

NOTES:
1. MATERIALS AND FINISHES:
BODY, REAR BODY - BRASS, WHITE BRONZE
CONTACT - BRASS, GOLD PLATING
INSULATOR - PTFE
COUPLING NUT- BRASS, WHITE BRONZE
CAP- BRASS, WHITE BRONZE
FERRULE- COPPER, WHITE BRONZE

2. ELECTRICAL:
A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE: DC - 6 GHz
C. VSWR(RETURN LOSS): -23 dB MAX

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

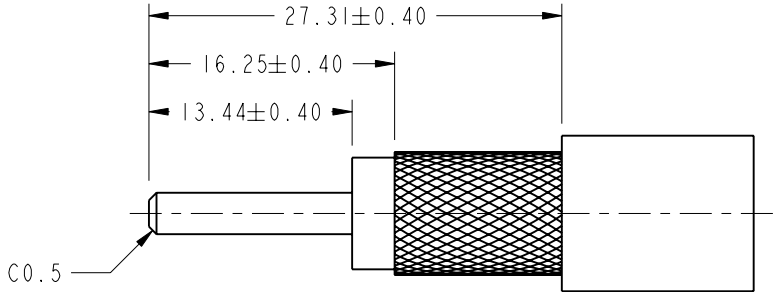
4. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOLRF, 82-6641 AND DATE CODE"

5. RECOMMENDED CABLE ASSEMBLY INSTRUCTIONS:
A. TRIM CABLE AS SHOWN.
B. SLIDE FERRULE AND 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 0.429" HEX DIE.

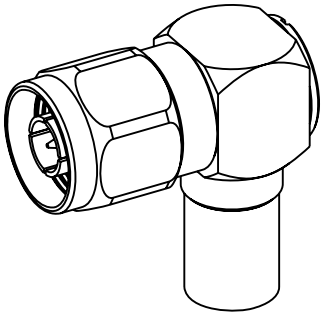
6. ASSEMBLE CAP TO BODY WITH 6-10 IN-LBS TORQUE.

 SHOWS CABLE ENTRY DIMENSIONS.

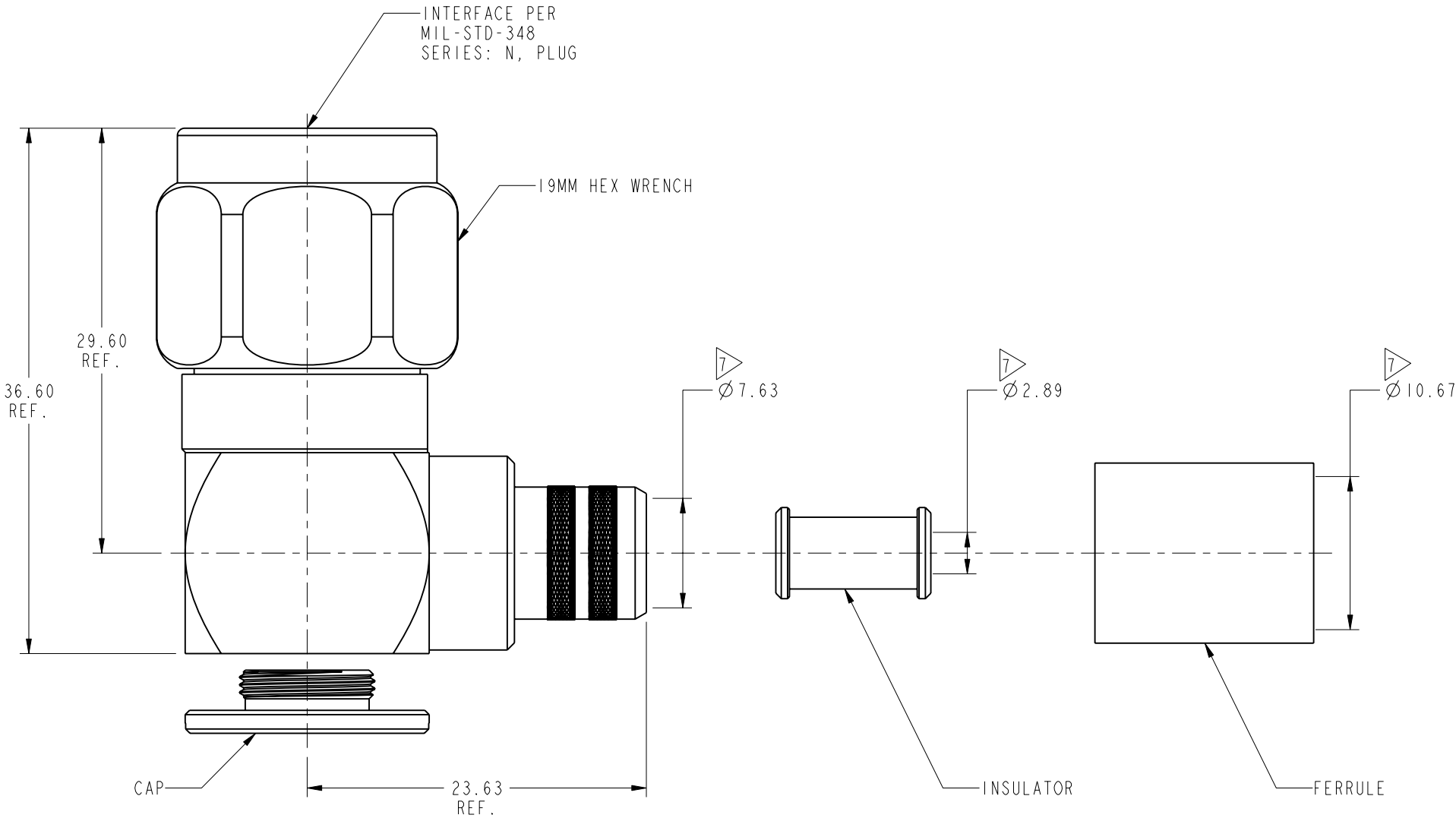
THIRD ANGLE PROJ. 					REVISIONS				
REV	DESCRIPTION				DATE	ECO	APPR		
A	RELEASE TO MFG.				07-Jun-17	04004	BMG		



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 0.5 - 6mm 6 - 30mm 30 - 120mm ANGLES ± 0.05mm ±0.1mm ±0.2mm ± 0.3mm ±1°	MATERIAL SEE NOTES	DRAWN K. SONG	DATE 12-Jun-17	TITLE N, PLUG R/A FOR LMR-400 CABLE		Amphenol RF www.amphenolrf.com	
		ENGINEER B. GREENBAUM	DATE 13-Jan-17				
	REFERENCE EAR # 7407	APPROVED S. HSIEH	DATE 14-Jun-17			SCALE: 2.5:1.0	SHEET 2 OF 2
	CONFIGURATION LEVEL: In Work	CAD FILE	DWG SIZE B		REV A	ITEM NO. 82-6641	
	FINISH					PART NO. 82-6641	

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