

NOTES:

- 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

- ELECTRICAL:
 A. IMPEDANCE: 50 OHM
 B. FREQUENCY RANGE: DC -6 GHz
 C. VSWR: 1.10 MAX
 D. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.

- MECHANICAL:
 A. DURABILITY: 500 CYCLES, MIN.
 B. TEMPERATURE RANGE: -65° C TO +165° C

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

- ▶ RECOMMENDED CABLE ASSEMBLY INSTRUCTIONS:
- TRIM CABLE AS SHOWN.
 - SLIDE HEAT SHRINK TUBING, FERRULE AND INSULATOR DISC ONTO CABLE.
 - SOLDER CABLE CENTER CONDUCTOR TO CONTACT.
 - INSERT CABLE WITH FOIL ENTERING CONNECTOR AND BRAID OVER KNURL.
 - CRIMP FERRULE OVER BRAID WITH 0.255" HEX DIE.
 - APPLY HEAT SHRINK TUBING OVER FERRULE.
 - HEAT SHRINK TUBING SHOULD FULLY (360 DEG) COVER THE BUMP ON BODY AND END WITHIN AREA "A"

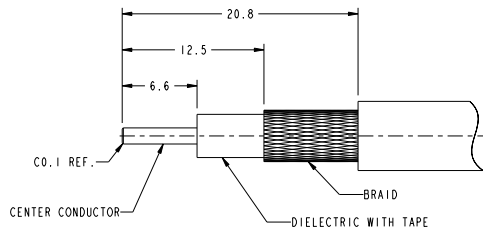
- RECOMMENDED COUPLING TORQUE : 6-10 IN.-LBS.

- ▶ SHOW CABLE ENTRY DIMENSIONS.

THIRD ANGLE PROJ.

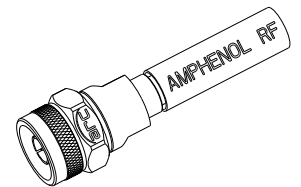
REVISIONS

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



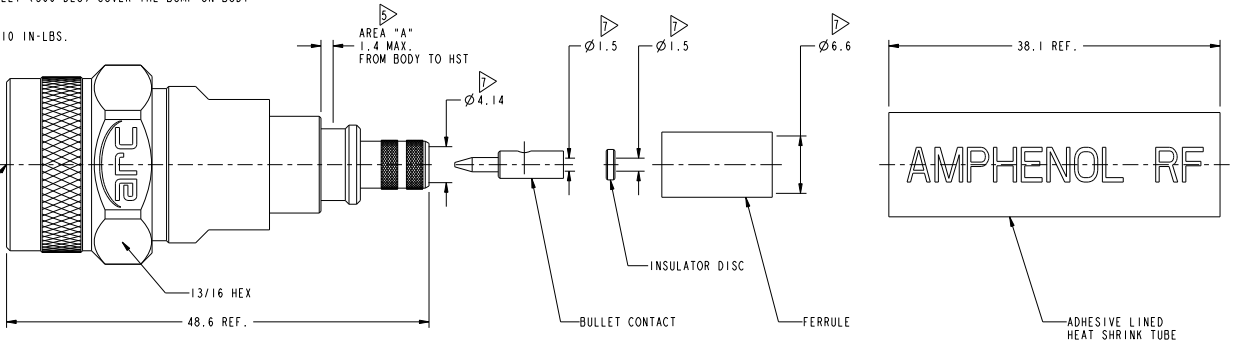
SCALE 3.000

RECOMMENDED CABLE STRIPPING DIMENSIONS



SCALE 1.000

INTERFACE PER MIL-STD-348 SERIES N PLUG



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
REFERENCE	EAR # 5423	ENGINEER	KARTHIK R	DATE	10-Aug-12
CONFIGURATION LEVEL:		APPROVED	S. HSIEH	DATE	19-Mar-13
FINISH		CAD FILE			

TITLE		N STR PLUG IP-67 FOR LMR-240-UF CABLE	
SCALE:	2.3:1.0	SHEET	2 OF 2
DWG SIZE	B	REV	A

Amphenol RF	
www.amphenolrf.com	
DRAWING NO.	82-6556
ITEM NO.	82-6556
PART NO.	82-6556