NOTES:

1. MATERIALS AND FINISHES:
   - BODY - BRASS, NICKEL PLATING
   - CONTACT - BeCu & BRASS, GOLD PLATING
   - INSULATORS - PTFE
   - HEX NUT - BRASS, NICKEL PLATING
   - LOCK WASHER - BRASS, NICKEL PLATING
   - O-RING - SILICONE RUBBER
   - FERRULE - BRASS, NICKEL PLATING
   - HEAT SHRINK TUBING - CROSSLINKED POLYOLEFIN

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

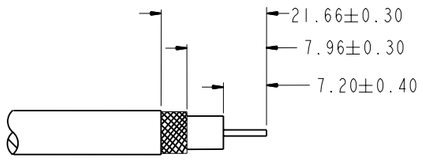
3. MECHANICAL:
   - A. DURABILITY: 500 CYCLES MIN.
   - B. TEMPERATURE RANGE: -55° C TO +85° C

4. PACKAGING:
   - A. QUANTITY: SINGLE PACK
   - B. MARKING: BAG TO BE MARKED "AMPHENOLRF, 82-6512, AND DATE CODE"

5. RECOMMENDED 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 CONTACT.
   - D. INSERT CABLE WITH FOIL ENTERING CONNECTOR AND BRAID OVER KNURL.
   - E. CRIMP FERRULE OVER BRAID WITH 0.532" HEX DIE
   - F. APPLY HEAT SHRINK TUBING OVER FERRULE.

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

7. SHOWS CABLE ENTRY DIMENSIONS.

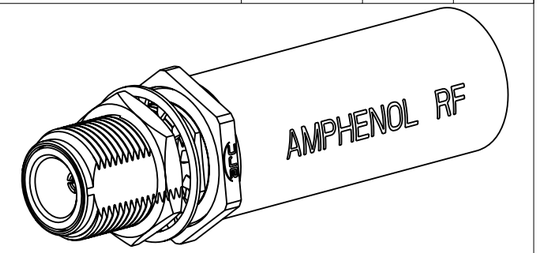


RECOMMENDED CABLE STRIPPING

THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	05-Feb-13	49027	DD
B	ADD ARC LOGO TO BODY AND AMPHENOL RF TO HST \RD-DMI3082201J8	30-Aug-13	49619	RLB



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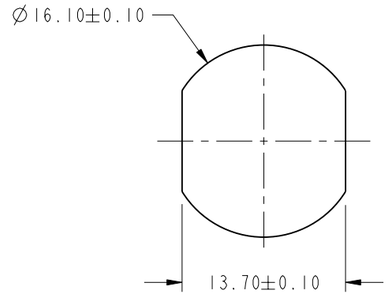
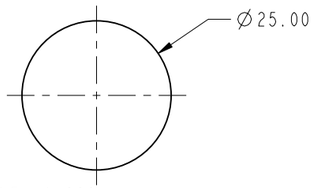
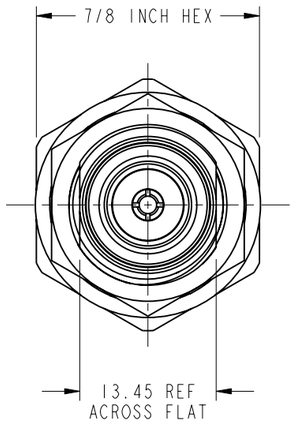


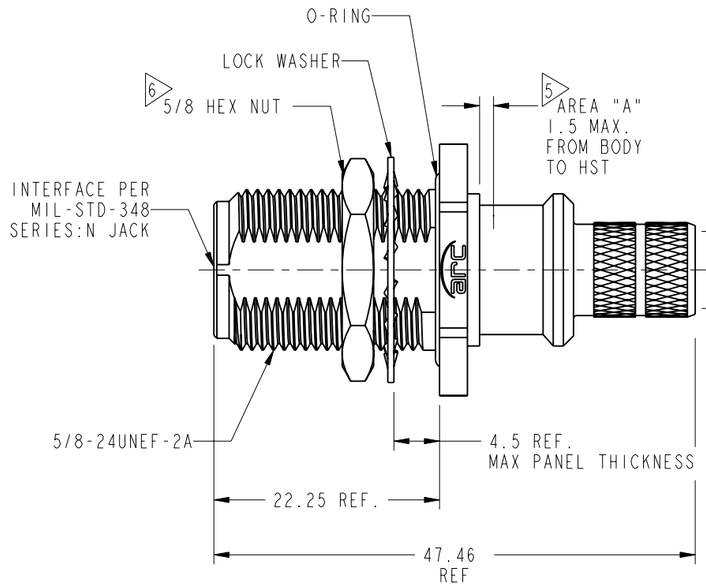
RECOMMENDED MOUNTING HOLE DIMENSIONS

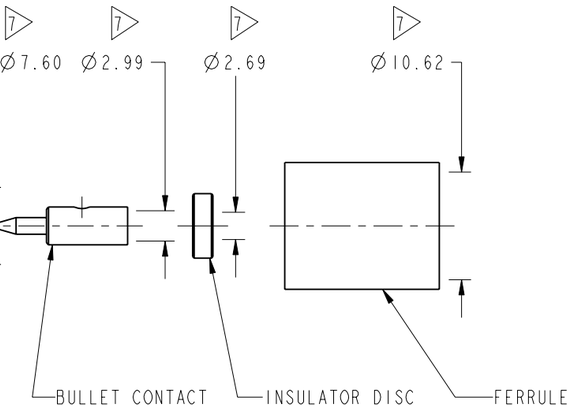


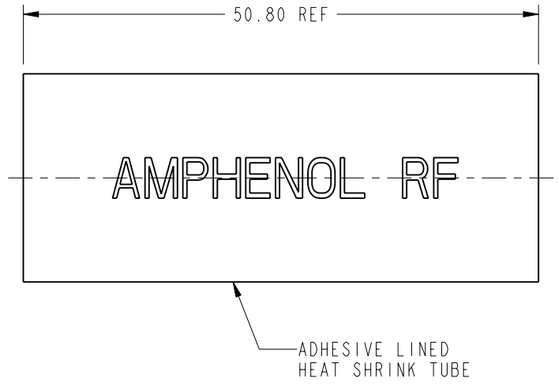
SCALE 1.000

MIN PASS THRU DIAMETER









CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:

<0.5mm	0.5 - 6mm	6 - 30mm	30 - 120mm	ANGLES
± 0.05mm	±0.1mm	±0.2mm	± 0.3mm	±1°

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MATERIAL: SEE NOTES	DRAWN J.CHEN	DATE 30-Aug-13	TITLE: N,JACK STR BHD IP-67 FOR LMR-400 CABLE
	ENGINEER D.DAVE	DATE 12-Sept-11	
REFERENCE	APPROVED S.HSIEH	DATE 05-Sep-13	SCALE: 1.7:1.0 SHEET 2 OF 2
CONFIGURATION LEVEL: □□□	CAD FILE I:\N\82-6512		DWG SIZE B / REV B
FINISH			

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www.amphenolrf.com

DRAWING NO. 82-6512
ITEM NO. 82-6512
PART NO. 82-6512