

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

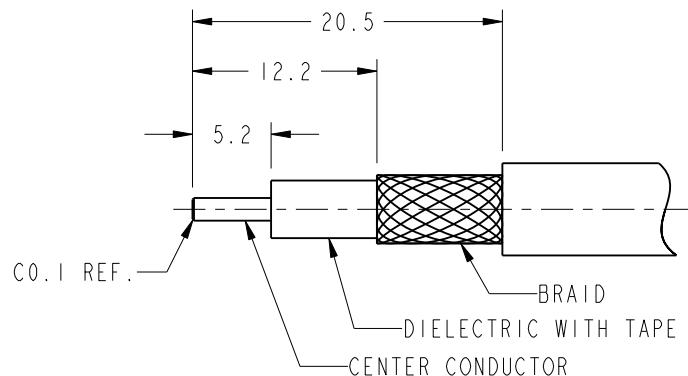
4. PACKAGING:  
 A. QUANTITY: SINGLE PACK  
 B. MARKING: BAG TO BE MARKED  
 "AMPHENOL RF, 82-6557 AND DATE CODE"

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 KNUURL.  
 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"

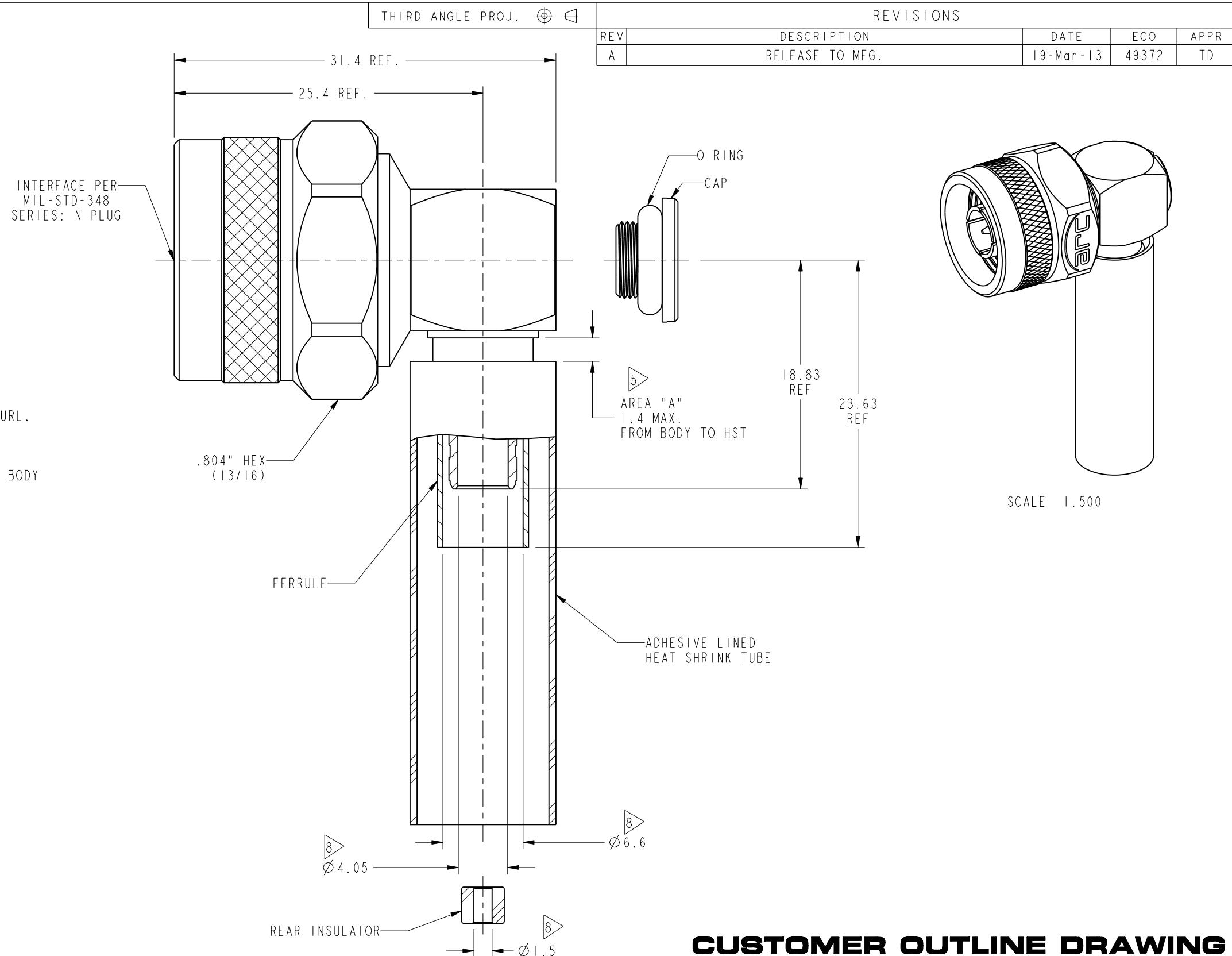
6. CAP ASSEMBLY INSTRUCTIONS:  
 A. PLACE O-RING ON CAP AS SHOWN.  
 B. ASSEMBLE CAP TO BODY WITH 15 IN-LBS TORQUE.

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 0.5 - 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 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 CONFIGURATION LEVEL: FINISH	APPROVED S.HSIEH	DATE 19-Mar-13	SCALE: 2.8:1.0	SHEET 2 OF 2
	CAD FILE		DWG SIZE B	REV A
				PART NO. 82-6557

# Mouser Electronics

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