr                                     | J. LIN 8/31/93                                                       | inch             | A3                                                 | 94107   | sheet  |
|                          |          |    |         | chr                                      | J. LIN 8/31/93                                                       | scale            |                                                    |         | 1 of 4 |
|                          |          |    |         | appd                                     | C M CHANG 9/2/93                                                     | N/A              |                                                    |         |        |
| sheet                    | revision | B  | B       | B                                        | B                                                                    |                  |                                                    |         |        |
| index                    | sheet    | 1  | 2       | 3                                        | 4                                                                    |                  |                                                    |         |        |

product no.  
SEE CHART



**FIGURE 1. OPTIONS FOR GROUNDING CLIP**

| mat'l code<br>SEE NOTE 1 |          |    |      | tolerances unless<br>otherwise specified     |            | CUSTOMER<br>COPY | <b>BERG</b><br>ELECTRONICS<br>title<br>D - SUB, R/A, FEMALE,<br>.590" FOOT PRINT |         |       |
|--------------------------|----------|----|------|----------------------------------------------|------------|------------------|----------------------------------------------------------------------------------|---------|-------|
| ltr                      | ech no   | dr | date | linear                                       | projection |                  |                                                                                  |         |       |
| B                        |          |    |      | 0.0±0.38 / .00±.015<br>0.00±0.25 / .000±.010 |            |                  |                                                                                  |         |       |
|                          |          |    |      | angles<br>±0°30'                             |            |                  |                                                                                  |         |       |
|                          |          |    |      | dr J. LIN 8/31/93                            | mm         |                  | product family                                                                   | D - SUB | code  |
|                          |          |    |      | engr J. LIN 8/31/93                          | inch       |                  | size                                                                             | dwg no  | TWN   |
|                          |          |    |      | chr J. LIN 8/31/93                           | scale      |                  | A3                                                                               | 94107   | sheet |
|                          |          |    |      | appd C M CHANG 9/2/93                        | N/A        |                  |                                                                                  |         | 2 of  |
| sheet                    | revision |    |      |                                              |            |                  |                                                                                  |         |       |
| index                    | sheet    | 1  |      |                                              |            |                  |                                                                                  |         |       |

product no.  
SEE CHART

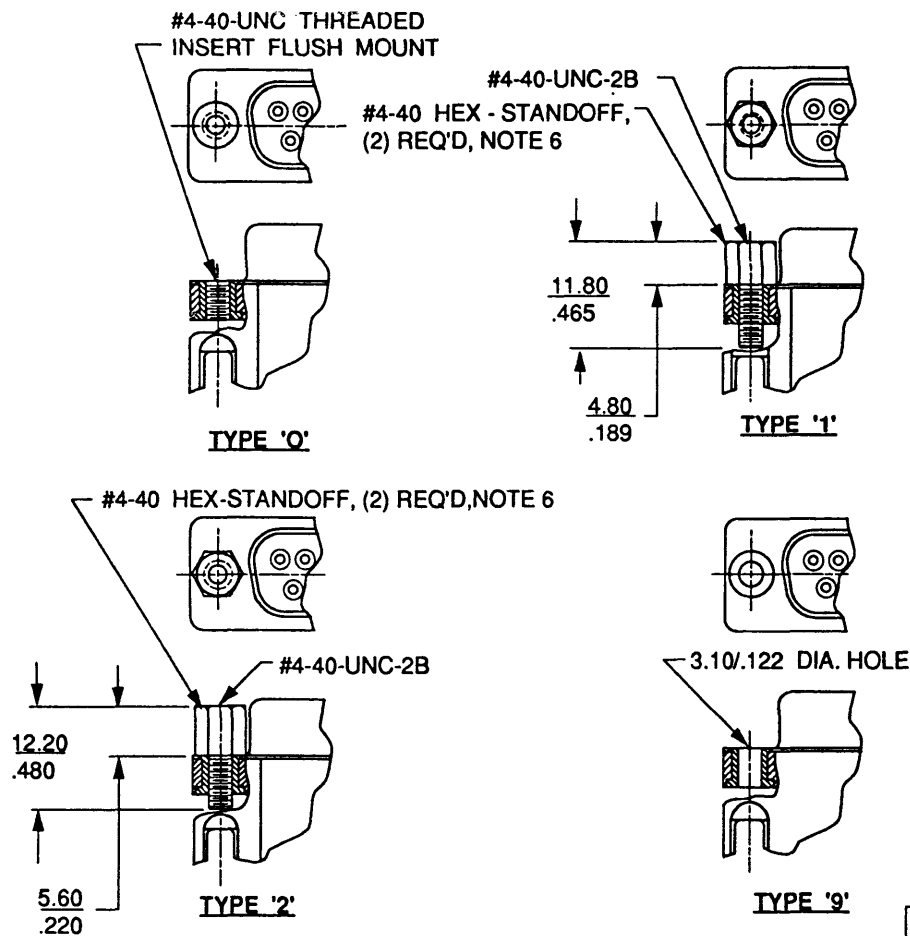


FIGURE 2. OPTIONS FOR HEX-NUT STANDOFF

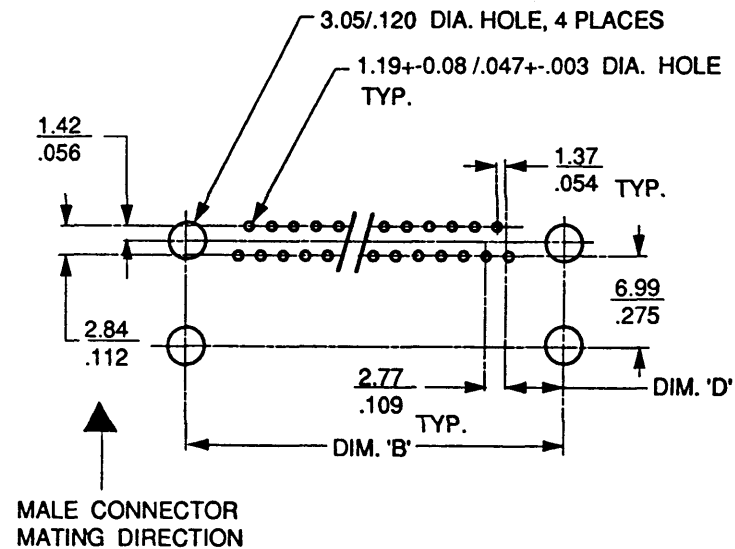


FIGURE 3. RECOMMENDED PCB MOUNTING LAYOUT

|                          |                   |    |      |                                          |                          |                                                                                                     |                                                    |                            |             |
|--------------------------|-------------------|----|------|------------------------------------------|--------------------------|-----------------------------------------------------------------------------------------------------|----------------------------------------------------|----------------------------|-------------|
| mat'l code<br>SEE NOTE 1 |                   |    |      | tolerances unless<br>otherwise specified |                          | CUSTOMER<br>COPY                                                                                    |                                                    | <b>BERG</b><br>ELECTRONICS |             |
| lir                      | ecn no            | dr | date | linear                                   | 0.0+-0.38 / .00+-0.015   | projection<br> | title<br>D - SUB, R/A, FEMALE,<br>.590" FOOT PRINT | product family<br>D - SUB  | code<br>TWN |
| B                        |                   |    |      |                                          | 0.00+-0.25 / .000+-0.010 |                                                                                                     |                                                    |                            |             |
|                          |                   |    |      | angles<br>+0°30'                         | scale<br>N/A             | size<br>dwg no<br>A3                                                                                | 94107                                              | sheet<br>3 of              |             |
|                          |                   |    |      | dr J. LIN 8/31/93                        |                          |                                                                                                     |                                                    |                            |             |
|                          |                   |    |      | enr J. LIN 8/31/93                       |                          |                                                                                                     |                                                    |                            |             |
|                          |                   |    |      | chr J. LIN 8/31/93                       |                          |                                                                                                     |                                                    |                            |             |
|                          |                   |    |      | appd C M CHANG 9/2/93                    |                          |                                                                                                     |                                                    |                            |             |
| sheet<br>index           | revision<br>sheet | 1  |      |                                          |                          |                                                                                                     |                                                    |                            |             |

product no.  
SEE CHART

NOTES :

1. MATERIAL :

- a. HOUSING : GF POLYESTER, FLAME RETARDANT PER UL94V-0, COLOR : BLACK.
- b. SHELL : STEEL STRIP WITH NICKEL OR TIN PLATING, THE SELECTION SEE NOTE 2.
- c. CONTACTS : PHOSPHOR BRONZE WITH GOLD PLATING ON THE CONTACT AREA AND TIN PLATING ON THE SOLDER TAIL THE SELECTION SEE NOTE 2.

2. THE PART NUMBERS ARE ASSIGNED AS FOLLOWS :

94107 - XXXXY

- NO. OF CONTACT
- SHELL PLATING & SPACER TYPE : 1 FOR NICKEL SHELL WITH OPEN SPACER  
2 FOR NICKEL SHELL WITH CLOSE SPACER  
3 FOR TIN SHELL WITH OPEN SPACER  
4 FOR TIN SHELL WITH CLOSE SPACER
- GROUNDING CLIP : 1 FOR TYPE '1', 2 FOR TYPE '2', 4 FOR TYPE '4', 7 FOR TYPE '7'.
- HEX-STANDOFF : 0 FOR TYPE '0', 1 FOR TYPE '1', 2 FOR TYPE '2', 9 FOR TYPE '9'.
- CONTACT PLATING : 0 FOR GOLD FLUSH  
1 FOR 10 MICROINCH GOLD.  
3 FOR 30 MICROINCH GOLD.  
5 FOR 15 MICROINCH GOLD

3. RECOMMENDED PCB MOUNTING LAYOUT SHOWN IN FIGURE 3.

4. THE OPTIONS FOR GROUND CLIP PER FIGURE 1, AND FOR HEX-STANDOFF PER FIGURE 2.

5. GROUNDING CLIP : TYPE '2' AND '4' ARE FOR 3.05/120 DIA. PCB HOLE.

6. BOTH HEX-STANDOFF SHALL BE FASTERNED WITH D-SUB TOGETHER.

7. THERE ARE TWO TYPE OF SPACER, ONE IS THE OPEN(STANDARD) TYPE, THE OTHER IS THE CLOSE TYPE; THE SELECTION SEE NOTE 2.

|                          |                   |    |      |                                          |                       |                                                                                                     |                                                 |                            |  |      |
|--------------------------|-------------------|----|------|------------------------------------------|-----------------------|-----------------------------------------------------------------------------------------------------|-------------------------------------------------|----------------------------|--|------|
| mat'l code<br>SEE NOTE 1 |                   |    |      | tolerances unless<br>otherwise specified |                       | CUSTOMER<br>COPY                                                                                    |                                                 | <b>BERG</b><br>ELECTRONICS |  |      |
| ltr                      | ech no            | dr | date | linear                                   | 0.0-0.38 / 00+-015    | projection<br> | title D - SUB, R/A, FEMALE,<br>.590" FOOT PRINT |                            |  |      |
| B                        |                   |    |      |                                          | 0.00+-0.25 / 000+-010 |                                                                                                     |                                                 |                            |  |      |
|                          |                   |    |      | angles                                   | +0°30'                |                                                                                                     |                                                 |                            |  |      |
|                          |                   |    |      | dr                                       | J. LIN                | 8/31/93                                                                                             | mm<br>Inch                                      | product family D - SUB     |  |      |
|                          |                   |    |      | engr                                     | J. LIN                | 8/31/93                                                                                             |                                                 | code TWN                   |  |      |
|                          |                   |    |      | chr                                      | J. LIN                | 8/31/93                                                                                             | scale                                           | size                       |  |      |
|                          |                   |    |      | appd                                     | C M CHANG             | 9/2/93                                                                                              | N/A                                             | A3                         |  |      |
| sheet<br>index           | revision<br>sheet | 1  |      | 94107                                    |                       |                                                                                                     |                                                 |                            |  | 4 of |