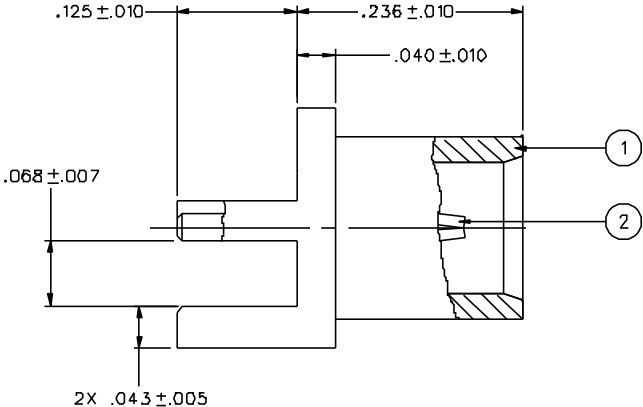
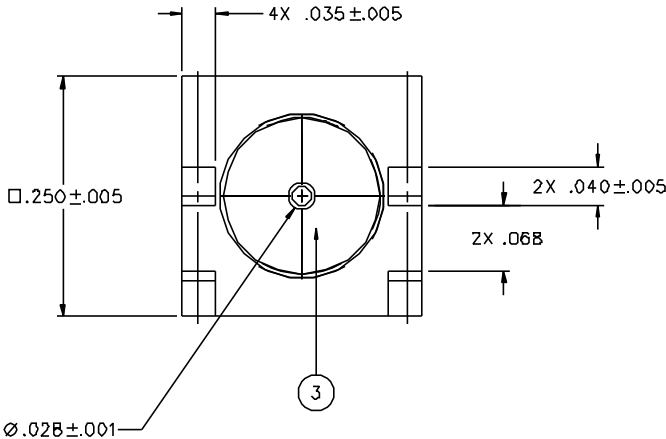


| PART NUMBER  | ITEM ①<br>BODY                                                                        | ITEM ②<br>CONTACT                                                                                | ITEM ③<br>INSULATOR |
|--------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|---------------------|
| 133-8701-B01 | 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              |



NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 75 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: 1000 MEGOHM MIN  
 CONTACT RESISTANCE:  
   CENTER CONTACT - INITIAL 5 MILLIOHM MAX, AFTER ENVIRONMENTAL 8 MILLIOHM MAX  
   OUTER CONDUCTOR - INITIAL 1 MILLIOHM MAX, AFTER ENVIRONMENTAL 1.5 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 & 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

|                                                                                                                                                                                                                                                                                        |                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| DRAWING NO.<br>C - 133-8701-801/810                                                                                                                                                                                                                                                    |                                  |
| 0                                                                                                                                                                                                                                                                                      | REVISIONS                        |
| ENGINEERING RELEASE                                                                                                                                                                                                                                                                    |                                  |
| 1                                                                                                                                                                                                                                                                                      | 3-11-99 R H A A 4-6-99 ECN 46171 |
| DELETED: P/N 133-8701-B06                                                                                                                                                                                                                                                              |                                  |
| 1a                                                                                                                                                                                                                                                                                     | 7-22-99 R H A A ECN 46518        |
| CHANGED: .035 WAS .032, .040 WAS .065<br>DELETED: 3.0 LB TYPICAL ENGAGEMENT, 1.0 LB MIN<br>ADDED: 1.0 LB MIN DISENGAGEMENT, 8.0 LBS MAX DISENGAGEMENT<br>* REVISION NUMBER FOLLOWED BY AN ALPHA *<br>* CHARACTER INDICATES DRAWING CHANGE *<br>* CATION ON PART NUMBER ADDITION ONLY * |                                  |
| 1b                                                                                                                                                                                                                                                                                     | 11-9-D1 S K L G ECN 47568        |

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

|                                      |                        |                 |                                                                                                                                                  |                                     |
|--------------------------------------|------------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| TOLERANCE UNLESS OTHERWISE SPECIFIED | DRAWN BY<br>KAS        | DATE<br>8/6/98  |  299 Johnson Ave.<br>P.O. Box 1732<br>Waseca, MN 56093-0832 |                                     |
| DECIMALS<br>.XX                      | CHECKED BY<br>KAS      | DATE<br>3-12-99 | TITLE<br>MCX 75 OHM,<br>END LAUNCH JACK                                                                                                          |                                     |
| XXX --.003                           | APPROVED BY<br>TAK     | DATE<br>3-22-99 |                                                                                                                                                  |                                     |
| MATL                                 | APPROVED BY<br>RJB     | DATE<br>3-23-99 | CODE NO.                                                                                                                                         | DRAWING NO.<br>C - 133-8701-801/810 |
| FINISH                               | RELEASE DATE<br>4-6-99 | SCALE<br>10:1   | U/M<br>INCH                                                                                                                                      | SHEET<br>2 OF 2                     |