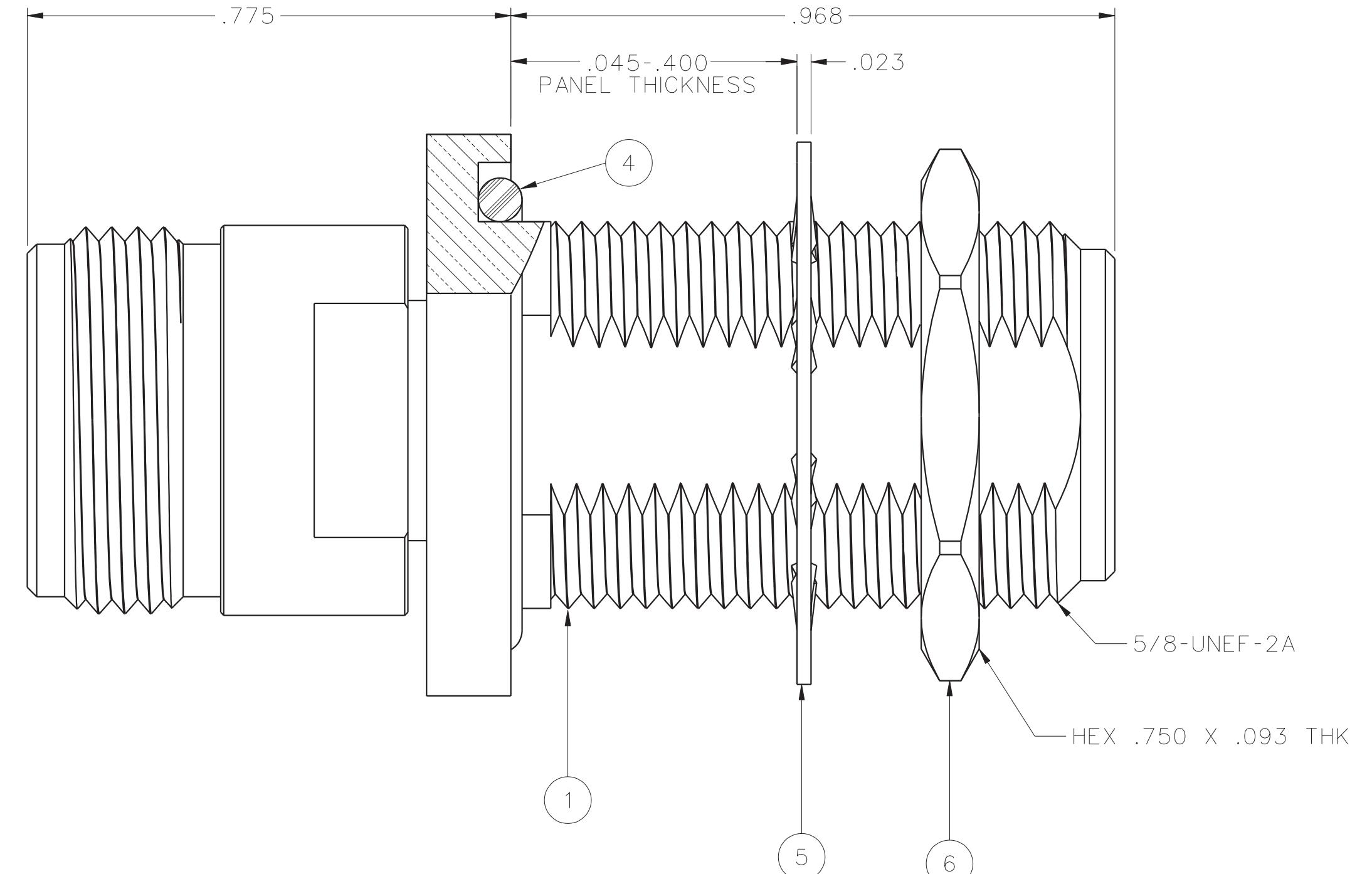
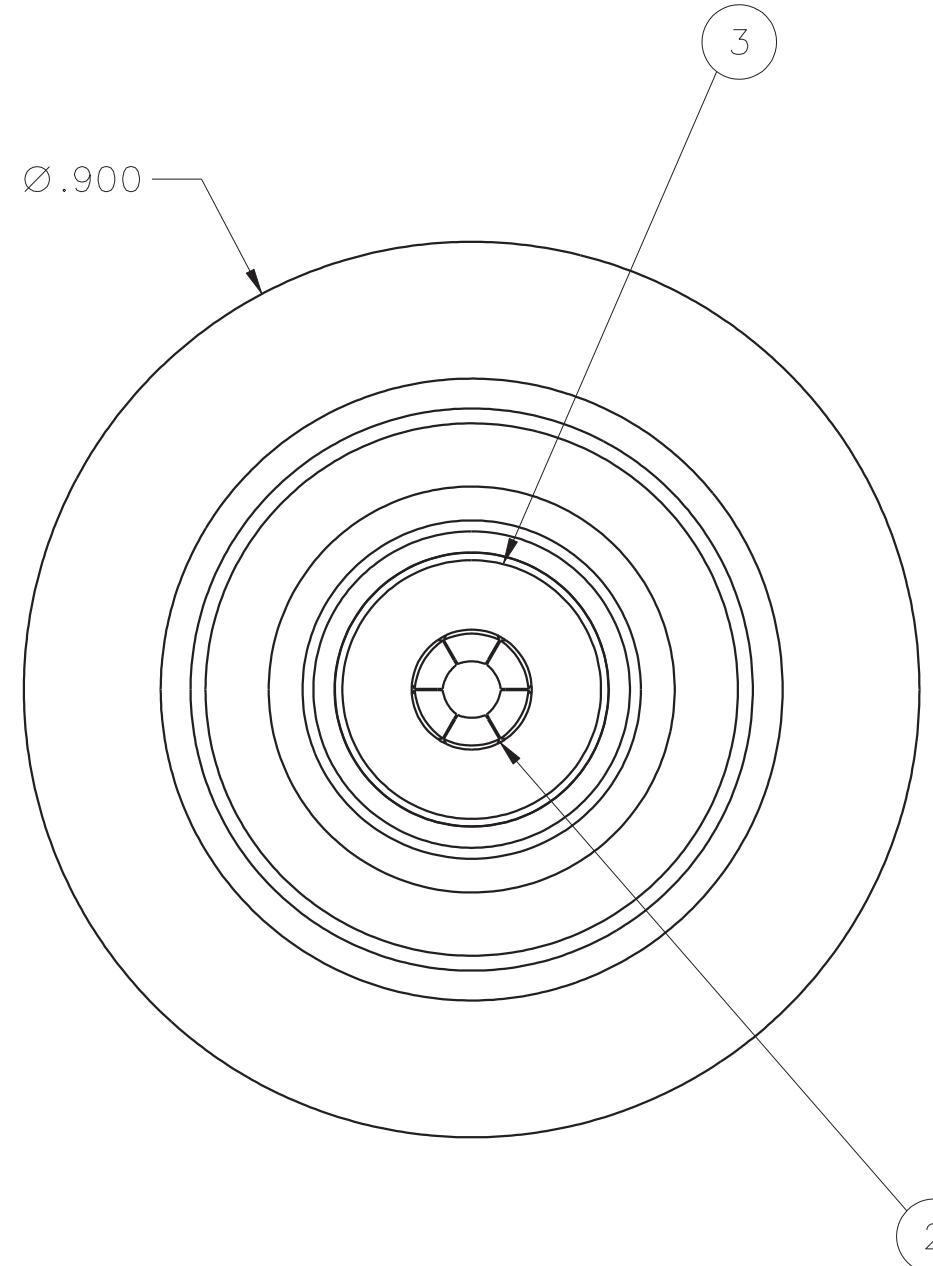


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ SUPPORT BEAD	ITEM ④ O-RING	ITEM ⑤ LOCKWASHER	ITEM ⑥ MOUNTING NUT		DRAWING NO. C - 138-4901-401/410
	138-4901-406	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON DIELECTRIC BRASS HOUSING NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	SILICONE RUBBER	STEEL TRI-ALLOY .0001 MIN		DRAWING NO. C - 138-4901-401/410
138-4901-407	BRASS TRI-ALLOY PL .0001 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON DIELECTRIC BRASS HOUSING NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	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: 1.05+.01F (GHz) MAX AT 0-18 GHz
WORKING VOLTAGE: 1000 VRMS MAX AT SEA LEVEL
DIELECTRIC WITHSTANDING VOLTAGE: 2500 VRMS MIN AT SEA LEVEL
INSULATION RESISTANCE: 5000 MEGOHM MIN

CONTACT RESISTANCE:

CENTER CONTACT - INITIAL 1.5 MILLIOHM MAX, AFTER
ENVIRONMENTAL 2.0 MILLIOHM MAX
OUTER CONDUCTOR - INITIAL 0.2 MILLIOHM MAX, AFTER
ENVIRONMENTAL NOT APPLICABLE

CORONA LEVEL: 500 VOLTS MIN AT 70,000 FEET

INSERTION LOSS: .05 \sqrt{F} (GHz) dB MAX, TESTED AT 9 GHz

RF LEAKAGE: -90 dB MIN AT 2 TO 3 GHz

RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 1500 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: 6 LBS MIN AXIAL FORCE

DURABILITY: 500 CYCLES MIN

ENVIRONMENTAL:

(MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-PRF-55339)
THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION C,
EXCEPT 85°C HIGH TEMP

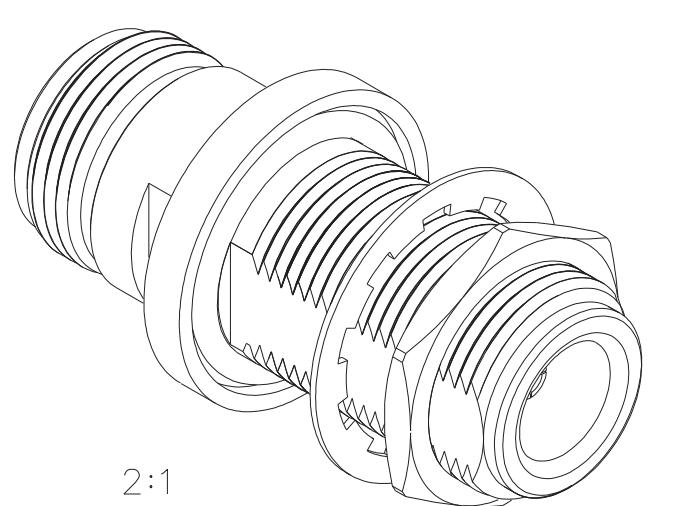
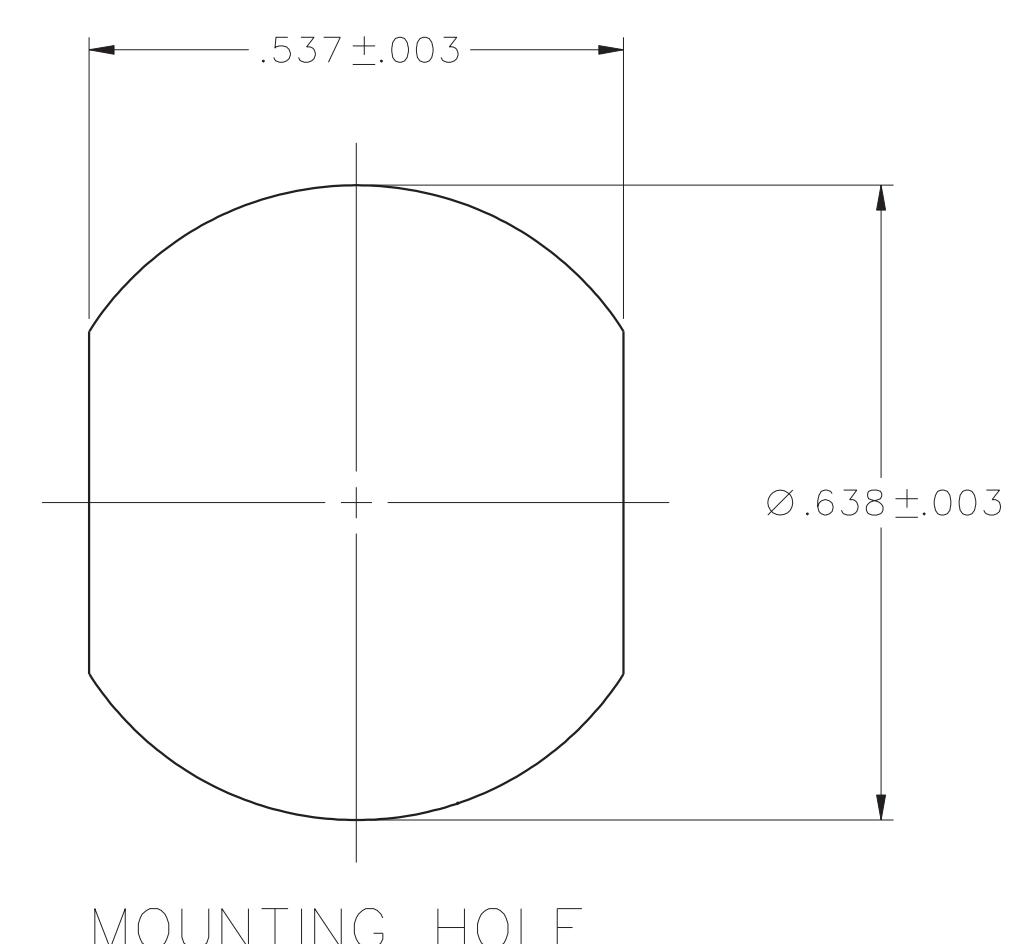
OPERATING TEMPERATURE: -65°C TO 165°C

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



TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY JRK	DATE 1-30-06
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	
FINISH _____		U/M	INCH
		SCALE	5:1
		DRAWING NO. C - 138-4901-401/410	

cinch
CONNECTIVITY SOLUTIONS
P.O. Box 1732
Waseca, MN 56093
1-800-247-8256

TITLE
ASSEMBLY, ADAPTER, TYPE N
JACK TO BULKHEAD JACK

SHEET
2 OF 2

DRAWING NO.
C - 138-4901-401/410

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

"μ STATION"

COMPANY CONFIDENTIAL