

NOTES:

1. MATERIALS AND FINISHES:

BODY, INNER BODY,
 HEX NUT & LOCKWASHER - BRASS, TIN-NICKEL ALLOY PLATING
 CONTACT - BeCu, GOLD PLATING
 BULLET CONTACT - BRASS, GOLD PLATING
 INSULATOR & INSULATOR DISC - PTFE, NATURAL
 FERRULE - COPPER, TIN-NICKEL ALLOY PLATING
 GASKET & O-RING - SILICONE RUBBER, RED
 HEAT SHRINK TUBING - CROSSLINKED POLYOLEFIN, BLACK

2. ELECTRICAL:

A. IMPEDANCE: 50 OHM
 B. FREQUENCY RANGE: DC - 6 GHz
 C. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.

3. MECHANICAL:

A. DURABILITY: 500 CYCLES MIN.
 B. TEMPERATURE RANGE: -55°C TO +85°C
 C. SALT SPRAY PER MIL-STD-202, METHOD 101, WITH FOLLOWING PARAMETERS:
 1) TEST CONDITION B
 2) 5% SALT SOLUTION
 3) CYCLE REPEATED TO 720 HOURS

4. PACKAGING:

A. QUANTITY: SINGLE PACK
 B. MARKING: PACKAGING TO BE MARKED
 "AMPHENOL RF, 82-6512-EE AND DATE CODE"

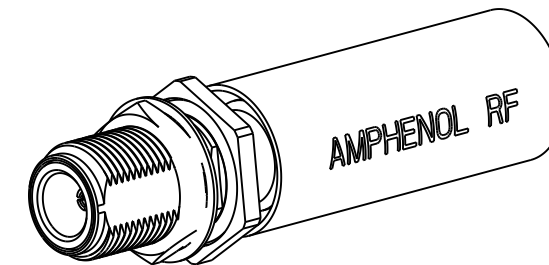
5. CABLE ASSEMBLY INSTRUCTIONS:

- A. TRIM CABLE AS SHOWN.
- B. SLIDE HEAT SHRINK TUBING, FERRULE AND INSULATOR DISC ONTO CABLE.
- C. SOLDER CABLE CENTER CONDUCTOR TO BULLET CONTACT.
- D. INSERT CABLE WITH FOIL ENTERING CONNECTOR AND BRAID OVER KNURL.
- E. CRIMP FERRULE OVER BRAID WITH 0.429" HEX DIE.
- F. APPLY HEAT SHRINK TUBING OVER FERRULE.
- G. HEAT SHRINK TUBING SHOULD FULLY (360 DEG) COVER THE BUMP ON BODY AND END WITHIN AREA "A"

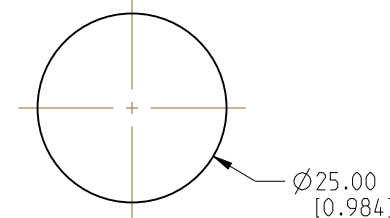
6. RECOMMENDED TORQUE APPLIED ON HEX NUT : 7-10 IN-LBS.

7. SHOW CABLE ENTRY DIMENSIONS.

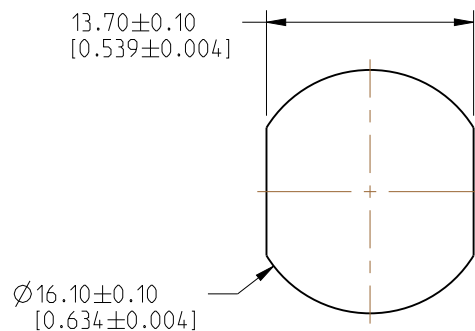
REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	16-SEP-22	16394	SG
B	NO CHANGES TO THIS SHEET	28-OCT-22	16448	SH



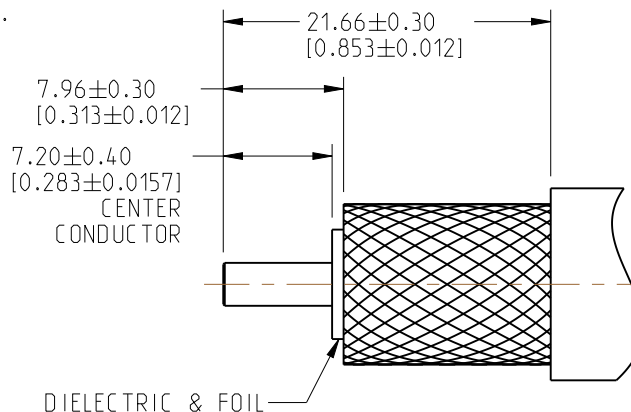
SCALE 1.000



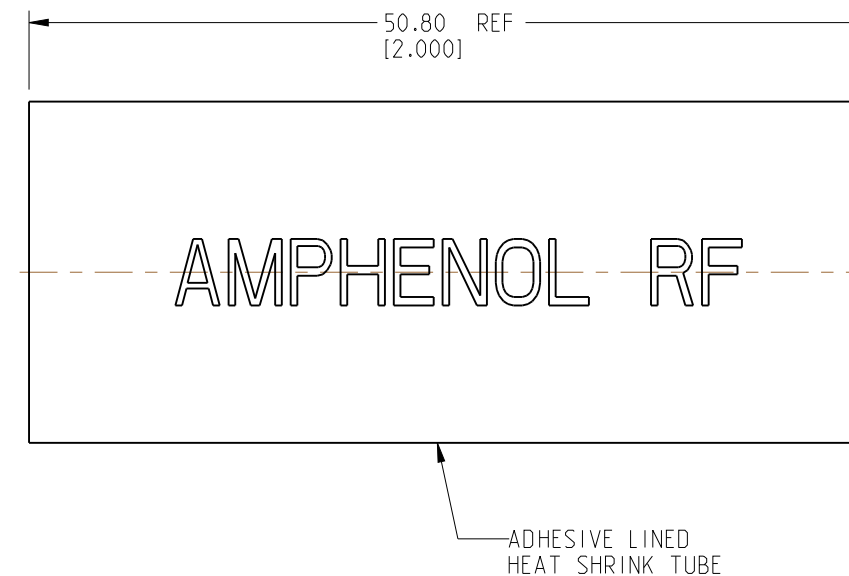
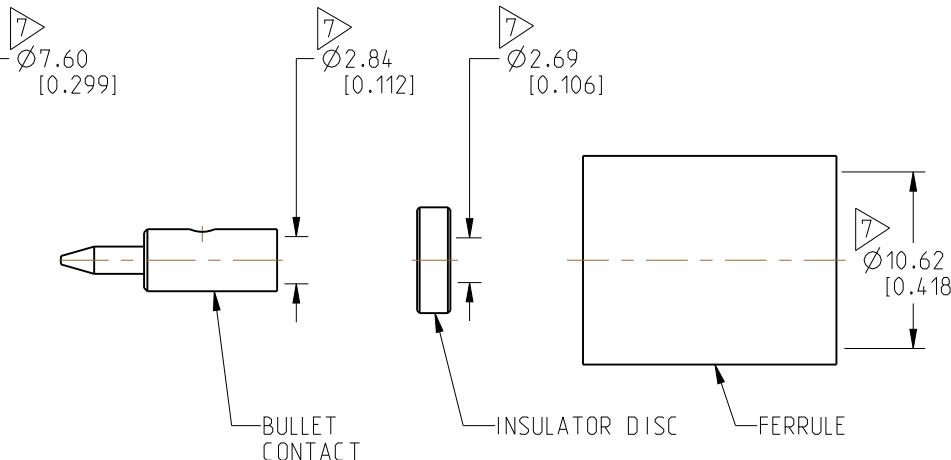
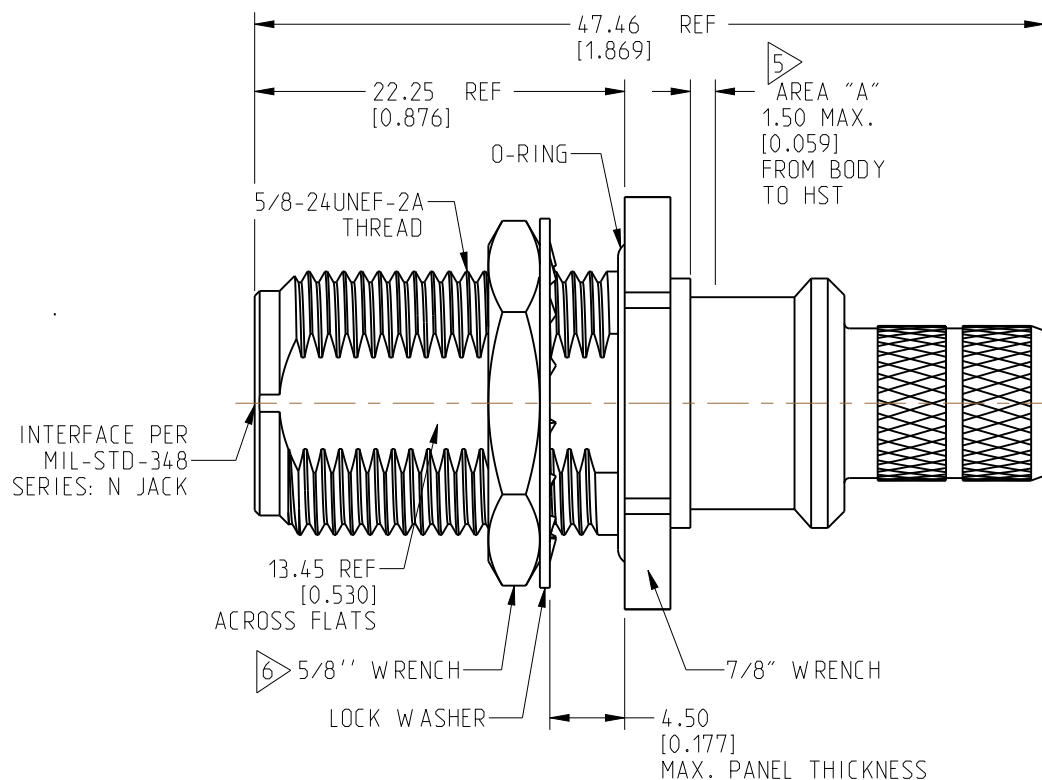
MIN PASS THRU DIAMETER



RECOMMENDED MOUNTING HOLE DIMENSIONS



RECOMMENDED CABLE STRIPPING DIMENSIONS



CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE METRIC (INCHES) AND TOLERANCES ARE:
 <0.5mm = ±0.05mm [-0.020 = ±0.002]
 0.5 - 6mm = ±0.1mm [-0.020 - 0.236 = ±0.004]
 >6.00 - 30mm = ±0.2mm [-0.236 - 1.181 = ±0.008]
 >30.00 - 120mm = ±0.3mm [-1.181 - 4.725 = ±0.012]

MATERIAL: SEE NOTES
 ENGR.1: SIVA
 ENGR.2: M.ZHANG
 DATE: 27-JUN-22

TITLE: N STR BHD JACK IP 67 FOR LMR 400 CABLE EXTREME EXPOSURE
 SHEET NO. 2 OF 2
 SCALE: 2.2:1.0

SIZE: B	DRAWING NO. 82-6512-EE	REV: B
	ITEM NO. 82-6512-EE	
	PART NO. 82-6512-EE	

THIRD ANGLE PROJ.

REFERENCE: 82-6512
 EAR#: 11374

ANGLES = ±1°