

NOTES:

1. MATERIALS AND FINISHES:  
BODY, COUPLING NUT, FERRULE - BRASS, NICKEL PLATING  
BULLET CONTACT - BRASS, GOLD PLATING  
CONTACT - BeCu, GOLD PLATING  
INSULATORS - PTFE, NATURAL  
GASKET - SILICON RUBBER, RED  
HEAT SHRINK TUBING - CROSSLINKED POLYOLEFIN

2. ELECTRICAL:  
A. IMPEDANCE: 50 OHM  
B. FREQUENCY RANGE: DC -6 GHz  
C. VSWR : 1.10 MAX  
D. 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, 82-6556, 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 0.255" 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"

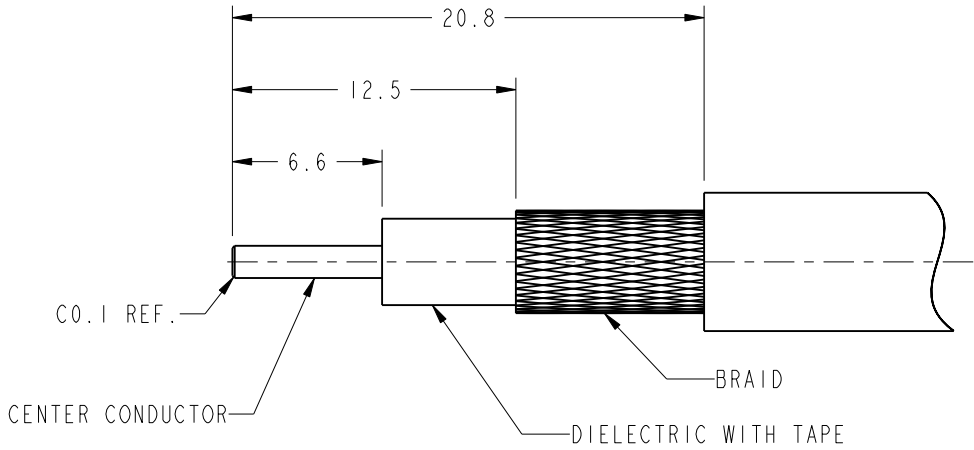
6. RECOMMENDED COUPLING TORQUE : 6-10 IN-LBS.

7. SHOW CABLE ENTRY DIMENSIONS.

THIRD ANGLE PROJ.

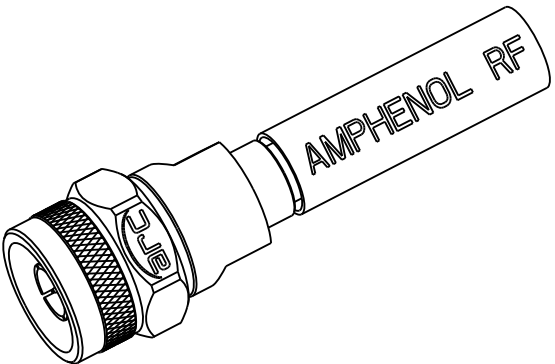
REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	19-Mar-13	49372	TD

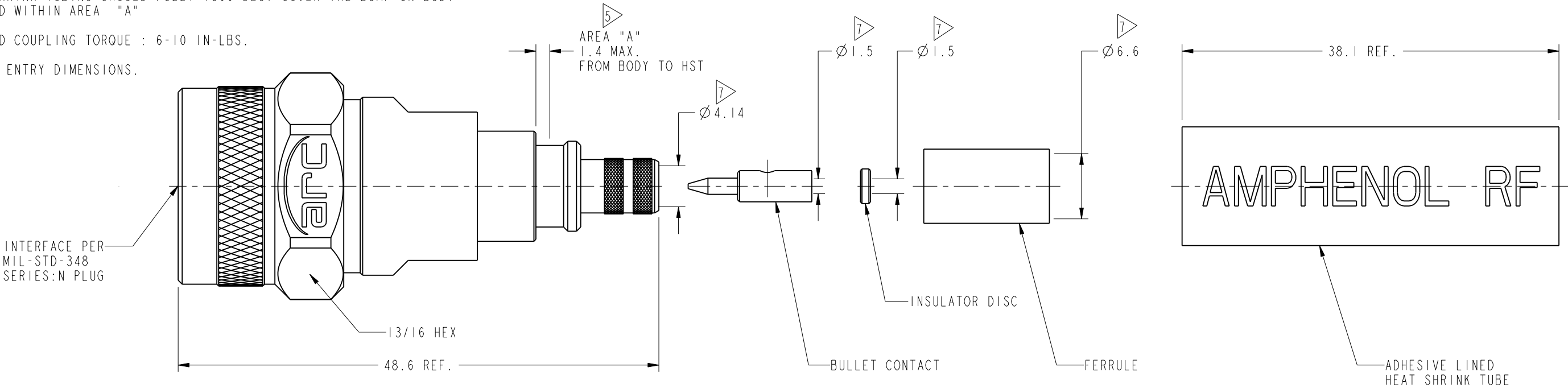


SCALE 3.000

**RECOMMENDED  
CABLE STRIPPING DIMENSIONS**



SCALE 1.000



**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	DRAWN T.DENG	DATE 19-Mar-13	TITLE N STR PLUG IP-67 FOR LMR-240-UF CABLE		Amphenol RF www.amphenolrf.com	
REFERENCE EAR # 5423	ENGINEER KARTHIK R	DATE 10-Aug-12			DRAWING NO.82-6556	
CONFIGURATION LEVEL:	APPROVED S.HSIEH	DATE 19-Mar-13	SCALE: 2.3:1.0   SHEET 2 OF 2		ITEM NO. 82-6556	
FINISH	CAD FILE		DWG SIZE B		REV A	
					PART NO. 82-6556	

# Mouser Electronics

Authorized Distributor

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