

- 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.

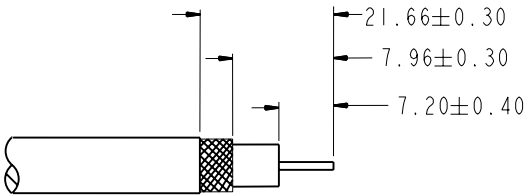
6. RECOMMENDED TORQUE APPLIED ON HEX NUT : 7-10 IN-LBS

7. SHOWS CABLE ENTRY DIMENSIONS.

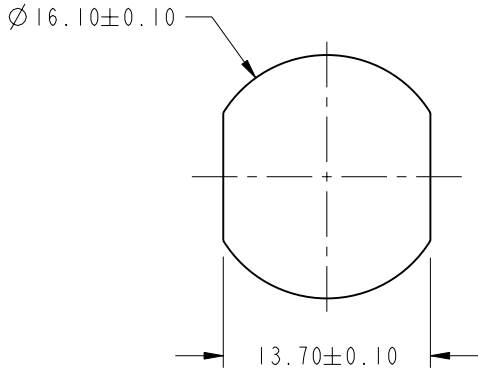
THIRD ANGLE PROJ.

REVISIONS

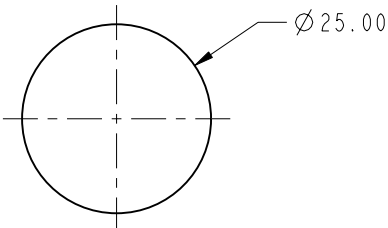
| REV | DESCRIPTION                                                     | DATE      | ECO   | APPR |
|-----|-----------------------------------------------------------------|-----------|-------|------|
| A   | RELEASE TO MFG.                                                 | 05-Feb-13 | 49027 | DD   |
| B   | ADD ARC LOGO TO BODY AND AMPHENOL RF TO HST<br>VRD-DMI3082201J8 | 30-Aug-13 | 49619 | RLB  |
| C   | MODIFIED CONTACT\VRD-DMI408260IM3                               | 30-Sep-14 |       | SH   |



RECOMMENDED CABLE STRIPPING

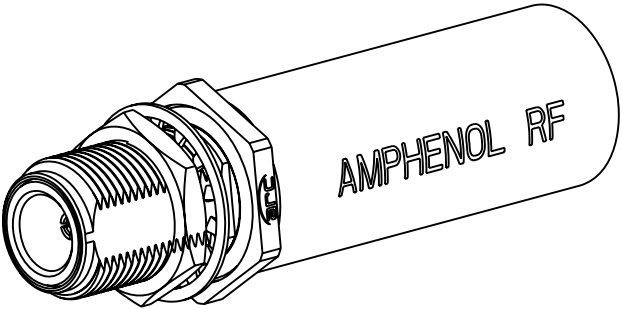


RECOMMENDED  
MOUNTING HOLE DIMENSIONS

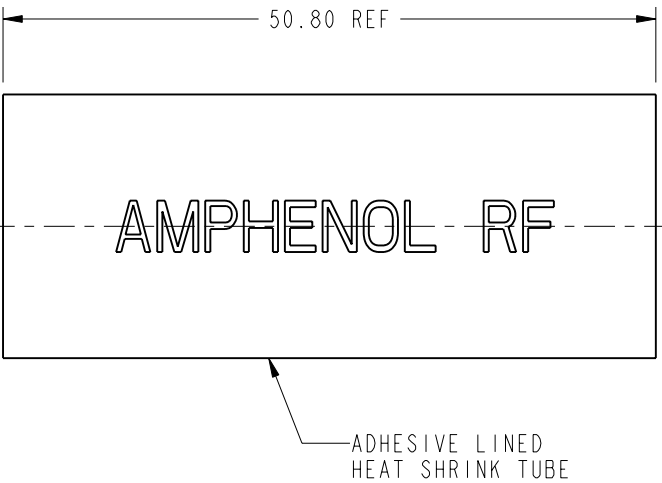
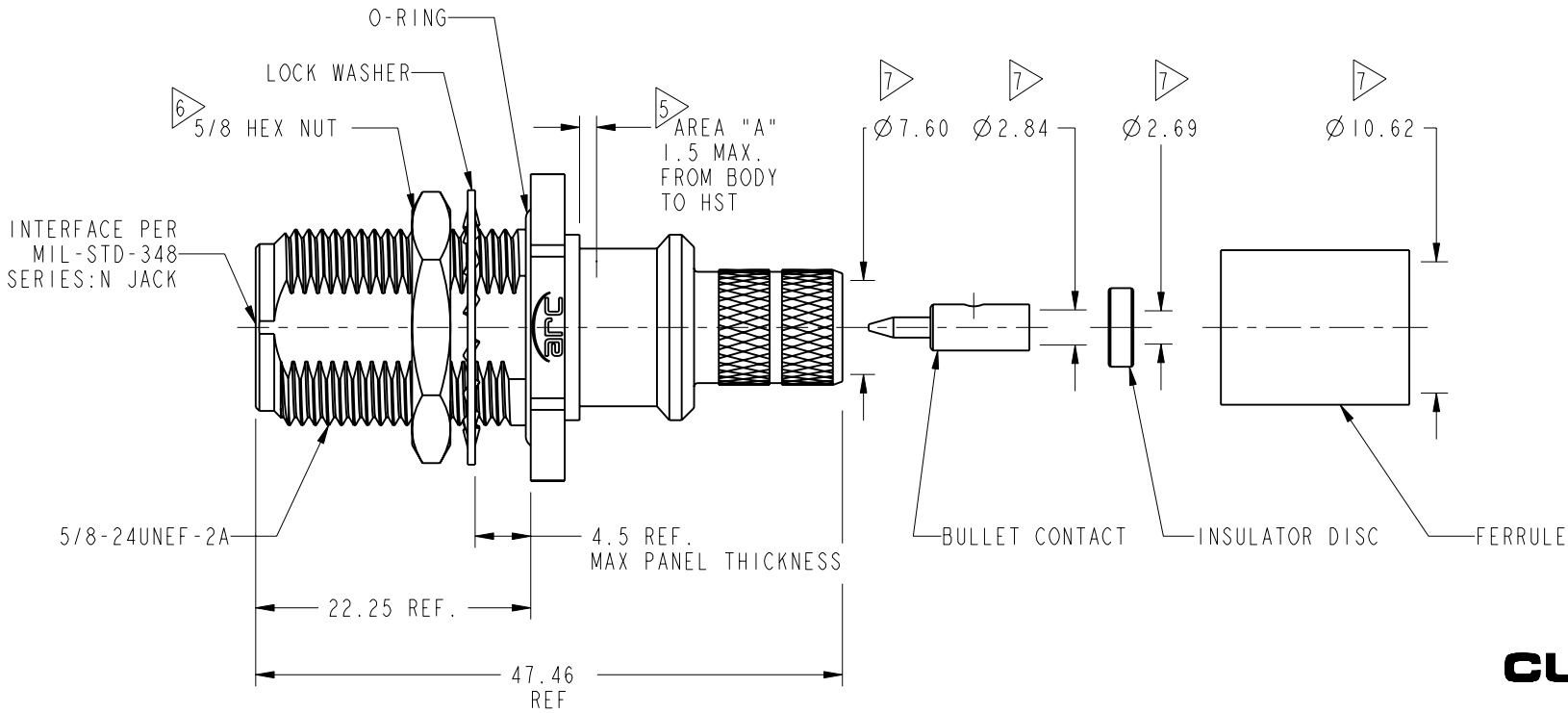
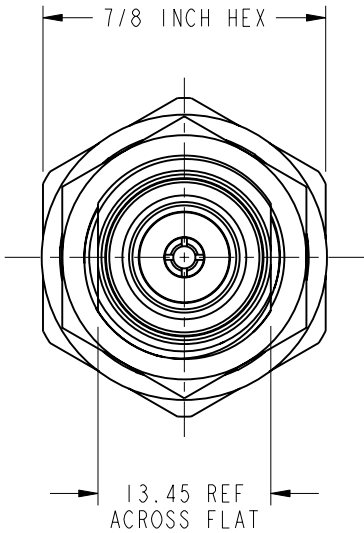


SCALE 1.000

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°

NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. the furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights to permitting such holder or any other sperson to manufacture, use or sell any product, process or design, patented or otherwsie, that may in any way be related to or disclosed by said drawings, specifications, or other data.

MATERIAL

SEE NOTES

REFERENCE

CONFIGURATION LEVEL: □□□□

FINISH

DRAWN  
M.DONG

ENGINEER  
D.DAVE

APPROVED  
S.HSIEH

CAD FILE

DATE  
29-Sep-14

DATE  
12-Sept-11

DATE  
29-Sep-14

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

SCALE: 1.7:1.0 SHEET 2 OF 2

DWG SIZE  
B

REV  
C

Amphenol RF  
www.amphenolrf.com

DRAWING NO.82-6512

ITEM NO. 82-6512

PART NO. 82-6512