

- 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.

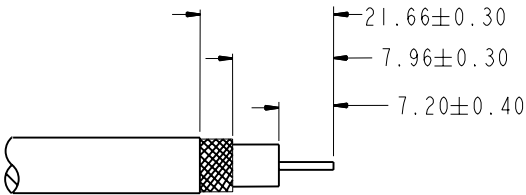
6. RECOMMENDED TORQUE APPLIED ON HEX NUT : 7-10 IN-LBS

7. SHOWS CABLE ENTRY DIMENSIONS.

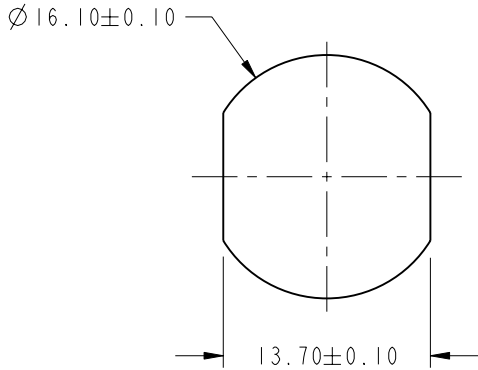
THIRD ANGLE PROJ.

REVISIONS

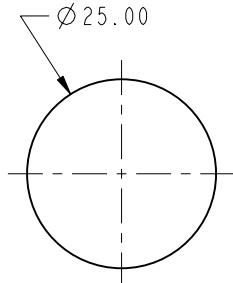
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	05-Feb-13	49027	DD
B	ADD ARC LOGO TO BODY AND AMPHENOL RF TO HST VRD-DMI3082201J8	30-Aug-13	49619	RLB
C	MODIFIED CONTACT\VRD-DMI408260IM3	30-Sep-14		SH
D	CRIMP WAS 0.532"	12-Feb-15	50404	JN



RECOMMENDED CABLE STRIPPING

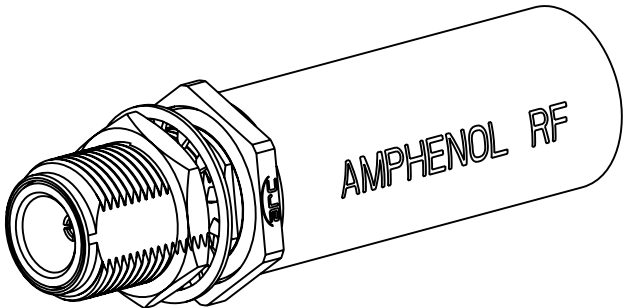


RECOMMENDED  
MOUNTING HOLE DIMENSIONS

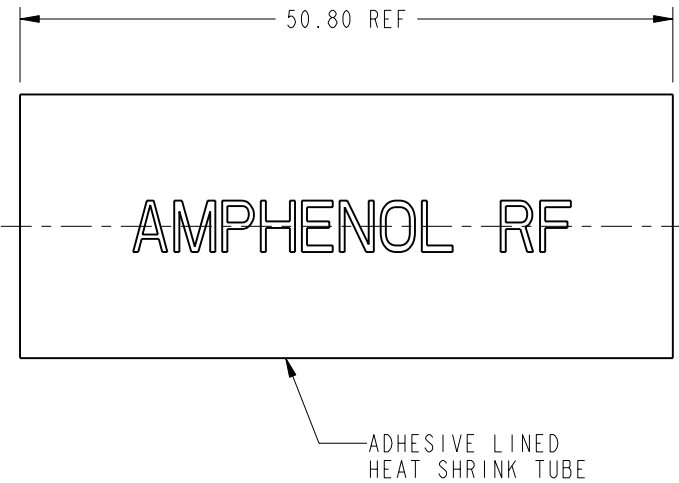
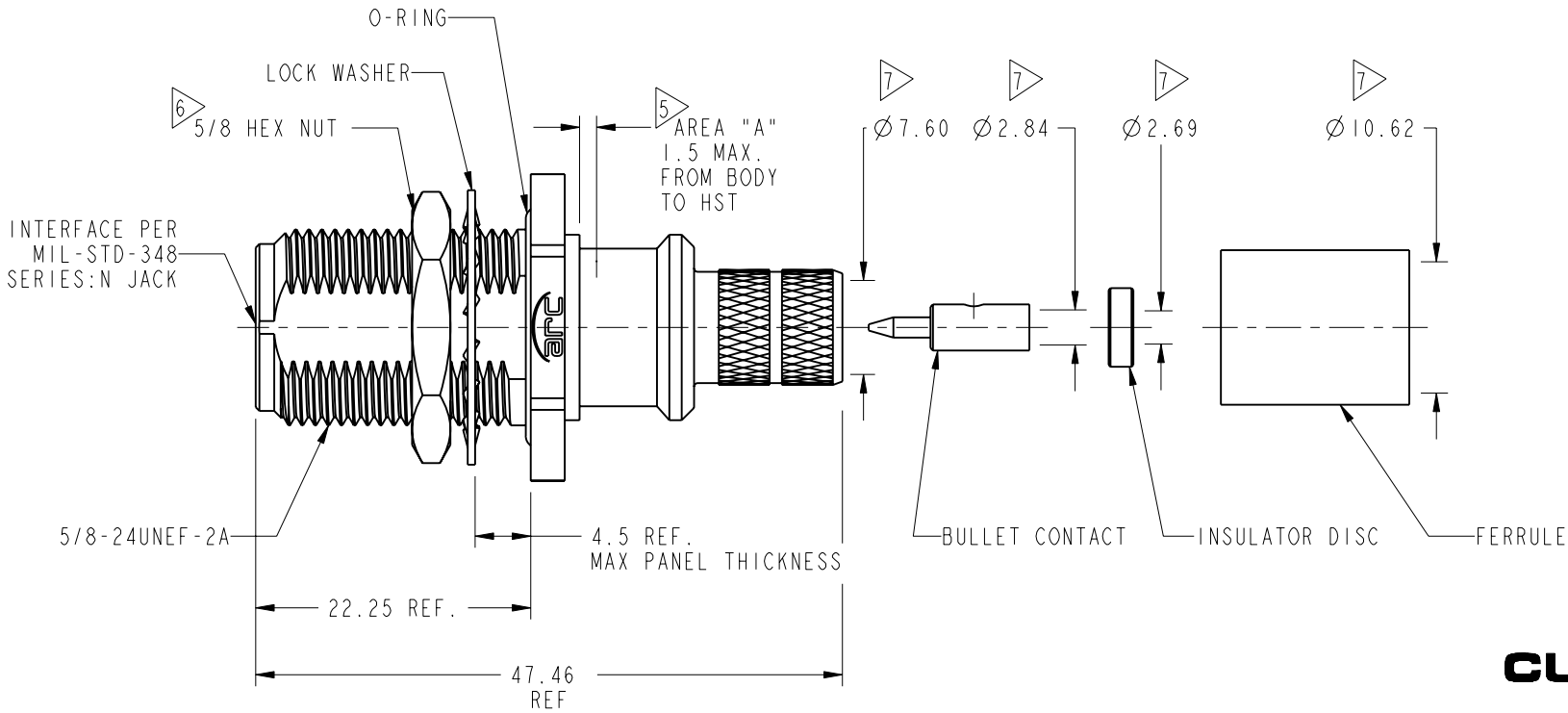
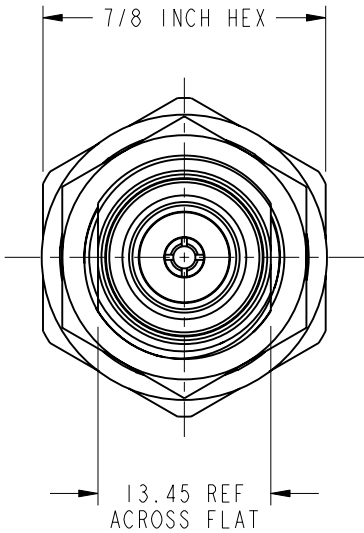


SCALE 1.000

MIN PASS THRU DIAMETER



SCALE 1.200



**CUSTOMER OUTLINE DRAWING**  
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:  
<0.5mm ±0.05mm 0.5 - 6mm ±0.1mm 6 - 30mm ±0.2mm 30 - 120mm ±0.3mm ANGLES ±1°

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MATERIAL

SEE NOTES

REFERENCE

CONFIGURATION LEVEL: In Work

FINISH

DRAWN  
S.DUAN

DATE  
06-Mar-15

ENGINEER  
D.DAVE

DATE  
12-Sept-11

APPROVED  
S.HSIEH

DATE  
09-Mar-15

CAD FILE

TITLE  
N,JACK STR BHD IP-67  
FOR LMR-400 CABLE

SCALE: 1.7:1.0 SHEET 2 OF 2

DWG SIZE  
B

REV  
D

Amphenol RF  
www.amphenolrf.com

DRAWING NO.82-6512

ITEM NO. 82-6512

PART NO. 82-6512