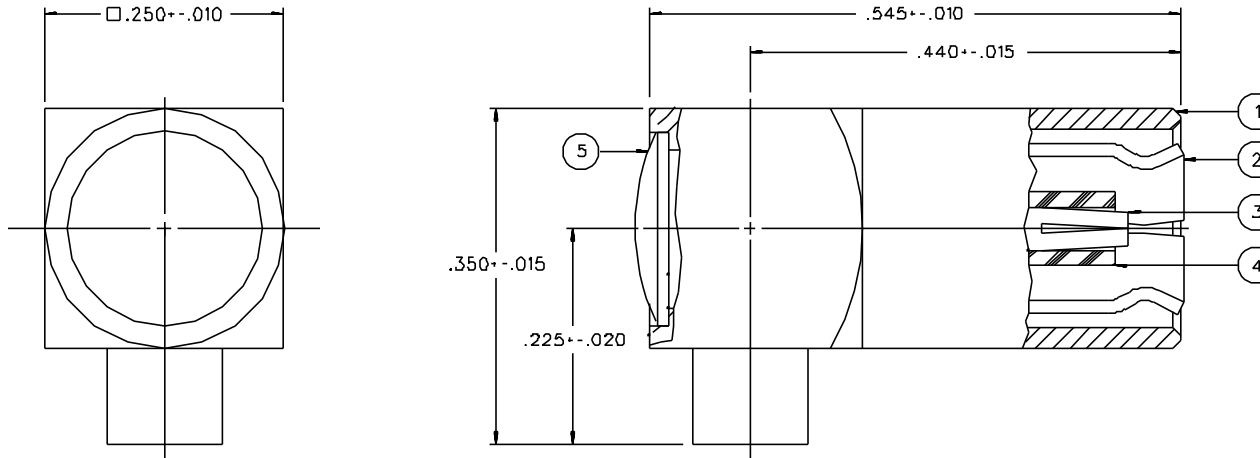


PART NUMBER	ITEM ① BODY	ITEM ② INTERFACE	ITEM ③ CONTACT	ITEM ④ INSULATOR	ITEM ⑤ END CAP
131-3693-101	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN
131-3693-106	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN
131-3693-116	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN



NOTES:

1. SPECIFICATIONS:

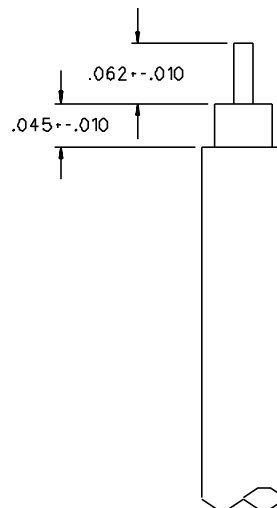
IMPEDANCE: 50 OHMS  
 FREQUENCY RANGE: 0-4 GHZ  
 VSWR: 1.35 ± .04 F (F IN GHZ)  
 WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL  
 DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL  
 INSULATION RESISTANCE: 1000 MEGOHM MIN  
 CONTACT RESISTANCE:  
 CENTER CONTACT - INITIAL 12 MILLIOHM MAX, AFTER ENVIRONMENTAL 16 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 - INITIAL 1 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE  
 CORONA LEVEL: 250 VOLTS MIN AT 70,000 FEET  
 INSERTION LOSS: .60 DB MAX AT 1.5 GHZ  
 RF LEAKAGE: -.55 DB MIN AT 2.5 GHZ  
 RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 700 VRMS MIN AT 4 AND 7 MHZ

MECHANICAL:

ENGAGE/DISENGAGE FORCE: INITIAL 14 LBS MAX, AFTER DURABILITY 14 LBS MAX  
 ENCAEMENT/2 LBS MIN DISENGAGEMENT  
 MATING TORQUE: NOT APPLICABLE  
 COUPLING PROOF TORQUE: NOT APPLICABLE  
 COUPLING NUT RETENTION: NOT APPLICABLE  
 CONTACT RETENTION: 4 LBS MIN AXIAL FORCE  
 CABLE ACCEPTABILITY: RG 405 SEMIRIGID  
 CABLE HEX CRIMP SIZE: NOT APPLICABLE  
 CABLE RETENTION: 16 IN-OZ MIN TORQUE, 3D 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 B  
 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



CABLE STRIP DIMENSIONS

DRAWING NO. C - 131-3693-101/120	
0 REVISIONS	
ENGINEERING RELEASE	
01	09-21-88 EJ LCS/RJB 9-26-88 ECO 23552
CHANGED: .545 ± .010 WAS ± .015.	
2	8-9-90 [Signature] [Signature] [Signature] 8-10-90 ECO 24820
VERSION UPDATE	
3	1-16-92 [Signature] [Signature] [Signature] [Signature] 1-22-92 ECO 40826
CHANGED: RF LEAK 2.5 GHZ WAS 2 TO 3 GHZ, RF HIGH POT 4 AND 7 MHZ WAS 5	
3d	4-21-94 [Signature] [Signature] [Signature] [Signature] 5-10-94 ECN 42377
CHANGED: .045 ± .010 WAS .094 ± .015, .062 ± .010 WAS .065 ± .015	
***** REVISION NUMBER FOLLOWED BY AN ALPHA ***** * CHARACTER INDICATES DRAWING CLARIFICATION * * CANNOT BE PART NUMBER ADDITION ONLY. *****	
3b	12-15-94 [Signature] [Signature] [Signature] [Signature] 1-3-95 ECN 42964
CHANGED: UPDATED GRAPHICS	
4	11-19-96 [Signature] [Signature] [Signature] [Signature] ECN 44295
CHANGED: .350 ± .015 WAS .468 ± .015, .225 ± .020 WAS .334 ± .020, UPDATED GRAPHICS DELETED: DIA .320 MAX ADDED: DIA .250 ± .010	
5	2-28-00 [Signature] [Signature] [Signature] [Signature] ECN 46868

CUSTOMER DRAWING

THIS DRAWING TO BE ENTERPRETED PER ANSII Y 14.5M - 1982

"µSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN BY EJ	DATE 7-13-88	299 Johnson Ave. P.O. Box 1732 Waseca, MN 56093-0832	
DECIMALS .XX	CHECKED BY	DATE	TITLE PLUG ASSEMBLY, RA CABLED SMB, 50 OHM, RG 405	
.XXX	APPROVED BY LCS	DATE 9-21-88	CODE NO.	DRAWING NO. C - 131-3693-101/120
MATL	APPROVED BY RJB	DATE 9-21-88	SCALE 10:1	U/W INCH SHEET 2 OF 2
FINISH	RELEASE DATE	9-26-88		