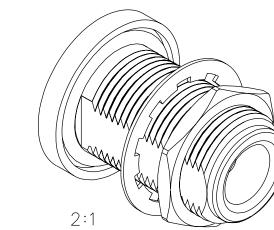
	ITEM 1	ITEM 2	ITEM 3	ITEM 4	ITEM (5)	ITEM 6
PART NUMBER	BODY	CONTACT	FRONT INSULATOR	O-RING	LOCKWASHER	MOUNTING NUT
138-4701-406	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	SILICONE RUBBER	STEEL TRI-ALLOY .0001 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN
138-4701-407	BRASS TRI-ALLOY PL .0001 MIN	BERYLLIUM COPPER GOLD PL .00005 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	SILICONE RUBBER	STEEL TRI-ALLOY .0001 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN



### 1a | 9-15-06 | A | F LOCKWASHER TRI-ALLOY WAS ZINC \*\*\*\*\*\*\*\*\*\*\*\* \* REVISION NUMBER FOLLOWED BY AN ALPHA ? CHARACTER INDICATES DRAWING CLARIFI-\* CATION OR PART NUMBER ADDITION ONLY.

) - 138 - 4701 - 401/410

ENGINEERING RELEASE 1 | 2-27-06 | A | R | D |

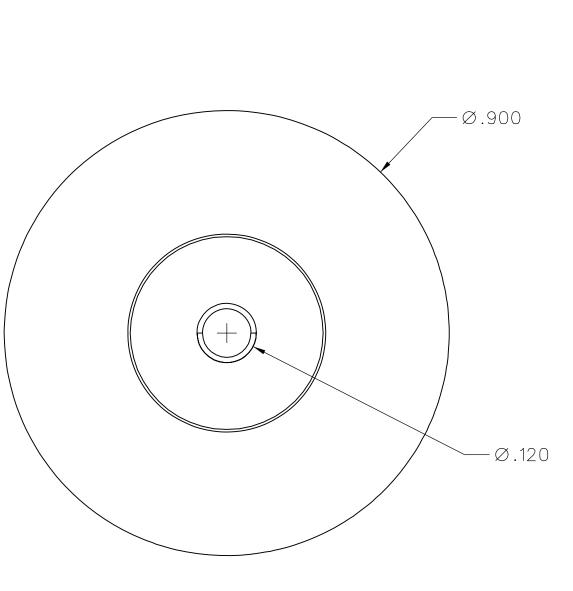
REVISIONS

.045-.400 WAS .045-.125 REVISION NUMBER FOLLOWED BY AN ALPHA CHARACTER INDICATES DRAWING CLARIFI-\* CATION OR PART NUMBER ADDITION ONLY.

ECN 5<u>0310</u>

DRAWING NO.

1b | 2-8-07 | A | R



## 1. SPECIFICATIONS:

NOTES:

IMPEDANCE: 50 OHMS FREQUENCY RANGE: 0-11 GHz VSWR: NOT APPLICABLE 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 1.0 MILLIOHM MAX, AFTER ENVIRONMENTAL 1.5 MILLIOHM MAX OUTER CONDUCTOR - INITIAL 0.2 MILLIOHM MAX, AFTER ENVIRONMENTAL NOT APPLICABLE

CORONA LEVEL: 500 VOLTS MIN AT 70,000 FEET INSERTION LOSS: NOT APPLICABLE RF LEAKAGE: NOT APPLICABLE 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:

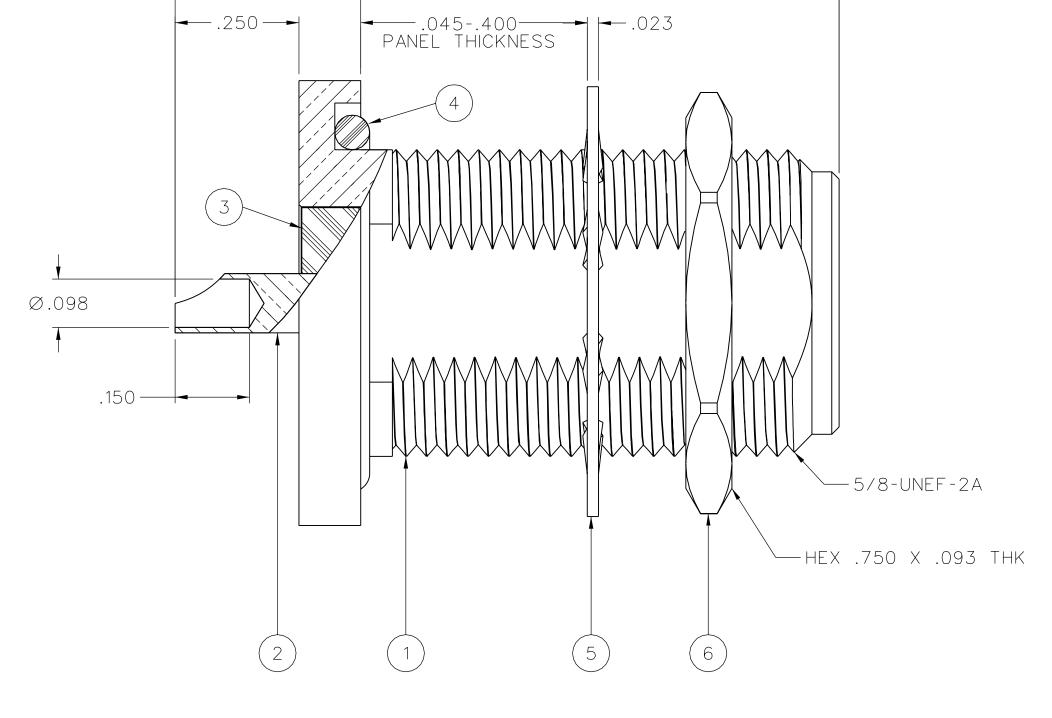
ENGAGE/DISENGAGE TORQUE: 6 IN-LBS MAX MATING TORQUE: 7-10 IN-LBS COUPLING PROOF TORQUE: NOT APPLICABLE COUPLING NUT RETENTION: NOT APPLICABLE CONTACT RETENTION: 6 LBS MIN AXIAL FORCE 4 INCH-OUNCE MIN TORQUE

DURABILITY: 500 CYCLES MIN

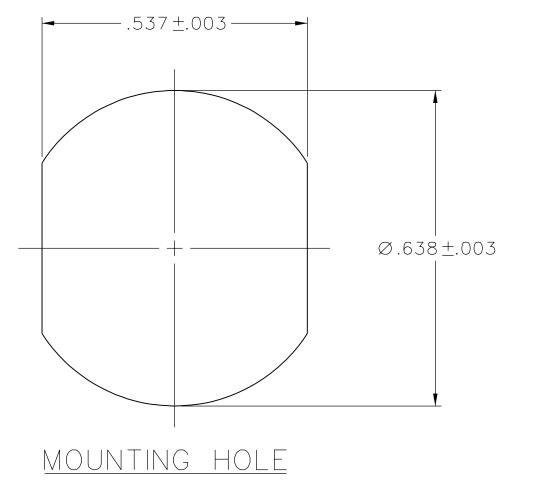
#### ENVIRONMENTAL:

(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



- 1.343 -



# CUSTOMER DRAWING

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

"μSTATION"

## COMPANY CONFIDENTIAL

TOLERANCE		DRAWN BY	DAIL	
OTHERWISE S	PECIFIED	JRK	3-24-06	
DECIMALS .XX ———	mm	CHECKED BY	DATE	E
.XXX REF		PDW	5-22-06	TITLE
MATL		APPROVED BY JRK/MJU	DATE 5-22-06	
				ĺ

U/M

FINISH

RELEASE DATE 5-23-06

inch | scale

5:1

**EMERSON Network Power** 

Connectivity Solutions P.O. Box 1732 Waseca, MN 56093 1-800-247-8256

ASSEMBLY, TYPE N, REAR MOUNT BULKHEAD JACK

DRAWING NO. SHEET

- 138 - 4701 - 401/410 2 OF 2