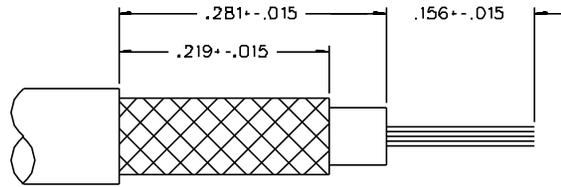
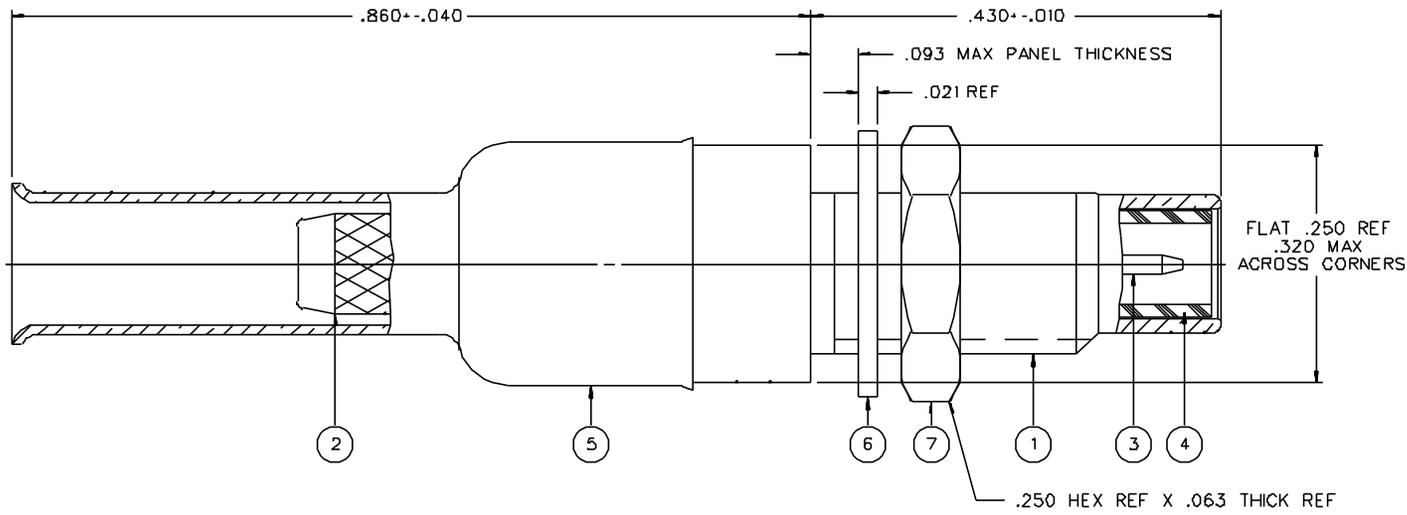
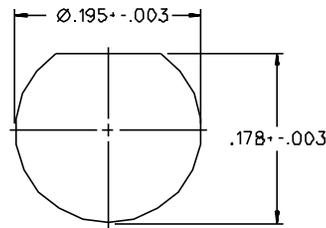


PART NUMBER	ITEM ① BODY - FRONT	ITEM ② BODY - REAR	ITEM ③ CONTACT	ITEM ④ INSULATOR	ITEM ⑤ CRIMP SLEEVE	ITEM ⑥ LOCK WASHER	ITEM ⑦ NUT
131-6303-401	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS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

DRAWING NO. C - 131-6303-401/410	
0 REVISIONS	
ENGINEERING RELEASE	
01 07-27-89	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	ECN 44921
DELETED INTERFACE DETAIL PER MIL-C-39012	
1b 11-15-01	ECN 480B9



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: .12B  
 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

CUSTOMER DRAWING

THIS DRAWING TO BE INTERPRETED PER ANS14.5M - 1982

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED	DRAWN BY EJ	DATE 5-17-88		
DECIMALS	CHECKED BY	DATE	299 Johnson Ave. P.O. Box 1732 Waseca, MN 56093-0832	
.XX	LCS	7-27-89	TITLE JACK ASSEMBLY STRAIGHT CABLED BULKHEAD SMC, RG 188	
.XXX	APPROVED BY	DATE	CODE NO.	DRAWING NO.
WALT	RJB	7-27-89		C - 131-6303-401/410
FINISH	RELEASE DATE	8-1-89	SCALE 10:1	U/N INCH SHEET 2 OF 2