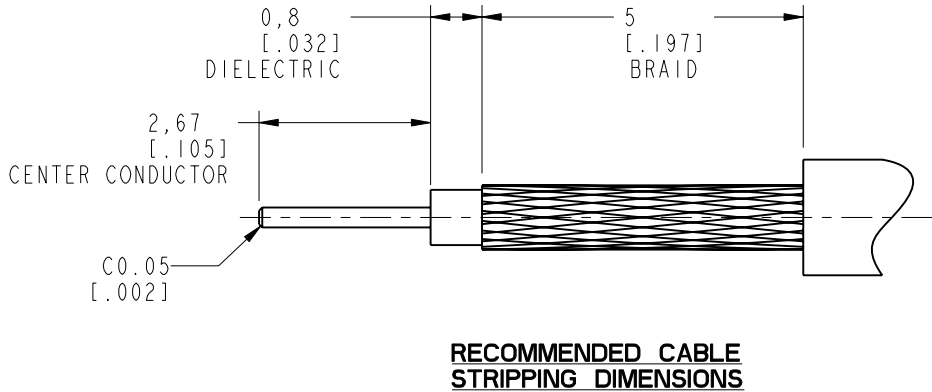
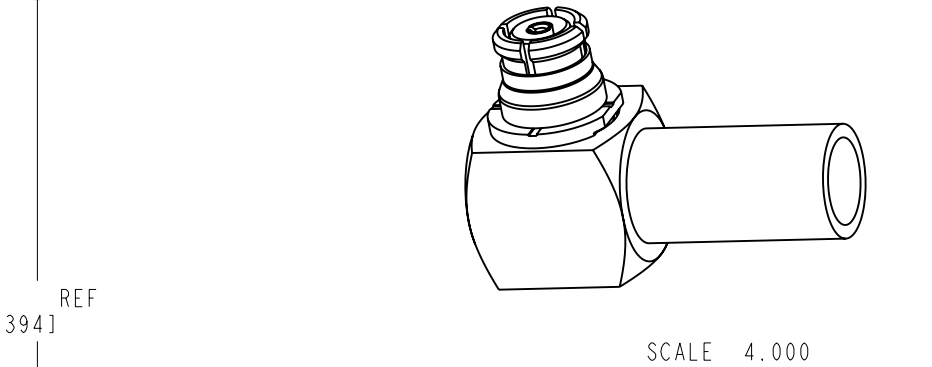
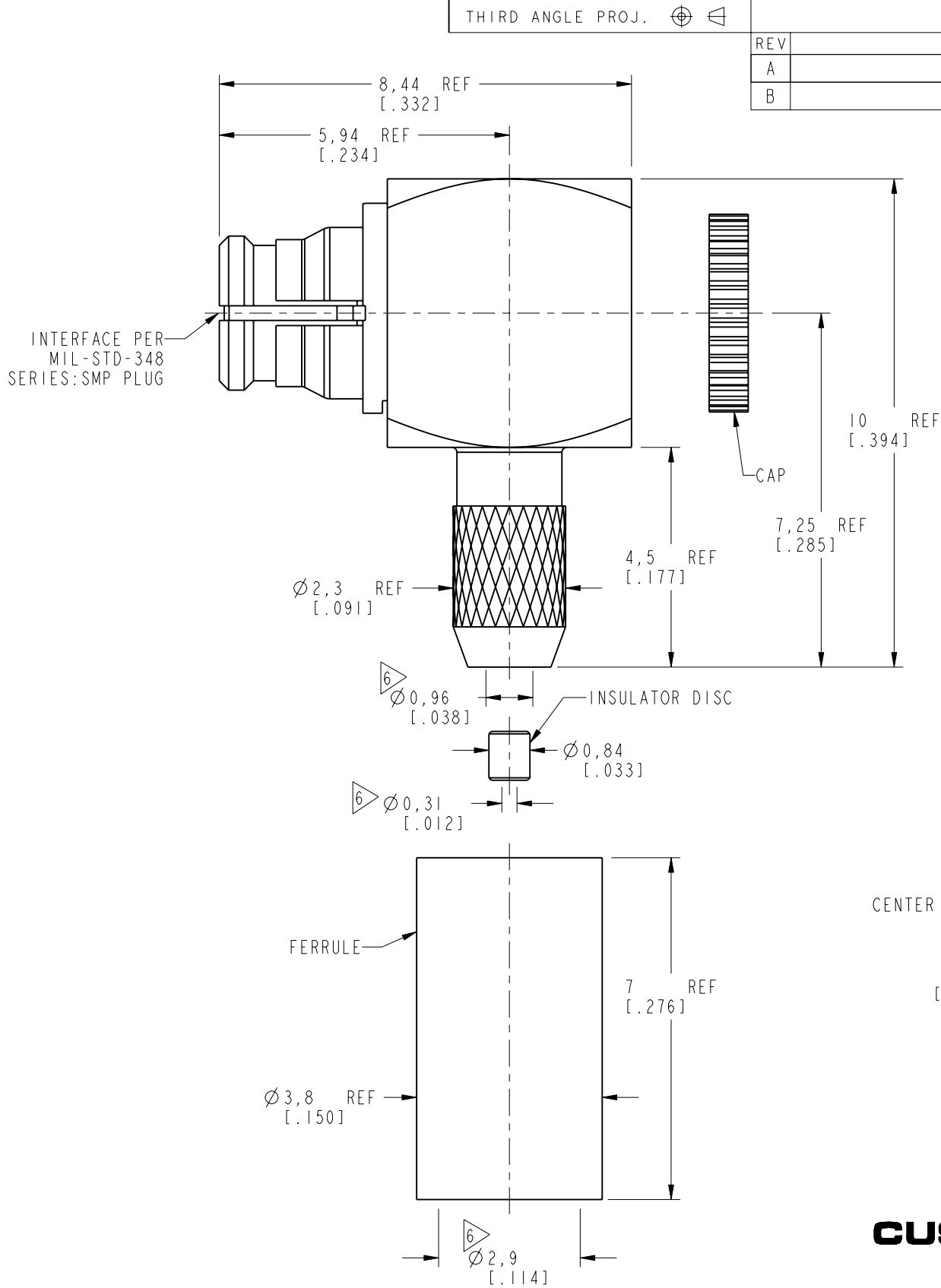


NOTES:

1. MATERIALS AND FINISHES:
BODY & CONTACT - BeCu, GOLD PLATING
BODY-REAR & CAP - BRASS, GOLD PLATING
RETAINING RING - BeCu, NICKEL PLATING
FERRULE - COPPER, NICKEL PLATING
INSULATOR - PTFE, NATURAL
INSULATOR DISC - PEEK, NATURAL
2. ELECTRICAL:
A. IMPEDANCE: 50 OHM
B. FREQUENCY RANGE: DC - 26.5 GHz.
C. VSWR (RETURN LOSS): 1.22 MAX. (-20 dB MIN.) @ DC - 3 GHz
1.43 MAX. (-15 dB MIN.) @ 3 - 12.4 GHz
D. DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS, MIN.
3. MECHANICAL:
A. DURABILITY: 100 CYCLES MIN. WHEN MATED FULL DETENT JACK
500 CYCLES MIN. WHEN MATED LIMITED DETENT JACK
1000 CYCLES MIN. WHEN MATED A SMOOTH BORE JACK
B. TEMPERATURE RANGE: -65°C TO 165°C
4. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, SMP-FR-C19 & DATE CODE"
5. CABLE ASSEMBLY INSTRUCTIONS:
A. TRIM CABLE AS SHOWN.
B. SLIDE FERRULE AND INSULATOR DISC ONTO CABLE.
C. SOLDER CABLE CENTER CONDUCTOR TO CONTACT.
D. CRIMP FERRULE OVER THE BRAID WITH .128" HEX.
E. PRESS CAP FLUSH.

6 SHOWS CABLE ENTRY 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°	MATERIAL SEE NOTES	DRAWN M. ZHANG	DATE 07-May-19	TITLE SMP RA PLUG WITH ROCK RING FOR RG 178 CABLE		Amphenol RF www.amphenolrf.com	
		ENGINEER VIJI K	DATE 04-Dec-17				
	REFERENCE EAR# 8025 AND SMP-FR-C08-1	APPROVED S. HSIEH	DATE 07-May-19			SCALE: 8.5:1.0	SHEET 2 OF 2
	CONFIGURATION LEVEL: In Work	CAD FILE	DWG SIZE B		REV B	ITEM NO. SMP-FR-C19	
	FINISH					PART NO. SMP-FR-C19	
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