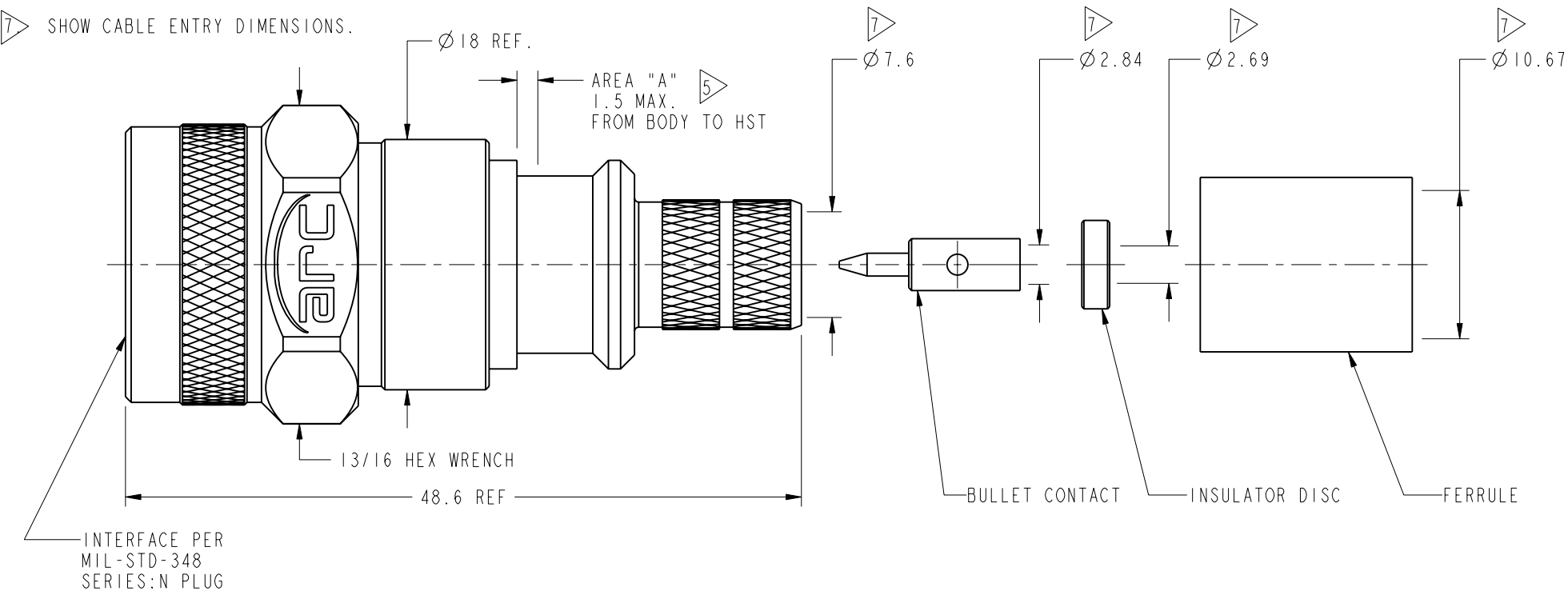


- NOTES:
1. MATERIALS AND FINISHES:
- BODY - BRASS, NICKEL PLATING
 - CONTACT - BRASS, GOLD PLATING
 - INSULATORS - PTFE, NATURAL
 - COUPLING NUT - BRASS, NICKEL PLATING
 - GASKET - SILICON RUBBER, RED
 - FERRULE - COPPER, NICKEL PLATING
 - HEAT SHRINK TUBING - CROSSLINKED POLYOLEFIN
2. ELECTRICAL:
- 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: -65° C TO +165° C
4. PACKAGING:
- A. QUANTITY: SINGLE PACK
 - B. MARKING: BAG TO BE MARKED "AMPHENOL RF, 82-6513, 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.
 - G. HEAT SHRINK TUBING SHOULD FULLY (360 DEG) COVER THE BUMP ON BODY AND END WITHIN AREA "A"
6. RECOMMENDED COUPLING TORQUE : 6-10 IN-LBS.

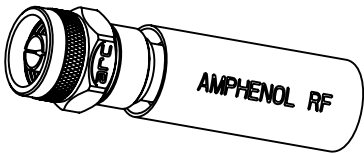
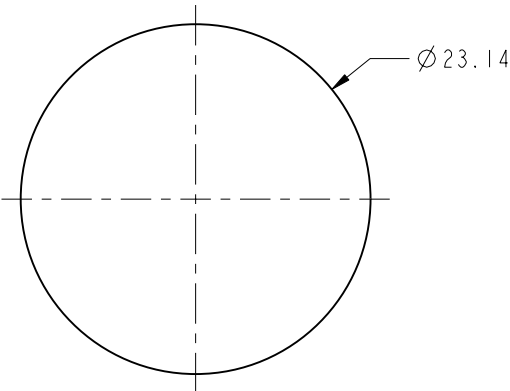
7. SHOW CABLE ENTRY DIMENSIONS.



THIRD ANGLE PROJ.

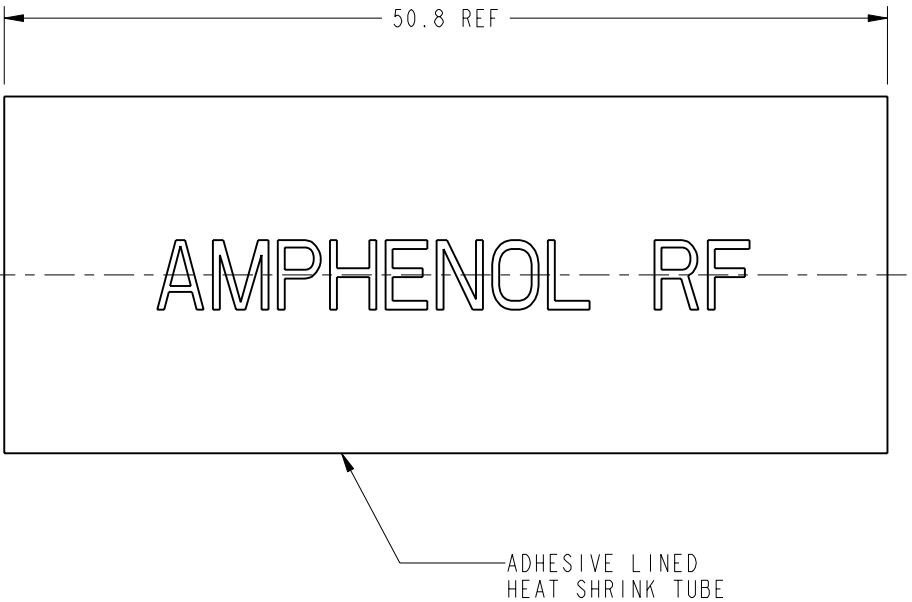
REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG	01-Feb-12	48912	TD
B	PLATING OF CONTACT PIN WERE CHANGED	18-Jun-12	49127	SH
C	ADD ARC LOGO TO COUPLING NUT & AMPHENOL RF TO HST VRD-DMI3082201J8	29-Aug-13	49619	RLB
D	CRIMP WAS 0.532"	12-Feb-15	50404	JN



SCALE 0.600

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

REFERENCE

EAR # PTCIP67
82-6451 AND
CONFIGURATION LEVEL: EAR3408

FINISH

DRAWN

S.DUAN

ENGINEER

D.DAVE

APPROVED

S.HSIEH

CAD FILE

DATE

06-Mar-15

DATE

15-Sept-11

DATE

09-Mar-15

TITLE

N STR PLUG IP-67
FOR LMR-400 CABLE

SCALE: 2.3:1.0

DWG SIZE

B

SHEET 2 OF 2

REV

D

Amphenol RF

Danbury CT USA, Tainan, Taiwan, Shenzhen, China
www.amphenolrf.com

DRAWING NO.82-6513

ITEM NO.82-6513

PART NO.82-6513