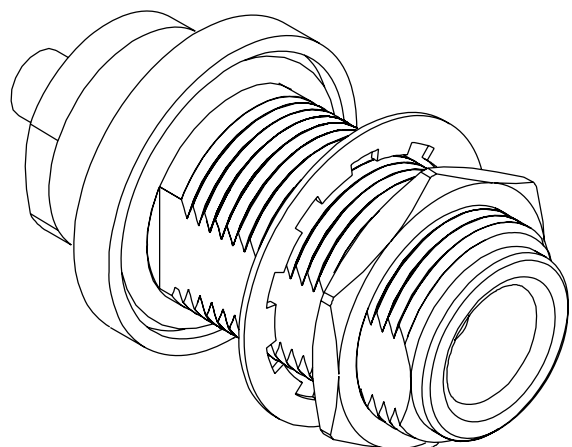
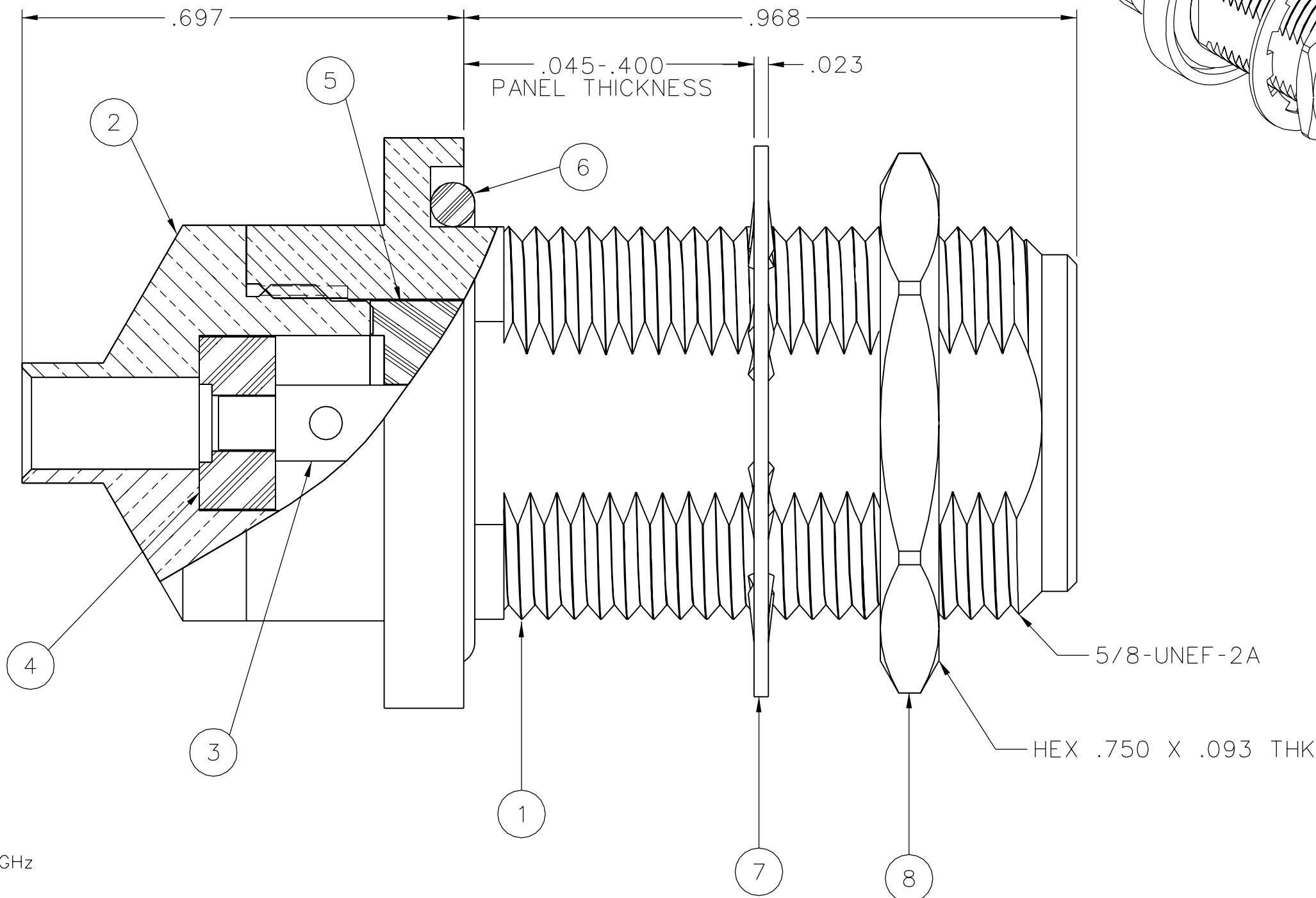
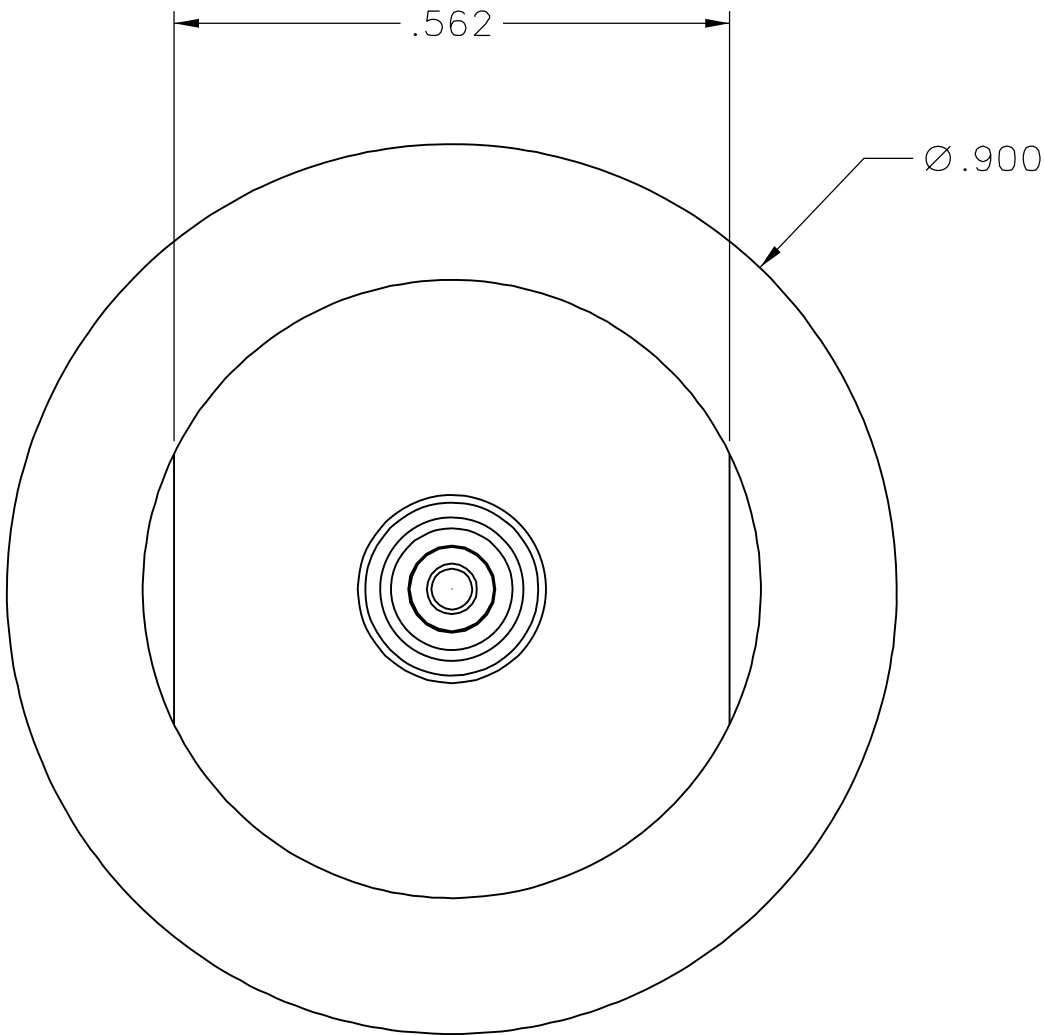


PART NUMBER	ITEM ① BODY	ITEM ② STEM	ITEM ③ CONTACT	ITEM ④ REAR INSULATOR	ITEM ⑤ FRONT INSULATOR	ITEM ⑥ O-RING	ITEM ⑦ LOCKWASHER	ITEM ⑧ MOUNTING NUT
138-4594-401	BRASS TRI-ALLOY PL .0001 MIN	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	TEFLON	SILICONE RUBBER	STEEL TRI-ALLOY .0001 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN



NOTES:

1. SPECIFICATIONS:

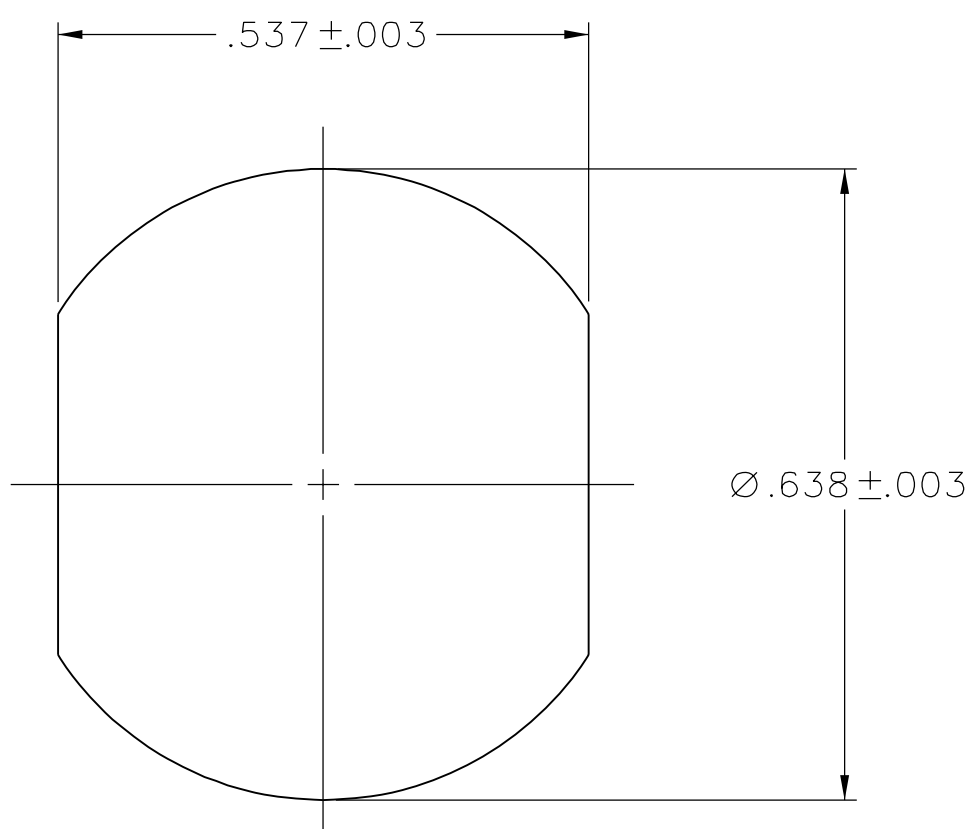
IMPEDANCE: 50 OHMS  
FREQUENCY RANGE: 0-18 GHz  
VSWR: 1.10+.02F (GHz) MAX AT 0-11 GHz, TYPICALLY < 1.50 AT 11-18 GHz  
WORKING VOLTAGE: 500 VRMS MAX AT SEA LEVEL  
DIELECTRIC WITHSTANDING VOLTAGE: 1500 VRMS MIN AT SEA LEVEL  
INSULATION RESISTANCE: 5000 MEGOHM MIN  
CONTACT RESISTANCE:  
    CENTER CONTACT - INITIAL 1.0 MILLIOHM MAX, AFTER ENVIRONMENTAL 1.5 MILLIOHM MAX  
    OUTER CONDUCTOR - INITIAL 0.2 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE  
CORONA LEVEL: 375 VOLTS MIN AT 70,000 FEET  
INSERTION LOSS: .05√F (GHz), TESTED AT 9 GHz  
RF LEAKAGE: -90 dB MIN AT 2 TO 3 GHz  
RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 1000 VRMS AT 4 AND 7 MHz  
THIRD ORDER INTERMODULATION PRODUCT (IMP3): TYPICALLY < -90 dBm  
(TESTED PER IEC GUIDELINES WITH 20W CW INPUTS AT 1930-1990 MHZ)

MECHANICAL:

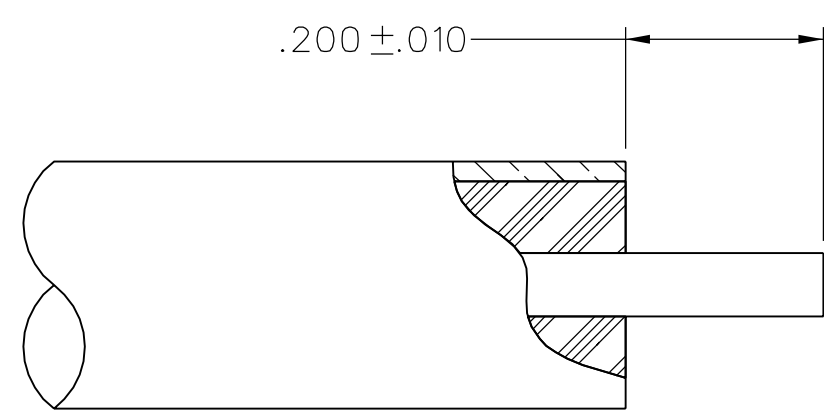
ENGAGE/DISENGAGE TORQUE: 6 IN-LBS MAX  
MATING TORQUE: 7-10 IN-LBS  
COUPLING PROOF TORQUE: NOT APPLICABLE  
COUPLING NUT RETENTION: NOT APPLICABLE  
CONTACT RETENTION: NOT APPLICABLE  
CABLE ACCEPTABILITY: RG402, .141 OD SEMIRIGID  
CABLE HEX CRIMP SIZE: NOT APPLICABLE  
CABLE RETENTION: 60 LBS MIN AXIAL FORCE  
    55 IN-OZ MIN TORQUE  
DURABILITY: 500 CYCLES MIN

ENVIRONMENTAL:

(MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-PRF-39012)  
THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B, EXCEPT 85°C HIGH TEMP  
OPERATING TEMPERATURE: -65°C TO 165°C  
CORROSION: MIL-STD-202, METHOD 101, CONDITION B  
SHOCK: MIL-STD-202, METHOD 213, CONDITION I  
VIBRATION: MIL-STD-202, METHOD 204, CONDITION B  
MOISTURE RESISTANCE: MIL-STD-202, METHOD 106




MOUNTING HOLE



CABLE STRIP DIMENSIONS

NOT TO SCALE

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY JRK		DATE 11-7-05		 <b>Connectivity Solutions</b> P.O. Box 1732 Waseca, MN 56093 1-800-247-8256	
DECIMALS .XX		mm		CHECKED BY PDW		DATE 4-11-06	
.XXX REF				APPROVED BY JRK		DATE 4-11-06	
MATL				RELEASE DATE 4-12-06		TITLE ASSEMBLY, TYPE N BULKHEAD JACK RG402 (.141) S/R	
FINISH				U/M INCH SCALE 5:1		SHEET 2 OF 2	
						DRAWING NO. C - 138-4594-401/410	

DRAWING NO.						
C - 138-4594-401/410						
0	REVISIONS					
ENGINEERING RELEASE						
1	12-21-05	P A T	J R K	P D W	M J U	4-12-06 ECN 50130
.045-.400 WAS .045-.125, DELETE BODY TO CABLE - 0.05 MILLIOHM MAX. ***** * REVISION NUMBER FOLLOWED BY AN ALPHA * * CHARACTER INDICATES DRAWING CLARIFI- * * CATION OR PART NUMBER ADDITION ONLY. * *****						
1a	9-15-06	P A T	J R K	P D W		9-21-06 ECN 50629
LOCKWASHER TRI-ALLOY WAS ZINC ***** * REVISION NUMBER FOLLOWED BY AN ALPHA * * CHARACTER INDICATES DRAWING CLARIFI- * * CATION OR PART NUMBER ADDITION ONLY. * *****						
1b	2-8-07	P A T	J R K	P D W	M J U	2-15-07 ECN 50940

CUSTOMER DRAWING

THIS DRAWING TO BE INTERPRETED  
PER ASME Y 14.5M - 1994

"μSTATION"

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