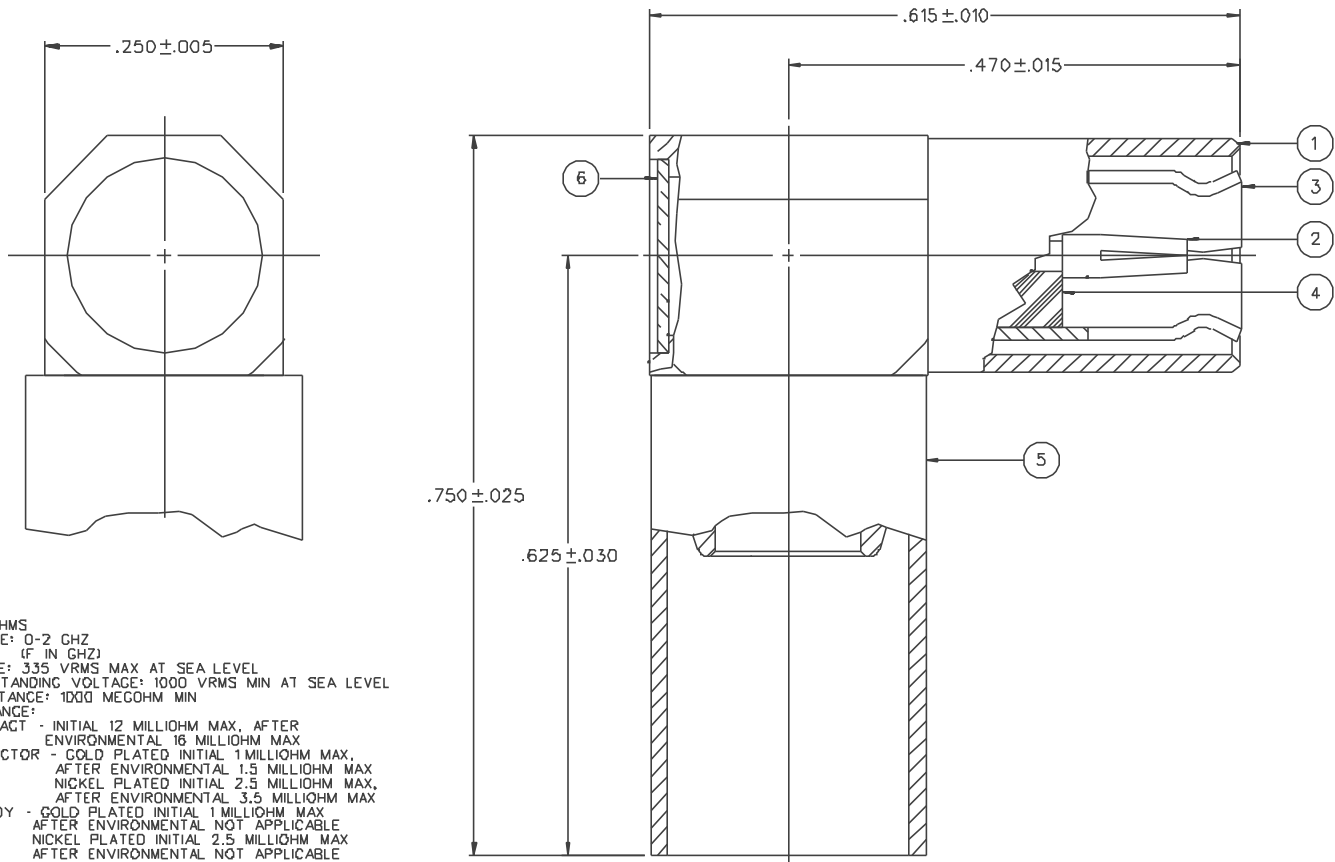


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INTERFACE	ITEM ④ INSULATOR	ITEM ⑤ CRIMP SLEEVE	ITEM ⑥ END CAP
131-B409-101	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	COPPER GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN
131-B409-106	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 NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	TEFLON	COPPER NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN



NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 75 OHMS
 FREQUENCY RANGE: 0-2 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 - 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 MIN AT 70,000 FEET
 INSERTION LOSS: .60 DB MAX AT 1.5 GHZ
 RF LEAKAGE: -.55 DB MIN AT 2 GHZ
 RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 700 VRMS MIN AT 4 AND 7 MHZ

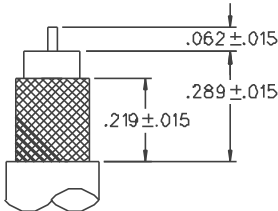
MECHANICAL:

ENGAGE/DISENGAGE FORCE: INITIAL 14 LBS MAX, AFTER DURABILITY 14 LBS MAX
 ENGAGEMENT/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: RG59/U

CABLE HEX CRIMP SIZE: .255
 CABLE RETENTION: 40 LBS MIN OR CABLE BREAKING STRENGTH
 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: ML-STD-202, METHOD 204, CONDITION B



CABLE STRIP DIMENSIONS

4:1

DRAWING NO.			
C - 131-8409-101/110			
0	REVISIONS		
ENGINEERING RELEASE			
1	7-23-97	R H B	7-30-97 ECN 44826
VERSION UPDATE			

* REVISION NUMBER FOLLOWED BY AN ALPHA *			
* CHARACTER INDICATES DRAWING CLASS *			
* CATION OR PART NUMBER ADDITION ONLY *			

1a	6-3-98	R H B	ECN 45482
CHANGED: CABLE STRIP DIMENSION			
289+.015 WAS 297+.015			
UPDATED TO TPC BODY DESIGN			
2	1-12-00	R H B	ECN 46806

CUSTOMER DRAWING

THIS DRAWING TO BE ENTERPRETED
 PER ANSI Y14.5M - 1982

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN BY RJB	DATE 6-6-97	299 Johnson Ave. P.O. Box 1732 Waseca, MN 56093-0832	
DECIMALS .XX	CHECKED BY	DATE	TITLE PLUG ASSEMBLY, RA CABLED, MINI-75 OHM SMB, RG 59	
XXX	APPROVED BY RJB	DATE 7-24-97		
MATL	APPROVED BY	DATE	CODE NO.	DRAWING NO. C - 131-8409-101/110
FINISH	RELEASE DATE	7-30-97	SCALE 10:1	U/M INCH SHEET 2 OF 2