

1. MATERIALS AND FINISHES:

BODY	- BRASS, NICKEL PLATING
CONTACT	- BeCu, 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

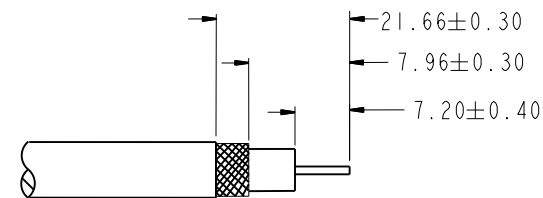
4. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOLRF, 82-6450, AND DATE CODE"

5 ▷ RECOMMENDED CABLE ASSEMBLY INSTRUCTIONS:

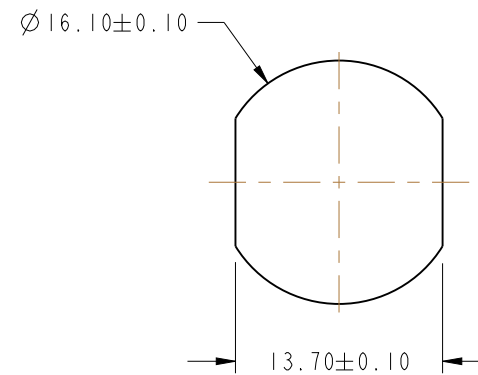
- A. TRIM CABLE AS SHOWN.
- B. SLIDE HEAT SHRINK TUBING, FERRULE AND INSULATOR DISC ONTO CABLE.
- C. SOLDER CABLE CENTER CONDUCTOR TO CONTACT.
- D. INSERT CABLE WITH FOIL ENTERING CONNECTOR AND BRAID OVER KNURL.
- E. CRIMP FERRULE OVER BRAID WITH 0.532" HEX DIE
- F. APPLY HEAT SHRINK TUBING OVER FERRULE.

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

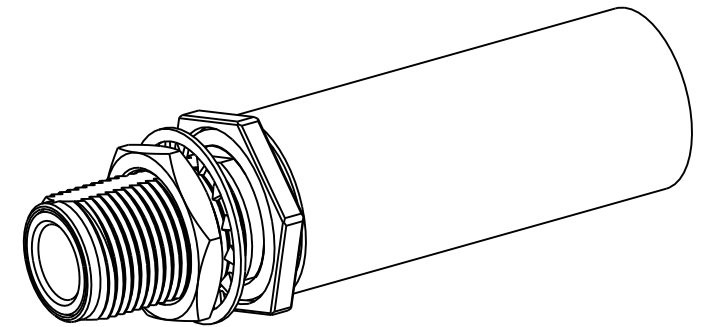
7 SHOWS CABLE ENTRY DIMENSIONS.



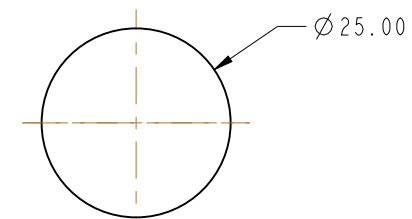
RECOMMENDED CABLE STRIPPING



RECOMMENDED MOUNTING HOLE DIMENSIONS

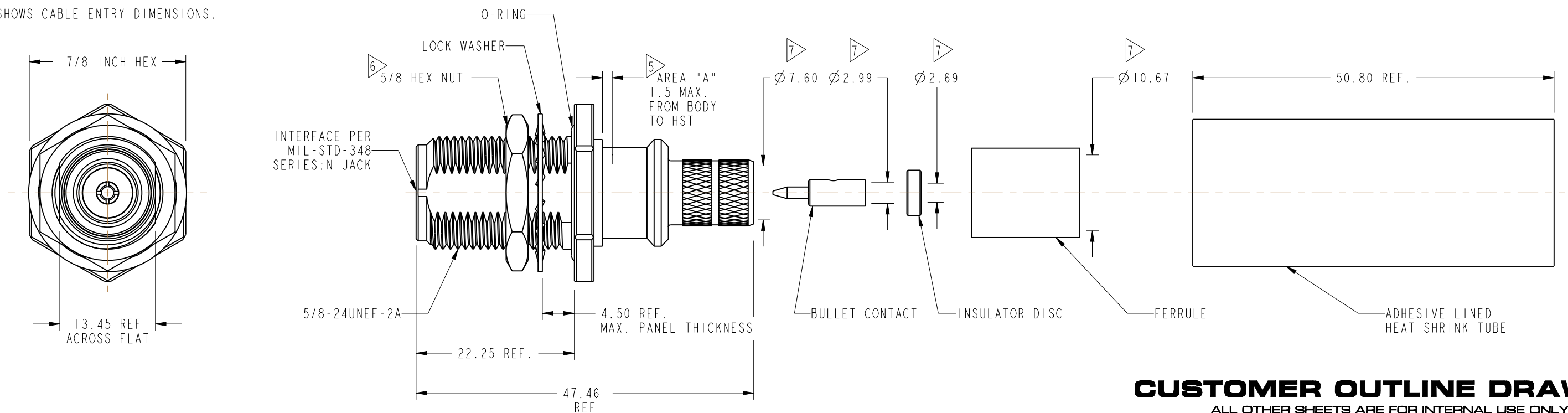


SCALE 1.200



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°	MATERIAL SEE NOTES REFERENCE CONFIGURATION LEVEL: ☐ ☐ ☐ FINISH	DRAWN D.DAVE	DATE 12-Sept-11	TITLE N, JACK STR BHD FOR LMR-400 CABLE	Amphenol RF Danbury CT USA, Tainan, Taiwan, Shenzhen, China www.amphenolrf.com		
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		APPROVED	DATE			SCALE: 1:1.7:1.0	SHEET 2 OF 2
		CAD FILE I:\N\82-6512	DWG SIZE B			REV A	
		DRAWING NO. 82-6512					
				ITEM NO. 82-6512			
				PART NO. 82-6512			