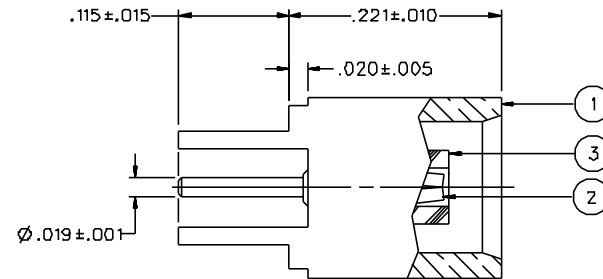
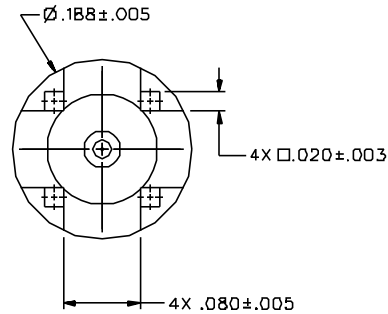
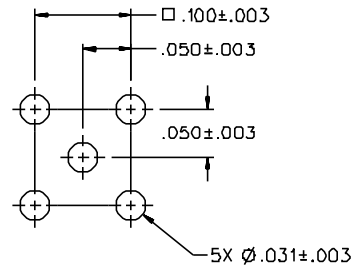


| PART NUMBER  | ITEM ①<br>BODY  | ITEM ②<br>CONTACT  | ITEM ③<br>INSULATOR |
|--------------|---|--|---------------------|
| 133-3701-231 | BRASS<br>GOLD PL .00001 MIN OVER<br>NICKEL PL .00005 MIN OVER<br>COPPER PL .00005 MIN | BERYLLIUM COPPER<br>GOLD PL .00003 MIN OVER<br>NICKEL PL .00005 MIN OVER<br>COPPER PL .00005 MIN | TEFLON              |
| 133-3701-236 | BRASS<br>NICKEL PL .0001 MIN OVER<br>COPPER PL .00005 MIN                             | BERYLLIUM COPPER<br>GOLD PL .00003 MIN OVER<br>NICKEL PL .00005 MIN OVER<br>COPPER PL .00005 MIN | TEFLON              |



### MOUNTING HOLE LAYOUT

#### NOTES:

##### 1. SPECIFICATIONS:

IMPEDANCE: 50 OHMS  
 FREQUENCY RANGE: 0-6 GHz  
 VSWR: NOT APPLICABLE  
 WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL  
 DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL  
 INSULATION RESISTANCE: 10000 MEGOHM MIN  
 CONTACT RESISTANCE:  
   CENTER CONTACT - INITIAL 5 MILLIOHM MAX, AFTER ENVIRONMENTAL 8 MILLIOHM MAX  
   OUTER CONDUCTOR - GOLD PLATED INITIAL 1 MILLIOHM MAX, AFTER ENVIRONMENTAL 1.5 MILLIOHM MAX  
   NICKEL PLATED INITIAL 2.5 MILLIOHM MAX, AFTER ENVIRONMENTAL 3.5 MILLIOHM MAX  
   BRAID TO BODY - NOT APPLICABLE  
 CORONA LEVEL: 250 VOLTS MINIMUM AT 70,000 FEET  
 INSERTION LOSS: NOT APPLICABLE  
 RF LEAKAGE: NOT APPLICABLE  
 RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 600 VRMS AT 4 AND 7 MHZ

##### MECHANICAL:

ENGAGE/DISENGAGE FORCE: 5.6 LBS MAX ENGAGEMENT  
   1.0 LB MIN DISENGAGEMENT  
   8.0 LBS MAX DISENGAGEMENT

CONTACT RETENTION FORCE: 2.3 LBS MIN AXIAL FORCE  
 CONTACT RETENTION TORQUE: NOT APPLICABLE  
 COUPLING MECHANISM RETENTION: NOT APPLICABLE  
 CABLE ACCEPTABILITY: NOT APPLICABLE  
 CABLE HEX CRIMP SIZE: NOT APPLICABLE  
 CABLE RETENTION: NOT APPLICABLE  
 DURABILITY: 500 CYCLES MIN

##### ENVIRONMENTAL:

(MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-C-39012)  
 THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION F  
 OPERATING TEMPERATURE: -65 DEG C TO 165 DEG C  
 CORROSION: MIL-STD-202, METHOD 101, CONDITION B  
 SHOCK: MIL-STD-202, METHOD 213, CONDITION B  
 VIBRATION: MIL-STD-202, METHOD 204, CONDITION B  
 MOISTURE: MIL-STD-202, METHOD 106

|  |  |
|--|--|
| DRAWING NO.  |  |
| C - 133-3701-231/240   |  |
| 0  | REVISIONS                              |
| ENGINEERING RELEASE  |  |
| 1  | 4-11-95 R H S L B R 4-26-95 ECN 43117  |
| CHANGED: 4X 0.020-.003 WAS 4X .017-.003, 4X .080-.003 WAS 4X .082-.003   |  |
| 2  | 12-2-96 R H S L B R 4-26-95 ECN 44345  |
| CHANGED: 5.6 LBS MAX ENGAGEMENT WAS 3.4 LBS 1.0 LB MIN/8.0 LBS MAX DISENGAGEMENT WAS 5 LBS TYPICAL   |  |
| *****<br>* REVISION NUMBER FOLLOWED BY AN ALPHA *<br>* CHARACTER INDICATE DRAWING CLARIF. *<br>* CATION OR PART NUMBER ADDITION ONLY. *<br>***** |  |
| 2a   | 10-31-01 R H S L B R 4-26-95 ECN 47954 |

### CUSTOMER DRAWING

THIS DRAWING TO BE INTERPRETED PER ANSI Y 14.5M - 1982

"μSTATION"

COMPANY CONFIDENTIAL

|                                      |                         |                 |   |              |
|--------------------------------------|-------------------------|-----------------|---|--------------|
| TOLERANCE UNLESS OTHERWISE SPECIFIED | DRAWN BY<br>SWC         | DATE<br>7-29-94 | <br>Cinch Connectivity Solutions<br>299 Johnson Ave. Ste. 100<br>Waukegan, MN 56003<br>1-800-247-8256 |              |
| DECIMALS<br>.XX                      | CHECKED BY<br>SWC       | DATE<br>4-12-95 | TITLE<br>JACK ASSEMBLY<br>STRAIGHT PC MOUNT<br>MCX  |              |
| .XXX                                 | APPROVED BY<br>TAK      | DATE<br>4-2D-95 | CODE NO.  | DRAWING NO.  |
| MATL                                 | APPROVED BY<br>RJB      | DATE<br>4-21-95 | C - 133-3701-231/240  |              |
| FINISH                               | RELEASE DATE<br>4-26-95 | SCALE 10:1      | U/W INCH  | SHEET 2 OF 2 |