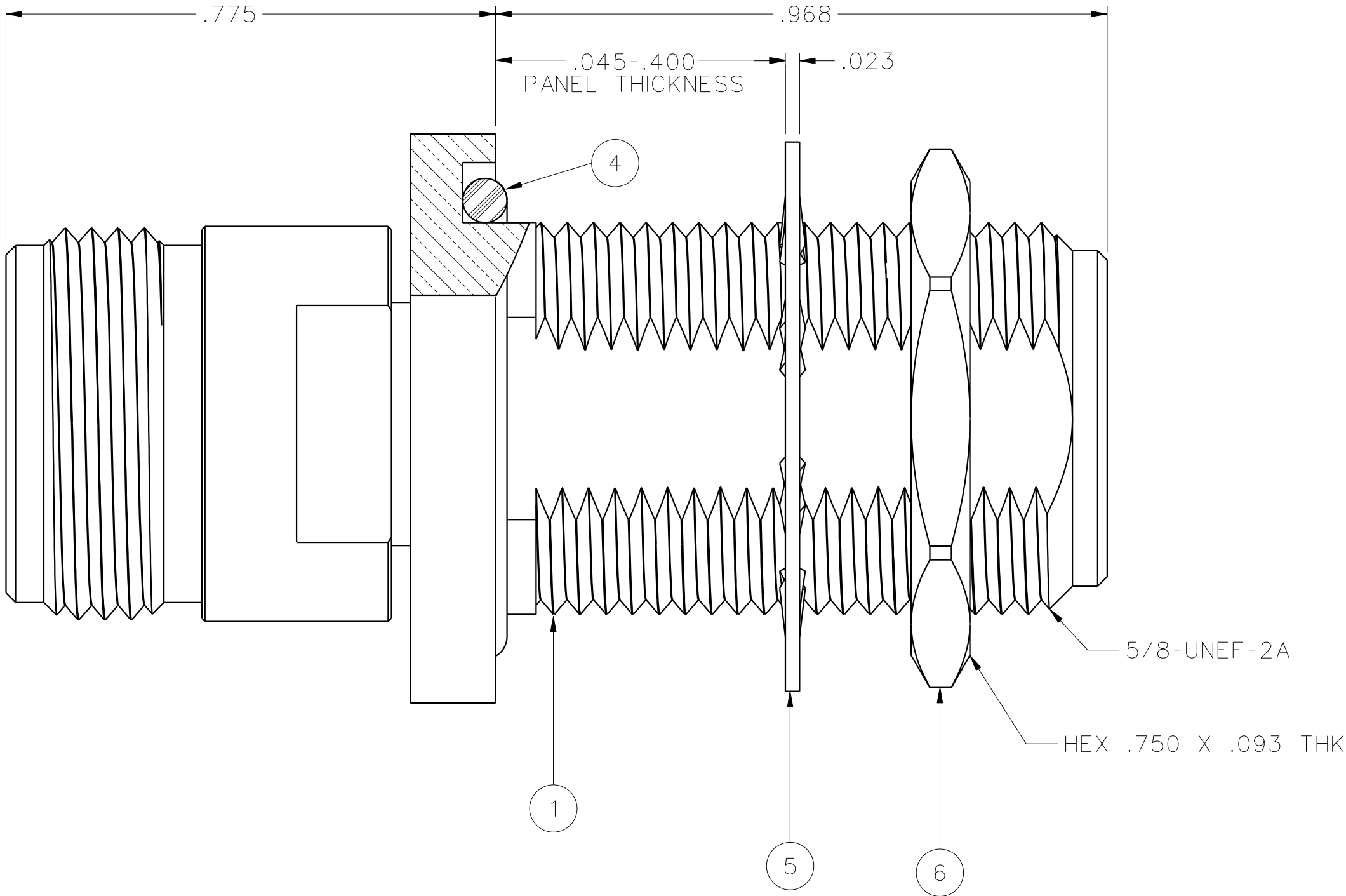
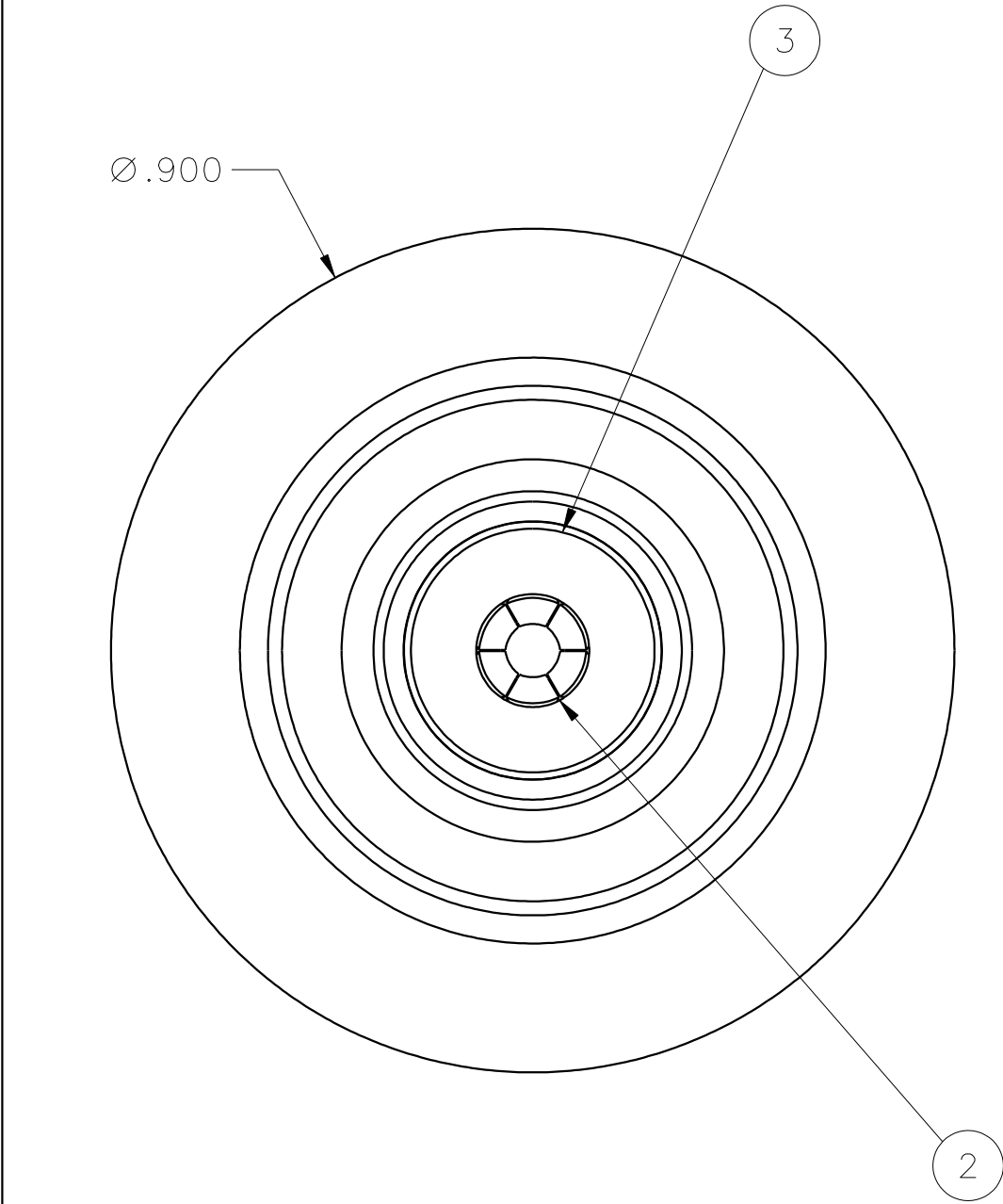


PART NUMBER	ITEM ① BODY	ITEM ② CONTACT	ITEM ③ SUPPORT BEAD	ITEM ④ O-RING	ITEM ⑤ LOCKWASHER	ITEM ⑥ MOUNTING NUT
138-4901-406	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON DIELECTRIC BRASS HOUSING NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	SILICONE RUBBER	STEEL TRI-ALLOY .0001 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN
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:

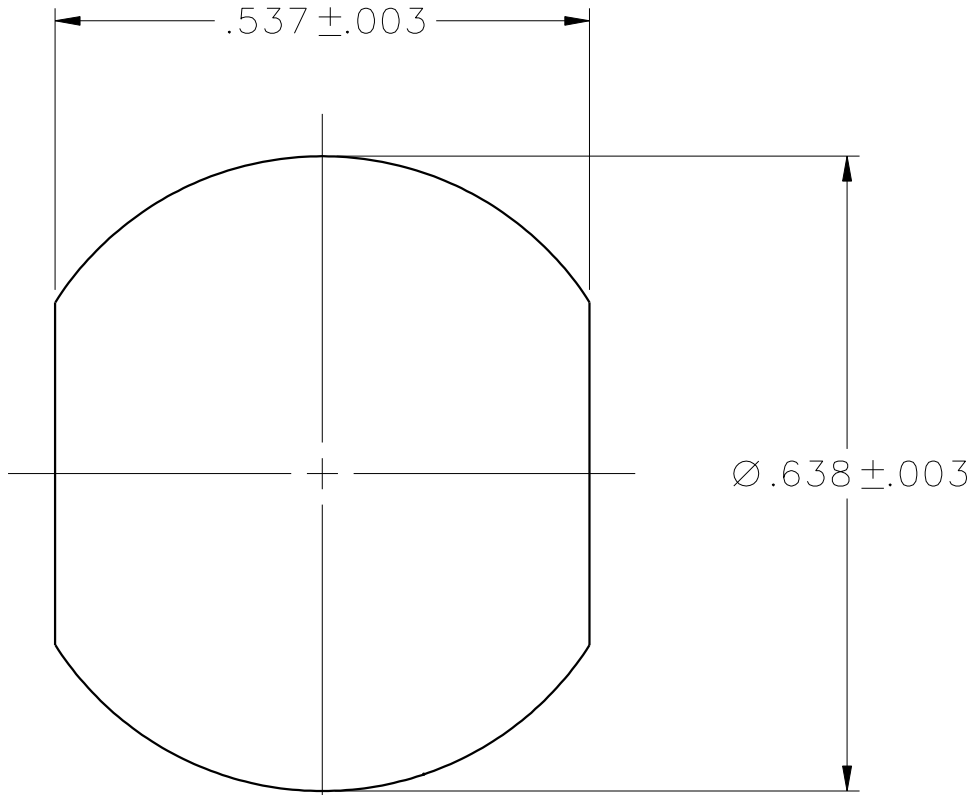
IMPEDANCE: 50 OHMS
FREQUENCY RANGE: 0-18 GHz
VSWR: 1.05+.01F (GHz) MAX AT 0-18 GHz
WORKING VOLTAGE: 1000 VRMS MAX AT SEA LEVEL
DIELECTRIC WITHSTANDING VOLTAGE: 2500 VRMS MIN AT SEA LEVEL
INSULATION RESISTANCE: 5000 MEGOHM MIN
CONTACT RESISTANCE:
 CENTER CONTACT - INITIAL 1.5 MILLIOHM MAX, AFTER ENVIRONMENTAL 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 √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:

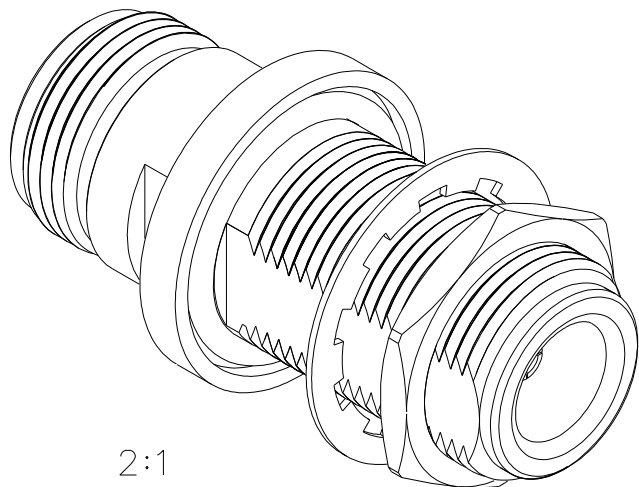
ENGAGE/DISENGAGE TORQUE: 6 IN-LBS MAX
MATING TORQUE: 7-10 IN-LBS
COUPLING PROOF TORQUE: NOT APPLICABLE
COUPLING NUT RETENTION: NOT APPLICABLE
CONTACT RETENTION: 6 LBS MIN AXIAL FORCE
DURABILITY: 500 CYCLES MIN


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



MOUNTING HOLE



TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY		DATE		 Connectivity Solutions	
DECIMALS	mm	JRK		1-30-06			
.XX	_____	CHECKED BY		DATE		TITLE	
.XXX	REF	PDW		4-11-06			
MATL		APPROVED BY		DATE		ASSEMBLY, ADAPTER, TYPE N JACK TO BULKHEAD JACK	
		JRK		4-11-06			
FINISH		RELEASE DATE		4-12-06		SHEET	DRAWING NO.
		U/M	INCH	SCALE	5:1		

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

0 REVISIONS

ENGINEERING RELEASE

1	2-1-06	P A T	J R K	P D W	M J U	4-12-06 ECN 50237
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0.45-.400 WAS .045-.125

* 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	M J U	9-21-06 ECN 50626
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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 50943
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VERSION UPDATE

* REVISION NUMBER FOLLOWED BY AN ALPHA *
* CHARACTER INDICATES DRAWING CLARIFI- *
* CATION OR PART NUMBER ADDITION ONLY. *

1c	2-15-10	C W W	S D J	J R K	M J U	2-15-10 ECO 52127
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CUSTOMER DRAWING

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

"μ STATION"

COMPANY CONFIDENTIAL

EMERSON
Network Power
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