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 0.429" HEX DIE
   - F. APPLY HEAT SHRINK TUBING OVER FERRULE.

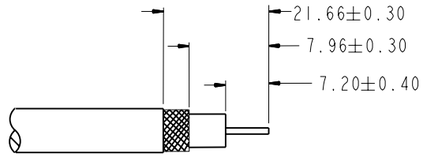
6. RECOMMENDED TORQUE APPLIED ON HEX NUT : 7-10 IN-LBS

7. SHOWS CABLE ENTRY DIMENSIONS.

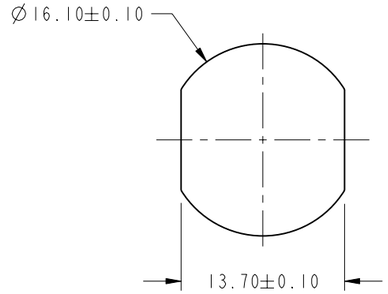
THIRD ANGLE PROJ.

REVISIONS

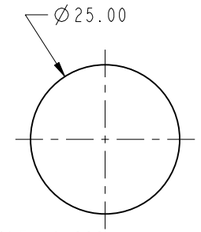
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	05-Feb-13	49027	DD
B	ADD ARC LOGO TO BODY AND AMPHENOL RF TO HST \RD-DMI3082201J8	30-Aug-13	49619	RLB
C	MODIFIED CONTACT\RD-DMI408260IM3	30-Sep-14		SH
D	CRIMP WAS 0.532"	12-Feb-15	50404	JN



RECOMMENDED CABLE STRIPPING

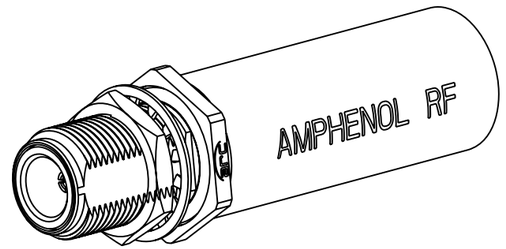


RECOMMENDED MOUNTING HOLE DIMENSIONS



SCALE 1.000

MIN PASS THRU DIAMETER



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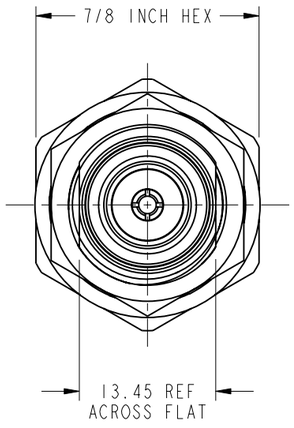

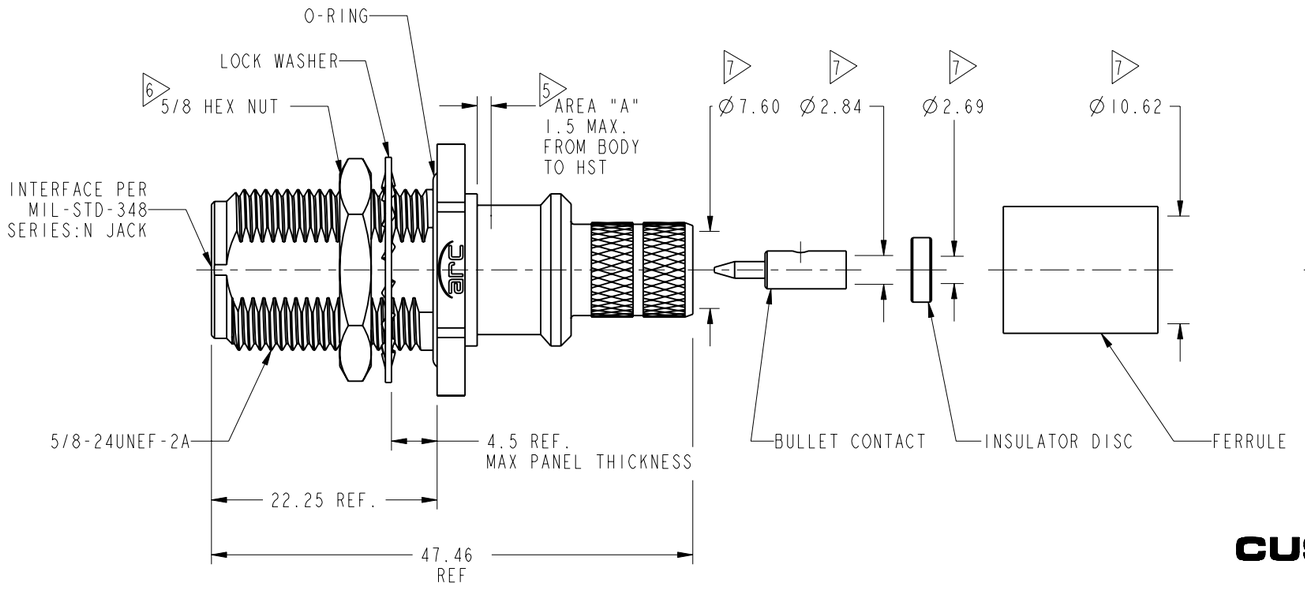

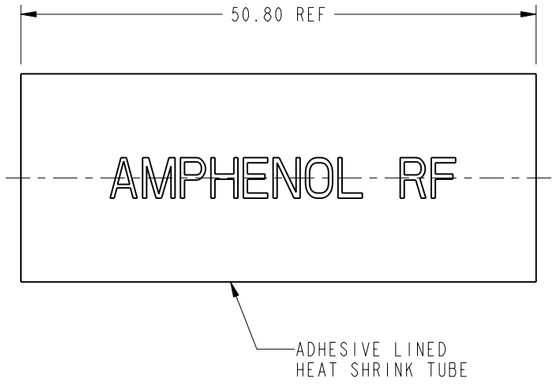

CUSTOMER OUTLINE DRAWING

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	DRAWN: S.DUAN	DATE: 06-Mar-15	TITLE: N,JACK STR BHD IP-67 FOR LMR-400 CABLE
	ENGINEER: D.DAVE	DATE: 12-Sept-11	
REFERENCE	APPROVED: S.HSIEH	DATE: 09-Mar-15	SCALE: 1.7:1.0 SHEET 2 OF 2
CONFIGURATION LEVEL: In Work	CAD FILE		DWG SIZE: B REV: D
FINISH			

Amphenol RF
www.amphenolrf.com

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