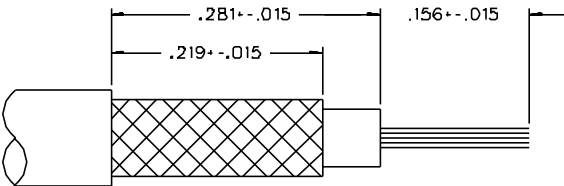
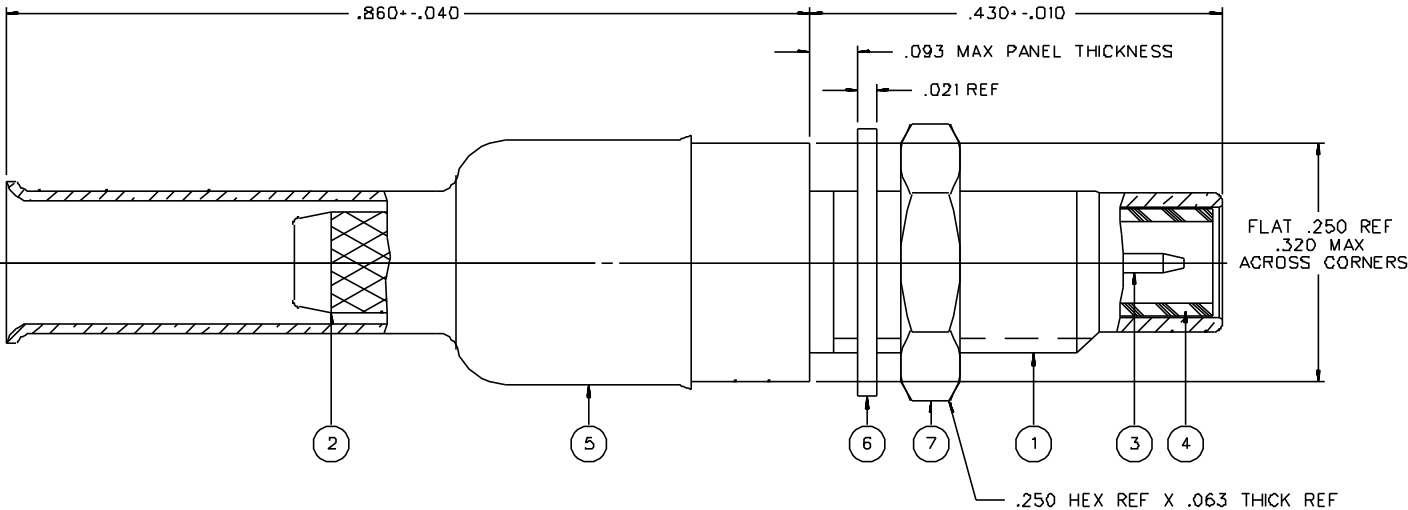
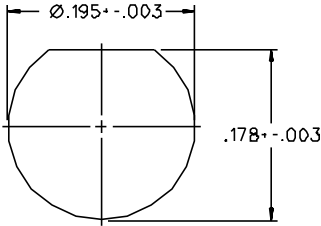


PART NUMBER	ITEM ① BODY - FRONT	ITEM ② BODY - REAR	ITEM ③ CONTACT	ITEM ④ INSULATOR	ITEM ⑤ CRIMP SLEEVE	ITEM ⑥ LOCK WASHER	ITEM ⑦ NUT
131-6303-401	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS 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	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
131-6303-406	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	PHOSPHOR BRONZE NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN



CABLE STRIP DIMENSIONS



MOUNTING HOLE

NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 50 OHMS
 FREQUENCY RANGE: 0-10 GHZ
 VSWR: 1.20 + .08 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 6 MILLIOHM MAX, AFTER ENVIRONMENTAL 8 MILLIOHM MAX
 OUTER CONDUCTOR - GOLD PLATED INITIAL 1 MILLIOHM MAX, AFTER ENVIRONMENTAL - NOT APPLICABLE
 NICKEL PLATED INITIAL 2.5 MILLIOHM MAX, AFTER ENVIRONMENTAL - NOT APPLICABLE
 BRAID TO BODY - INITIAL 1 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE
 CORONA LEVEL: 250 VOLTS MIN AT 70,000 FEET
 INSERTION LOSS: .25 DB MAX AT 4 GHZ
 RF LEAKAGE: -60 DB MIN AT 2.5 GHZ
 RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 700 VRMS AT 4 AND 7 MHZ

MECHANICAL:

ENGAGE/DISENGAGE FORCE: 16 OUNCE-INCH MAX TORQUE
 MATING TORQUE: 35-50 OUNCE INCH
 COUPLING PROOF TORQUE: 100 OUNCE-INCH MIN
 COUPLING NUT RETENTION: 35 LBS MIN
 CONTACT RETENTION: 4 LBS MIN AXIAL FORCE
 CABLE ACCEPTABILITY: RG188/U, RG188A/U, RG316/U, RG179A/U, RG179B/U, RG174/U, RG161/U, RG187/U, RG187A/U
 CABLE HEX CRIMP SIZE: .128
 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 C
 VIBRATION: ML-STD-202, METHOD 204, CONDITION D

DRAWING NO.			
C - 131-6303-401/410			
0	REVISIONS		
ENGINEERING RELEASE			
01	07-27-89	E L I R A	8-1-89 ECO 24080
CHANGED: RF LEAK 2.5 GHZ WAS 2 TO 3 GHZ RF HIGH POT 4 AND 7 MHZ WAS 5 MHZ			
* REVISION NUMBER FOLLOWED BY AN ALPHA *			
* CHARACTER INDICATES DRAWING CLASS *			
* CATION OR PART NUMBER ADDITION ONLY *			
1a	3-11-98	R H	ECN 44921
DELETED INTERFACE DETAIL PER MIL-C-39012			
1b	11-15-01	E L I R A	ECN 48089

CUSTOMER DRAWING

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

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY EJ	DATE 5-17-88	EMERSON Network Power	
DECIMALS .XX	mm	CHECKED BY	DATE	TITLE JACK ASSEMBLY STRAIGHT CABLED BULKHEAD SMC, RG 188	
.XXX		APPROVED BY LCS	DATE 7-27-89	CODE NO.	DRAWING NO. C - 131-6303-401/410
MATL		APPROVED BY RJB	DATE 7-27-89	SCALE 10:1	U/N INCH SHEET 2 OF 2
FINISH		RELEASE DATE	8-1-89		