

- NOTES:
1. MATERIALS AND FINISHES:
BODY-FRONT, BODY-REAR,CAP,
OUTER CONTACT,COUPLING NUT -BRASS, NICKEL PLATING
CONTACT - BRASS, GOLD PLATING
INSULATOR - PTFE
INSULATOR REAR - ULTEM 1000
FERRULE- BRASS, NICKEL PLATING
2. ELECTRICAL:
A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE: DC - 6 GHz
C. VSWR : 1.15 MAX @ DC-6 GHz
D. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.

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

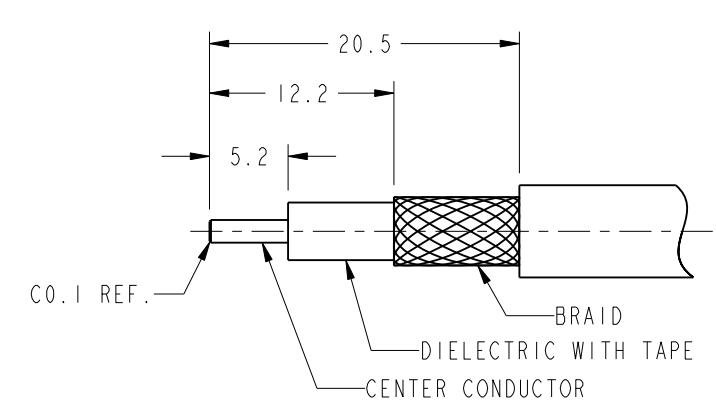
4. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 82-6557 AND DATE CODE"

5. RECOMMENDED CABLE ASSEMBLY INSTRUCTIONS:
A. TRIM CABLE AS SHOWN.
B. SLIDE HEAT SHRINK TUBE,FERRULE & REAR INSULATOR ONTO CABLE.
C. INSERT CABLE WITH FOIL ENTERING CONNECTOR AND BRAID OVER KNURL.
D. SOLDER CABLE CENTER CONDUCTOR TO CONTACT.
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"

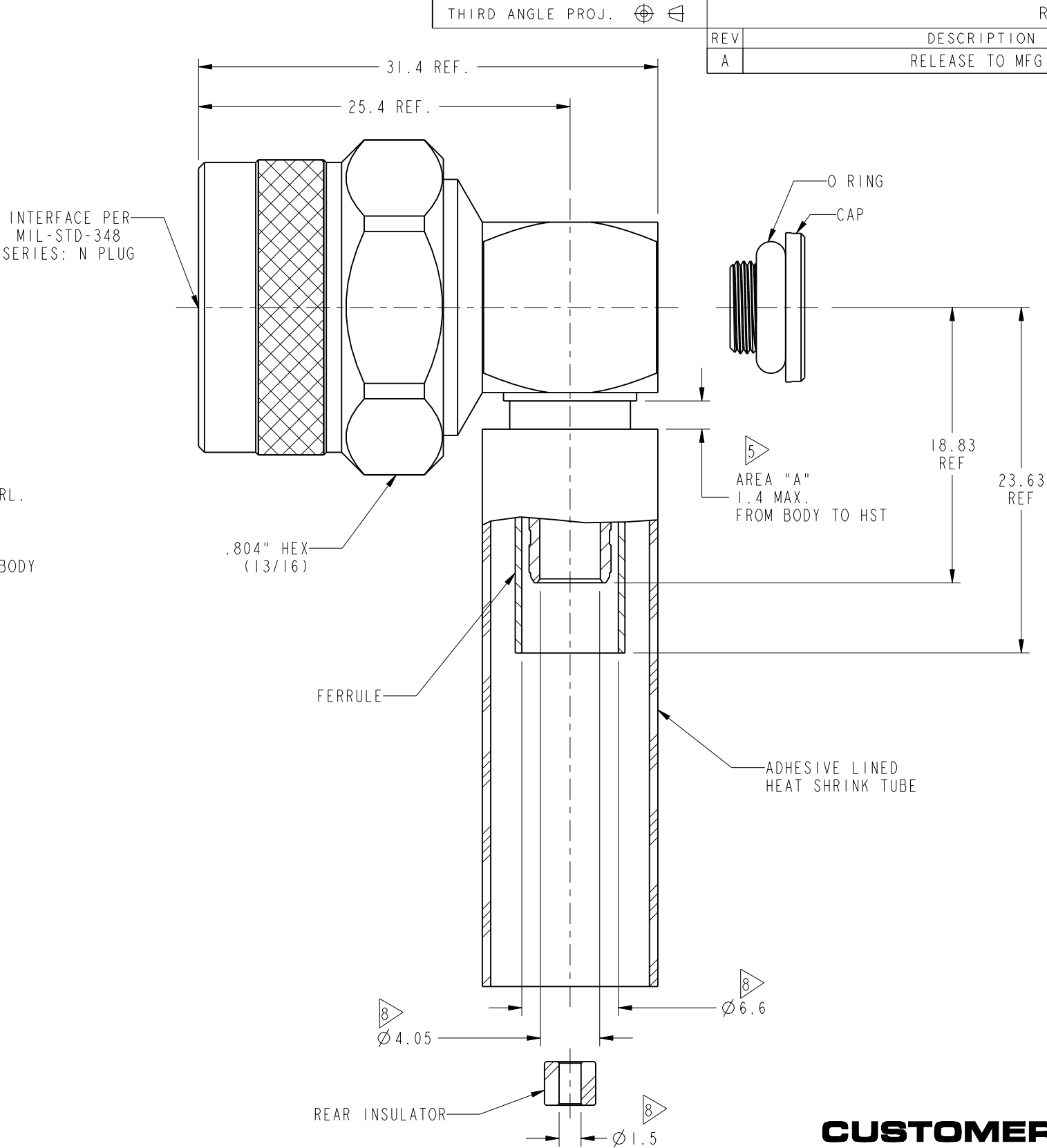
6. CAP ASSEMBLY INSTRUCTIONS:
A. PLACE O-RING ON CAP AS SHOWN.
B. ASSEMBLE CAP TO BODY WITH 15 IN-LBS TORQUE.

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

8. SHOWS CABLE ENTRY DIMENSIONS.



**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 ± 0.05mm 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 PLUG R/A IP-67 FOR LMR-240-UF CABLE		Amphenol RF www.amphenolrf.com	
	ENGINEER ABHAYA KISHORE	DATE 10-Aug-12				
	REFERENCE EAR # 5423	DATE 19-Mar-13	SCALE: 2.8:1.0 SHEET 2 OF 2		DRAWING NO.82-6557	
	CONFIGURATION LEVEL:	CAD FILE	DWG SIZE B		REV A	ITEM NO. 82-6557
FINISH						PART NO. 82-6557

Mouser Electronics

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