

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"

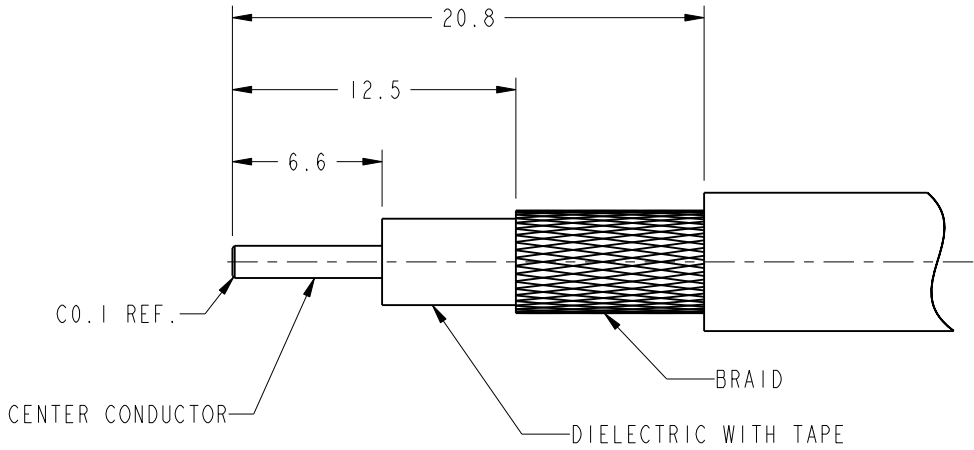
6. RECOMMENDED COUPLING TORQUE : 6-10 IN-LBS.

7. SHOW CABLE ENTRY DIMENSIONS.

THIRD ANGLE PROJ.

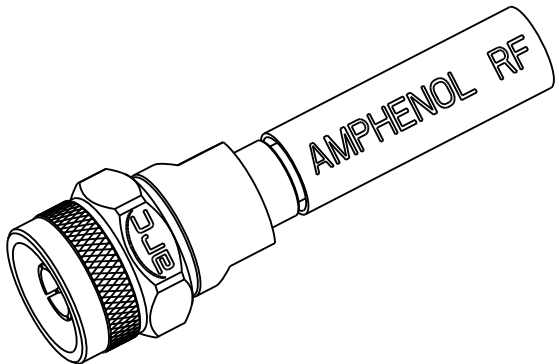
REVISIONS

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

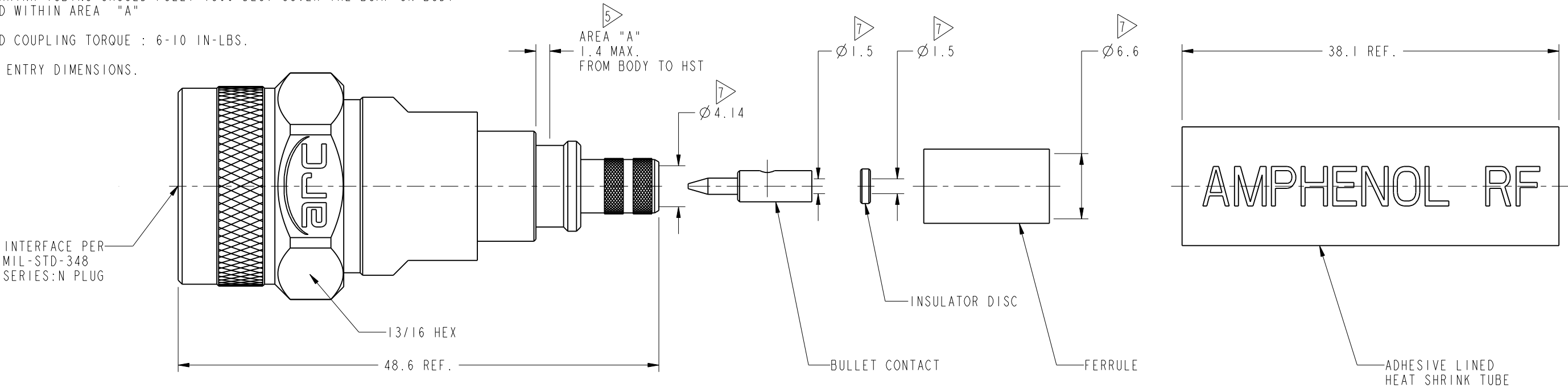


SCALE 3.000

**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

REFERENCE
EAR # 5423

CONFIGURATION LEVEL:

FINISH

DRAWN

T.DENG

ENGINEER

KARTHIK R

APPROVED

S.HSIEH

CAD FILE

DATE

19-Mar-13

DATE

10-Aug-12

DATE

19-Mar-13

TITLE

N STR PLUG IP-67
FOR LMR-240-UF CABLE

SCALE: 2.3:1.0

DWG SIZE

B

SHEET 2 OF 2

REV

A

Amphenol RF

www.amphenolrf.com

DRAWING NO.82-6556

ITEM NO. 82-6556

PART NO. 82-6556

Mouser Electronics

Authorized Distributor

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