

NOTES:	THIRD ANGLE PROJ.		REVISIONS			
	REV		DESCRIPTION	DATE	ECO	APPR

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:

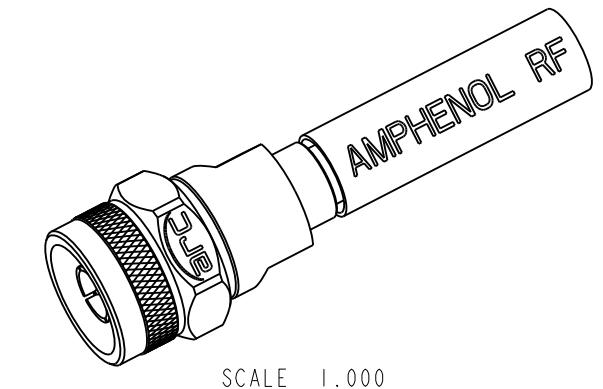
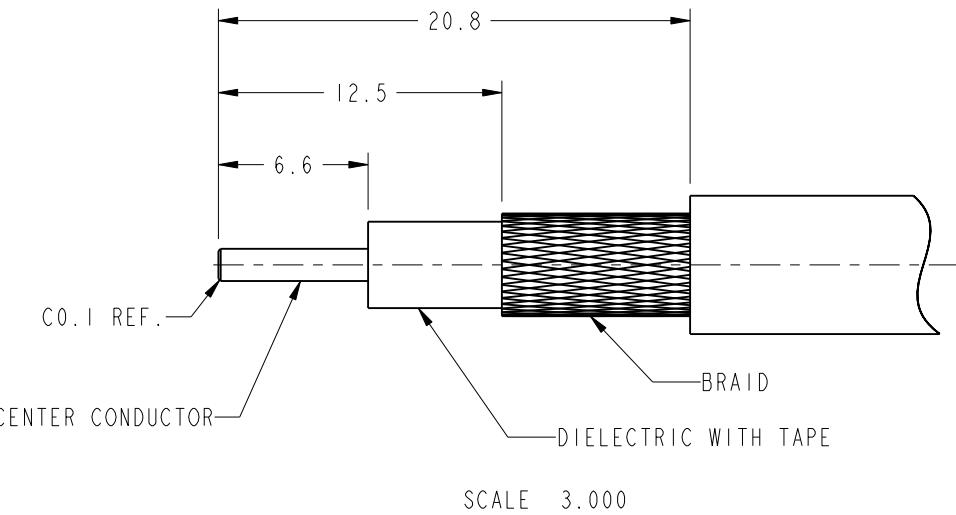
A. QUANTITY: SINGLE PACK  
 B. MARKING: BAG TO BE MARKED  
 "AMPHENOL RF, 82-6556, AND DATE CODE"

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 KNUURL.  
 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"

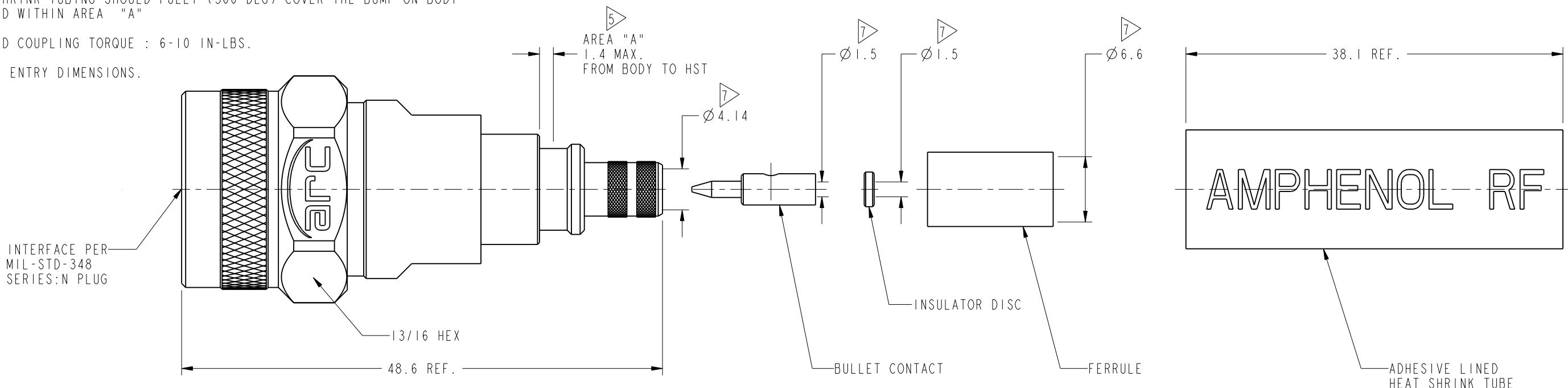
6. RECOMMENDED COUPLING TORQUE : 6-10 IN-LBS.

7. SHOW CABLE ENTRY DIMENSIONS.



SCALE 1.000

**RECOMMENDED  
CABLE STRIPPING DIMENSIONS**



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

Amphenol RF  
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DRAWING NO. 82-6556  
 ITEM NO. 82-6556  
 PART NO. 82-6556

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