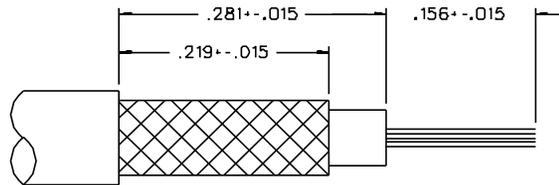
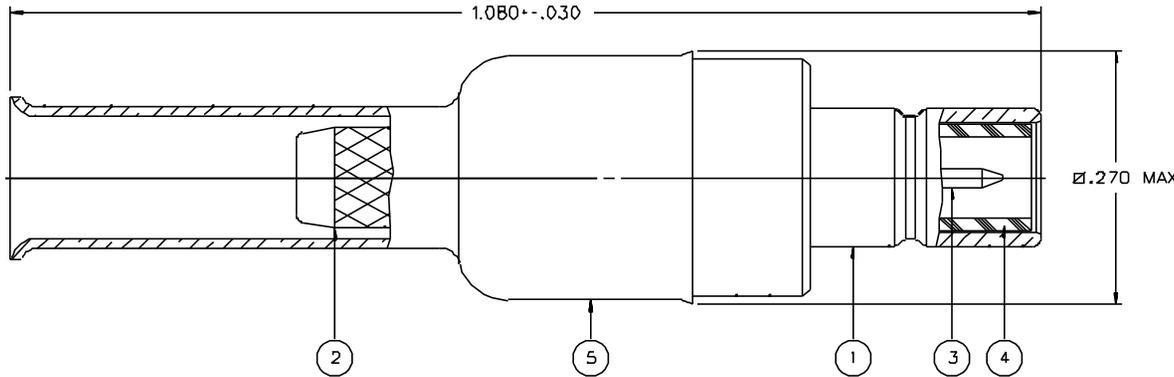


PART NUMBER	ITEM ① BODY - FRONT	ITEM ② BODY - REAR	ITEM ③ CONTACT	ITEM ④ INSULATOR	ITEM ⑤ CRIMP SLEEVE
131-3303-001	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	COPPER GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN
131-3303-006	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS 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



CABLE STRIP DIMENSIONS

NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 50 OHMS  
 FREQUENCY RANGE: 0-4 GHZ  
 VSWR: 1.25 ± .04 F (F IN GHZ) (50 OHM CABLE ONLY)  
 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 8 MILLIOHM MAX, AFTER ENVIRONMENTAL 8 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: .30 DB MAX AT 1.5 GHZ (5D OHM CABLE ONLY)  
 RF LEAKAGE: -55 DB MIN AT 2.5 GHZ (50 OHM CABLE ONLY)  
 RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 700 VRMS 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 188/U, RG 316/U, RG 179/U, RG 174/U, RG 161/U, RG 167/U  
 CABLE HEX CRIMP SIZE: .128  
 CONTACT CRIMP TOOL: JCIPART NUMBER 141-0000-911  
 CABLE RETENTION: 20 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

DRAWING NO. C - 131-3303-001/010	
0	REVISIONS
ADDED: COPPER PL TO CONTACT. CHANGED: REVISED AND REDRAWN. WAS "D" SIZE, DATED 1-7-86. 1.080 ± .030 WAS 1.080 ± .020. 131-3303-006: NICKEL PL PARTS .0001 MIN WAS .00005 MIN.	
05	05-03-88 E L R H 10-27-89 7 8 9 ECO 23976
ADDED: (5D OHM CABLE ONLY) TO VSWR INSERTION LOSS AND RF LEAK SPECS. "GOLD PLATED INITIAL..." AND NICKEL PLATED INITIAL..." TO BRAID TO BODY. CHANGED: RF LEAK 2.5 GHZ WAS 2 TO 3 GHZ, RF HIGH POT 4 AND 7 MHZ WAS 5 MHZ DELETED: RG 188A/U, RG 179A/U, RG 179B/U AND RG 167A/U FROM CABLE ACCEPTABILITY	
6	3-31-93 R H I R 14-14-93 H K A A ECO 41744
CHANGED: ITEM 2 CONTACT WAS BRASS ADDED: CRIMP TOOL NOTE	
7	9-21-97 R H I R 4-14-93 H K A A ECO 44962

CUSTOMER DRAWING

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

"µSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN BY EJ	DATE 5-3-88	299 Johnson Ave. P.O. Box 1732 Waseca, MN 56093-0832	
DECIMALS .XX	CHECKED BY	DATE	TITLE JACK ASSEMBLY STRAIGHT CABLED SMB, RG 316	
XXX	APPROVED BY	DATE	CODE NO.	DRAWING NO. C - 131-3303-001/010
MATL	APPROVED BY	DATE	SCALE 10:1	U/W INCH SHEET 2 OF 2
FINISH	RELEASE DATE	10-27-89		