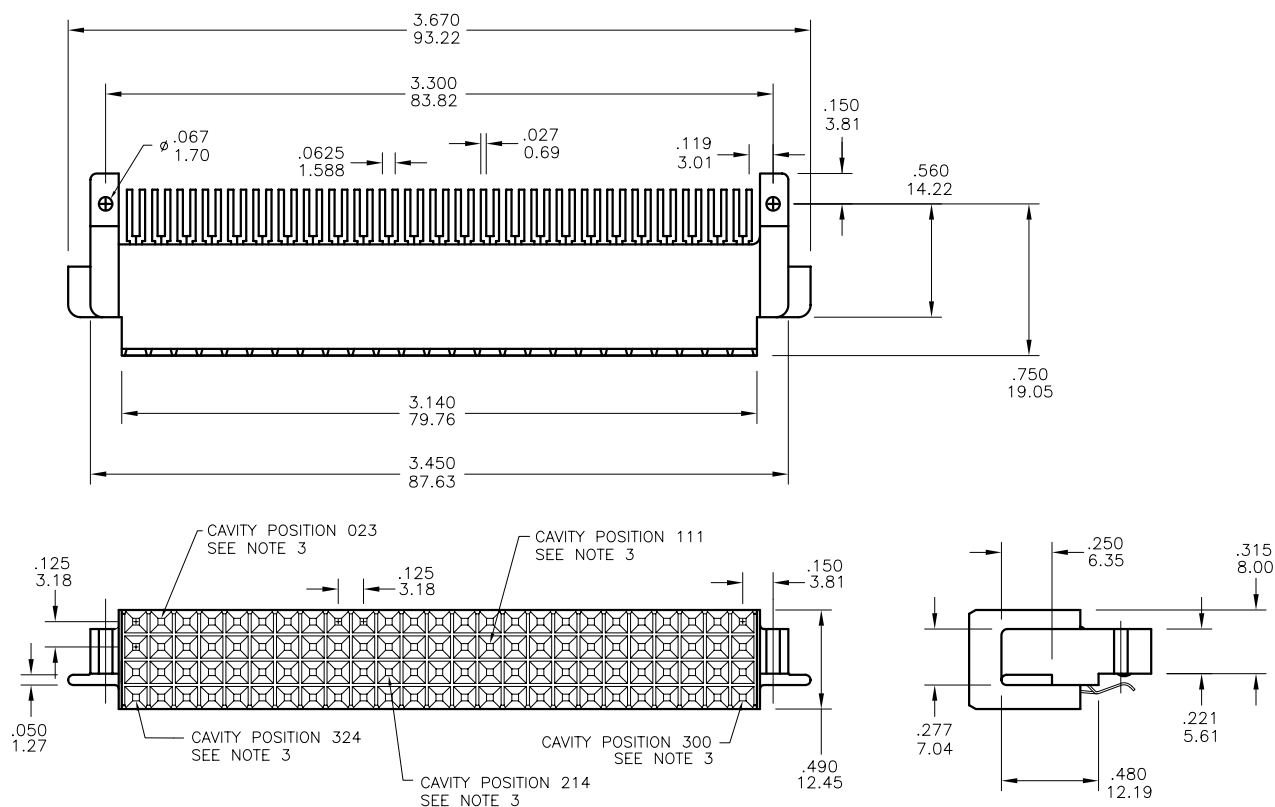


| PRODUCT NUMBER | CAVITIES EQUIPPED WITH CONTACTS    |
|----------------|------------------------------------|
| 963C-100-R     | 000-024, 100-124, 200-224, 300-324 |
| 963C-100-92    | 001-023, 101-123, 201-223, 301-323 |
| 963C-100-0     | NONE                               |

OBSOLETE

OBSOLETE

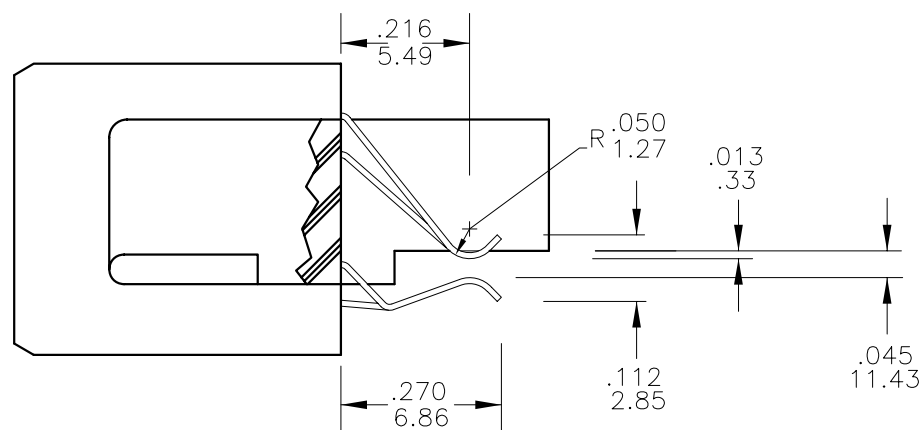


|                           |                |     |            |                                       |                         |                       |                                              |
|---------------------------|----------------|-----|------------|---------------------------------------|-------------------------|-----------------------|----------------------------------------------|
| mat'l. code<br>SEE NOTE 1 |                |     |            | surface<br>ASME Y14.5                 | tolerance<br>ASME Y14.5 | projection<br>INCH/MM | product family<br>FASTECH                    |
| ltr                       | ec'n no        | dr  | date       | tolerances unless otherwise specified | angles                  | scale N.T.S.          | title<br>963C-100 TYPE<br>CONNECTOR ASSEMBLY |
| A                         | V12476         | LSS | 2001-10-10 |                                       |                         |                       | dwg no                                       |
| B                         | V05-0152       | HTB | 2005-08-25 |                                       |                         |                       | sheet 1 of 3                                 |
| C                         | V06-0647       | JRV | 2006-07-06 |                                       |                         |                       | size<br>A4                                   |
| D                         | V07-0320       | HTB | 2007-04-26 |                                       |                         |                       | type<br>CUSTOMER Drawing                     |
|                           |                |     |            | dr                                    | L. SANDERS              | 2001-10-10            |                                              |
|                           |                |     |            | engr                                  | L.R. CONRAD             | 2001-10-10            |                                              |
|                           |                |     |            | chr                                   | L.R. CONRAD             | 2001-10-10            |                                              |
|                           |                |     |            | appd                                  | L.R. CONRAD             | 2001-10-10            |                                              |
| sheet index               | revision sheet | D   | D          | D                                     |                         |                       |                                              |
| 1                         | 1              | 2   | 3          |                                       |                         |                       |                                              |

PRODUCT NUMBER  
 SEE TABLE

## NOTES:

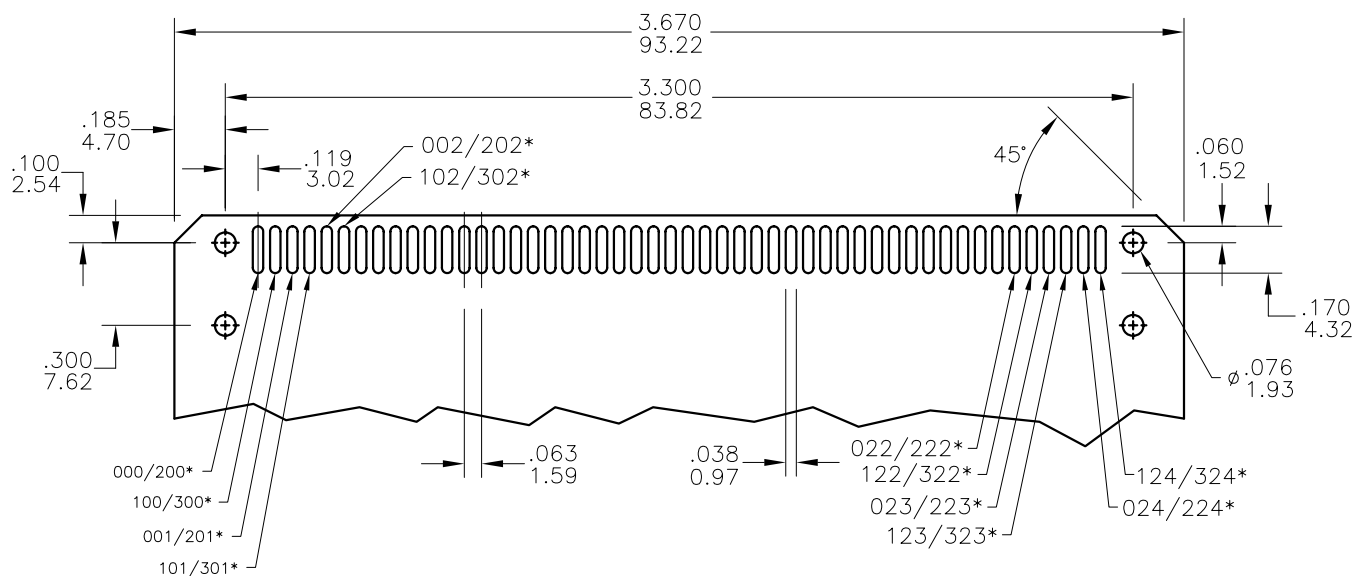
1. INSULATOR MATERIAL: PPS - 40% GLASS FILLED, CONTACT MATERIAL: BASE METAL - C72500 OR C52100, CONTACT - 70u" MIN. DGR-156, TAIL - SOLDER DIPPED.
2. TWO #1-32 X 5/16" BF+ TORX FILLISTER HEAD SCREWS RECOMMENDED FOR ASSEMBLY TO THE PCB.
3. AS VIEWED FROM THE MATING FACE OF THE CONNECTOR WITH THE CODE MARK UP, EACH CONTACT AND INSULATOR CAVITY (EVEN IF NO CONTACT IS PRESENT) IS DESIGNATED BY A THREE DIGIT NUMBER. THE TOP ROW IS NUMBERED RIGHT TO LEFT FROM 000 TO 024, THE SECOND ROW FROM 100 TO 124, THE THIRD ROW 200 TO 224, AND THE BOTTOM ROW FROM 300 TO 324.
4. THE CORRESPONDING INSULATOR CAVITY POSITIONS FOR THE LANDS FROM LEFT TO RIGHT ON THE COMPONENT SIDE ARE AS FOLLOWS: 000, 100, 001, 101, 002, 102, ETC. THE NON-COMPONENT SIDE LANDS CORRESPONDING CONTACT POSITIONS STARTING FROM THE SAME END ARE AS FOLLOWS: 200, 300, 201, 301, 202, 302, ETC.


RIGHT END VIEW WITH RIGHT EAR EXTENSION BROKEN AWAY

|                           |                   |    |      |                                       |                         |                                                                                                     |                                                      |
|---------------------------|-------------------|----|------|---------------------------------------|-------------------------|-----------------------------------------------------------------------------------------------------|------------------------------------------------------|
| mat'l. code<br>SEE NOTE 1 |                   |    |      | surface<br>ASME Y14.5                 | tolerance<br>ASME Y14.5 | projection<br> | product family<br>FASTECH                            |
| ltr                       | ecm no            | dr | date | tolerances unless otherwise specified |                         | INCH/MM                                                                                             | title<br><b>963C-100 TYPE<br/>CONNECTOR ASSEMBLY</b> |
| d                         |                   |    |      | angles                                | to<br>line              |                                                                                                     |                                                      |
|                           |                   |    |      |                                       |                         | scale N.T.S.                                                                                        | dwg no                                               |
|                           |                   |    |      | dr                                    | L. SANDERS              | 2001-10-10                                                                                          | sheet 2 of 3                                         |
|                           |                   |    |      | engr                                  | L.R. CONRAD             | 2001-10-10                                                                                          | size                                                 |
|                           |                   |    |      | chr                                   | L.R. CONRAD             | 2001-10-10                                                                                          | <b>A77KC4064</b>                                     |
|                           |                   |    |      | appd                                  | L.R. CONRAD             | 2001-10-10                                                                                          | type                                                 |
| sheet<br>index            | revision<br>sheet |    |      |                                       |                         |                                                                                                     | CUSTOMER Drawing                                     |

PRODUCT NUMBER  
SEE TABLE

# 963C-100 TYPE RECOMMENDED PC BOARD LAYOUT (COMPONENT SIDE)



\* CORRESPONDING CONNECTOR CONTACT LEAD - COMPONENT SIDE/NON-COMPONENT SIDE (SAME LOCATION ON THE OPPOSITE SIDE OF THE PCB).  
SEE NOTES 3 AND 4.

|                           |          |    |      |                                       |                         |              |                                     |
|---------------------------|----------|----|------|---------------------------------------|-------------------------|--------------|-------------------------------------|
| mat'l. code<br>SEE NOTE 1 |          |    |      | surface<br>ASME Y14.5                 | tolerance<br>ASME Y14.5 | projection   | product family<br>FASTECH           |
| ltr                       | ecm no   | dr | date | tolerances unless otherwise specified |                         | INCH/MM      | title                               |
| d                         |          |    |      | angles                                | radius                  |              | 963C-100 TYPE<br>CONNECTOR ASSEMBLY |
|                           |          |    |      |                                       |                         | scale N.T.S. | dwg no                              |
|                           |          |    |      | dr                                    | L. SANDERS              | 2001-10-10   | sheet 3 of 3                        |
|                           |          |    |      | enfr                                  | L.R. CONRAD             | 2001-10-10   | size                                |
|                           |          |    |      | chr                                   | L.R. CONRAD             | 2001-10-10   | A4                                  |
|                           |          |    |      | appd                                  | L.R. CONRAD             | 2001-10-10   | type                                |
| sheet                     | revision |    |      |                                       |                         |              | CUSTOMER Drawing                    |
| index                     | sheet    |    |      |                                       |                         |              |                                     |