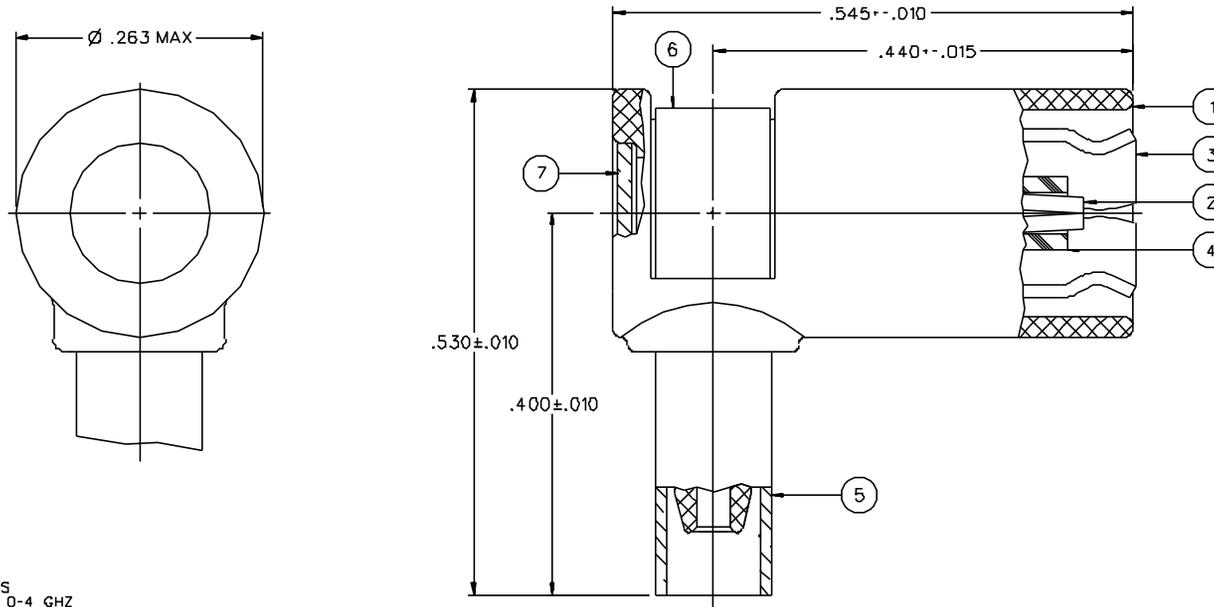


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ INTERFACE	ITEM ④ INSULATOR	ITEM ⑤ SLEEVE	ITEM ⑥ COVER RING	ITEM ⑦ END CAP
131-1402-1D1	ZINC GOLD PL .00001 MIN OVER NICKEL PL .00015 MIN OVER COPPER PL .0005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM 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	PHOSPHOR BRONZE 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
131-1402-1D6	ZINC NICKEL PL .00015 MIN OVER COPPER PL .0005 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 NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	PHOSPHOR BRONZE NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN
131-1402-116	ZINC NICKEL PL .00015 MIN OVER COPPER PL .0005 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	PHOSPHOR BRONZE NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN

DRAWING NO. C - 131-1402-101/120			
0 REVISIONS			
ENGINEERING RELEASE			
5	8-3-90	J J A B B W	8-7-90 ECN 24802
CHANGED: RF LEAK 2.5 GHZ WAS 2 TO 3 GHZ, RF HIGH POT 4 AND 7 MHZ WAS 5			
* REVISION NUMBER FOLLOWED BY AN ALPHA *			
* CHARACTER INDICATES DRAWING CLARIFI. *			
* CATION OR PART NUMBER ADDITION ONLY. *			
5a	4-22-94	R H I R H K A B	5-10-94 ECN 42367
VERSION UPDATE			
6	5-18-95	R H I R H K A B	ECN 43336



NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 50 OHMS
 FREQUENCY RANGE: 0-4 GHZ
 VSWR: 1.45-.06 F (F IN GHZ)
 WORKING VOLTAGE: 250 VRMS MAX AT SEA LEVEL
 DIELECTRIC WITHSTANDING VOLTAGE: 750 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: 185 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: 500 VRMS MIN AT 4 AND 7 MHZ

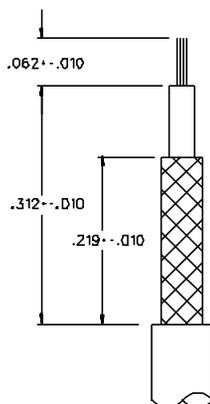
MECHANICAL:

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: RG 17B/U, RG 196/U

CABLE HEX CRIMP SIZE: .105
 CABLE RETENSION: 10 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: MIL-STD-202, METHOD 204, CONDITION B



CABLE STRIP DIMENSIONS

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN BY EJ	DATE 8-3-90	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 17B	
.XXX	APPROVED BY RJB	DATE 8-6-90	CODE NO.	DRAWING NO. C - 131-1402-101/120
MATL	APPROVED BY	DATE	SCALE 10:1	U/W INCH SHEET 2 OF 2
FINISH	RELEASE DATE	DATE	B-7-90	