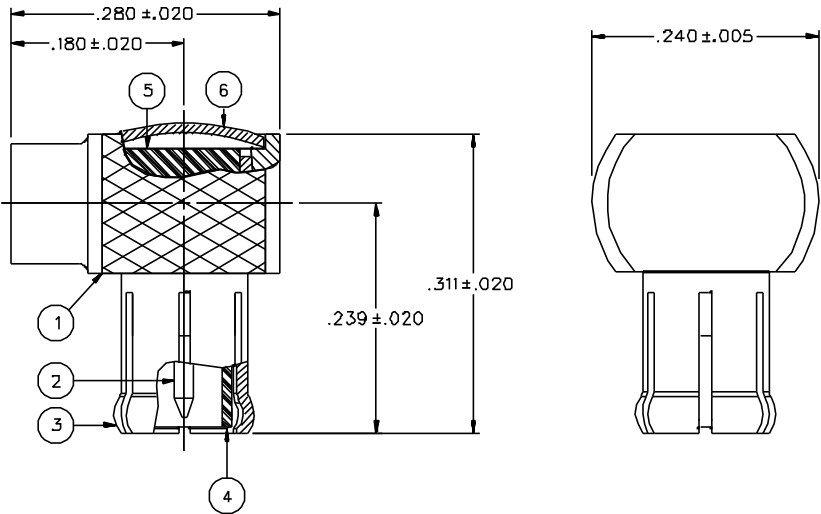


| PART NUMBER  | ITEM ①<br>BODY                                                                        | ITEM ②<br>CONTACT                                                                     | ITEM ③<br>INTERFACE                                                                              | ITEM ④<br>INSULATOR | ITEM ⑤<br>INSULATOR | ITEM ⑥<br>END CAP                                                                     |
|--------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|---------------------|---------------------|---------------------------------------------------------------------------------------|
| 133-3693-101 | BRASS<br>GOLD PL .00001 MIN OVER<br>NICKEL PL .00005 MIN OVER<br>COPPER PL .00005 MIN | BRASS<br>GOLD PL .00003 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              | TEFLON              | BRASS<br>GOLD PL .00001 MIN OVER<br>NICKEL PL .00005 MIN OVER<br>COPPER PL .00005 MIN |
| 133-3693-106 | BRASS<br>NICKEL PL .0001 MIN OVER<br>COPPER PL .00005 MIN                             | BRASS<br>GOLD PL .00003 MIN OVER<br>NICKEL PL .00005 MIN OVER<br>COPPER PL .00005 MIN | BERYLLIUM COPPER<br>NICKEL PL .0001 MIN OVER<br>COPPER PL .00005 MIN                             | TEFLON              | TEFLON              | BRASS<br>NICKEL PL .0001 MIN OVER<br>COPPER PL .00005 MIN                             |



NOTES:

1. SPECIFICATIONS:

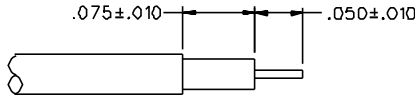
IMPEDANCE: 50 OHMS  
 FREQUENCY RANGE: 0-6 GHz  
 VSWR: 1.07+.04F MAX (F IN GHz)  
 WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL  
 DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL  
 INSULATION RESISTANCE: 10000 MEGOHM MIN  
 CONTACT RESISTANCE:  
   CENTER CONTACT - INITIAL 5 MILLIOHM MAX, AFTER ENVIRONMENTAL 15 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  
 BODY TO CABLE - GOLD PLATED INITIAL 1 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE  
   NICKEL PLATED INITIAL 2.5 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE  
 CORONA LEVEL: 250 VOLTS MINIMUM AT 70.0DD FEET  
 INSERTION LOSS: .2 DB MAX AT 1 GHz  
 RF LEAKAGE: -.55 DB AT 2.5 GHz  
 RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 670 VRMS AT 4 AND 7 MHZ

MECHANICAL:

ENGAGE/DISENGAGE FORCE: 5.6 LBS MAX ENGAGEMENT  
   10/8.0 LBS MIN/MAX DISENGAGEMENT  
 CONTACT RETENTION FORCE: 2.3 LBS MIN AXIAL FORCE  
 CONTACT RETENTION TORQUE: NOT APPLICABLE  
 COUPLING MECHANISM RETENTION: NOT APPLICABLE  
 CABLE ACCEPTABILITY: RG 405, .086 DIA SEMIDIGID  
 CABLE HEX CRIMP SIZE: NOT APPLICABLE  
 CABLE RETENTION: 16 OZ IN MIN TORQUE, 30 LBS MIN AXIAL FORCE  
 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 RESISTANCE: MIL-STD-202, METHOD 106



CABLE STRIP DIMENSIONS

4:1

|                                          |           |   |   |           |           |
|------------------------------------------|-----------|---|---|-----------|-----------|
| DRAWING NO.                              |           |   |   |           |           |
| C - 133-3693-101/110                     |           |   |   |           |           |
| 0                                        | REVISIONS |   |   |           |           |
| ENGINEERING RELEASE                      |           |   |   |           |           |
| 1                                        | 10-4-95   | R | H | 11-14-95  | ECN 43717 |
| CHANGED: -55 DB RF LEAK WAS              |           |   |   |           |           |
| -70 DB 5.6 LBS MAX ENGAGE WAS            |           |   |   |           |           |
| 3.4 LBS, 1.0/8.0 LBS DISENGAGE           |           |   |   |           |           |
| WAS 2.25/4.8 LBS, 2.3 LBS                |           |   |   |           |           |
| RETENTION WAS 4 LBS                      |           |   |   |           |           |
| *****                                    |           |   |   |           |           |
| * REVISION NUMBER FOLLOWED BY AN ALPHA * |           |   |   |           |           |
| * CHARACTER INDICATES DRAWING CLARITY *  |           |   |   |           |           |
| * CATION OR PART NUMBER ADDITION ONLY. * |           |   |   |           |           |
| *****                                    |           |   |   |           |           |
| 1a                                       | 10-3-00   | R | H | ECN 47356 |           |

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

|                                         |                      |                 |                                                                                                                                                  |                                     |
|-----------------------------------------|----------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| TOLERANCE UNLESS<br>OTHERWISE SPECIFIED | DRAWN BY<br>T.A.KARI | DATE<br>9-17-95 |  299 Johnson Ave.<br>P.O. Box 1732<br>Waseca, MN 56093-0832 |                                     |
|                                         | CHECKED BY<br>TAK    | DATE<br>10-9-95 |                                                                                                                                                  |                                     |
| DECIMALS<br>.XX                         | APPROVED BY<br>TAK   | DATE<br>10-9-95 | TITLE<br>PLUG ASSEMBLY<br>RIGHT ANGLE CABLED, RG 405<br>MCX                                                                                      |                                     |
| XXX                                     |                      |                 |                                                                                                                                                  |                                     |
| MATL                                    | APPROVED BY<br>RJB   | DATE<br>11-7-95 | CODE NO.                                                                                                                                         | DRAWING NO.<br>C - 133-3693-101/110 |
| FINISH                                  | RELEASE DATE         | 11-14-95        | SCALE 10:1                                                                                                                                       | U/M INCH SHEET 2 OF 2               |