

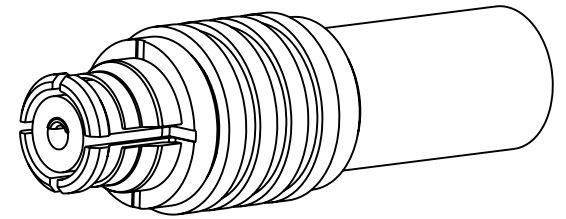
1. MATERIALS AND FINISHES:
 - BODY & CONTACT - BeCu, GOLD PLATING
 - HOUSING & SPACER - BRASS, GOLD PLATING
 - INSULATORS - PTFE, NATURAL
 - FERRULE - COPPER, NICKEL PLATING
 - RETAINER RING - BeCu, NICKEL PLATING
 - INSULATOR DISC - PEEK, NATURAL
2. ELECTRICAL:
 - A. IMPEDANCE: 50 OHM
 - B. FREQUENCY RANGE: DC - 6 GHz
 - C. VSWR (RETURN LOSS): 1.28 MAX. (-18 dB MIN.) @ DC - 6 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-FS-C19 AND DATE CODE"

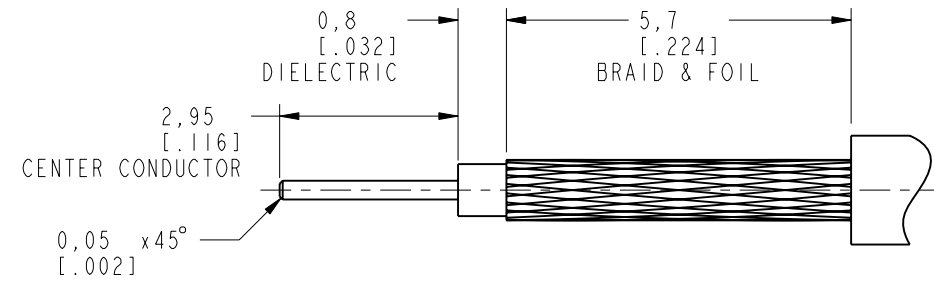
5. CABLE ASSEMBLY INSTRUCTIONS:
 - A. TRIM CABLE AS SHOWN.
 - B. SLIDE FERRULE, SPACER AND INSULATOR DISC ONTO CABLE.
 - C. SOLDER CABLE CENTER CONDUCTOR TO CONTACT.
 - D. INSERT CABLE WITH FOIL ENTERING CONNECTOR AND BRAID OVER KNURL.
 - E. CRIMP FERRULE OVER BRAID WITH .128" HEX DIE.

6 SHOWS CABLE ENTRY DIMENSIONS.

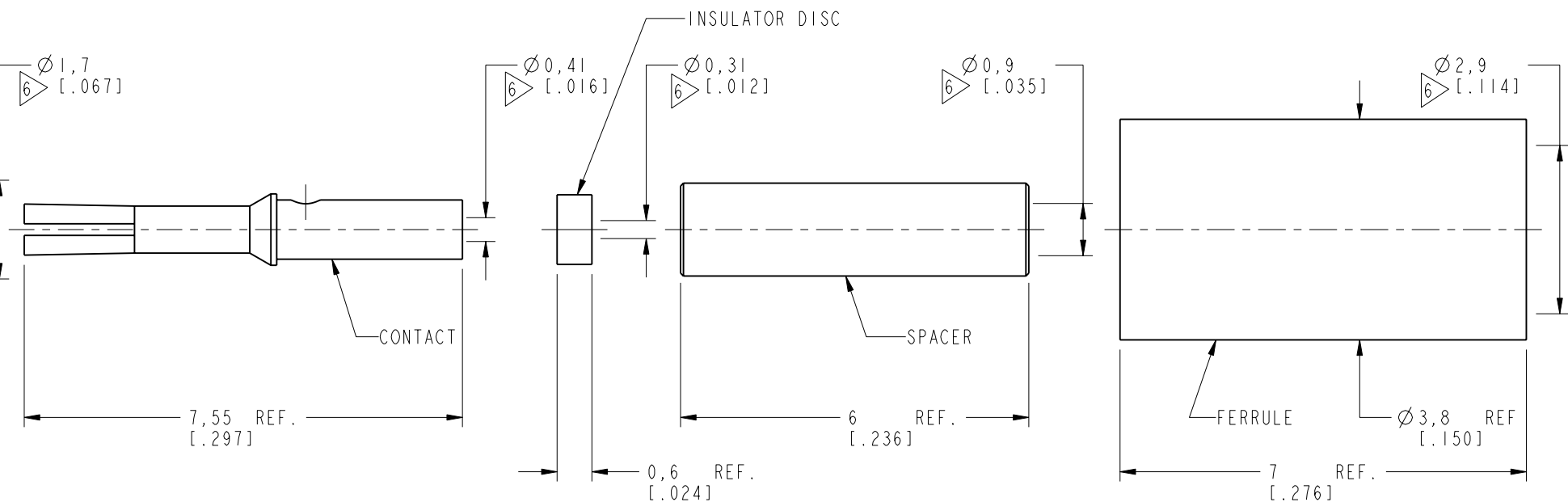
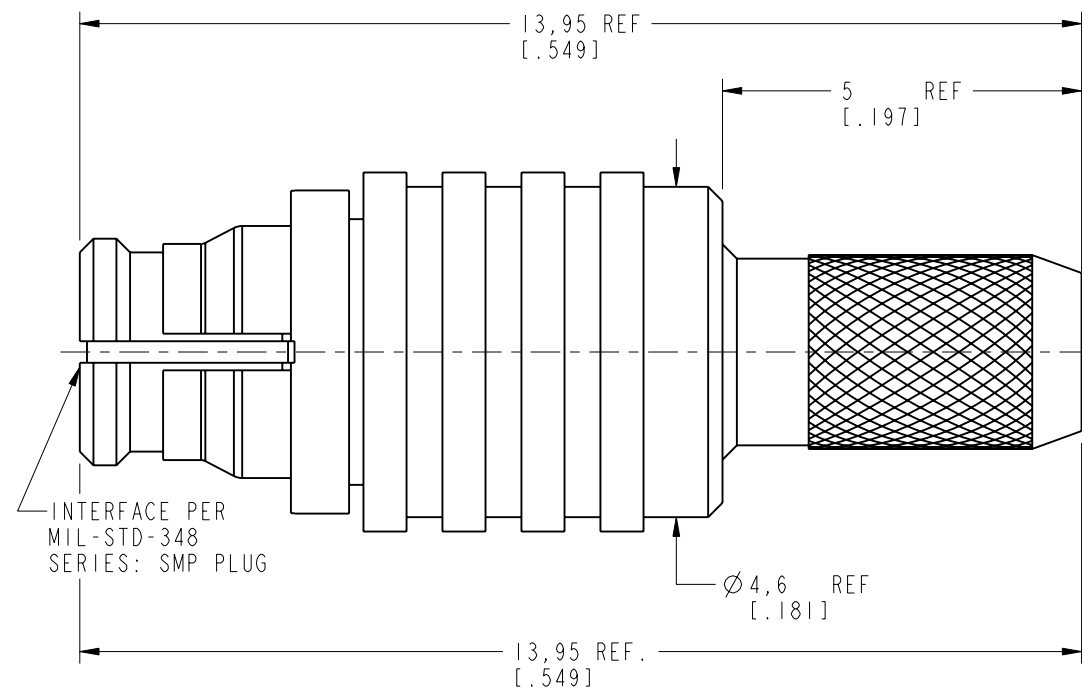
REVISIONS				
REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MFG.	18-Dec-18	10025	EH
B	UPDATED NOTE 3	07-May-19	11421	SH



SCALE 5.000



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°		MATERIAL		DRAWN		DATE		TITLE		Amphenol RF www.amphenolrf.com			
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		REFERENCE EAR# 8025 REF: SMP-FS-C08-1-R		ENGINEER		DATE							
				LOKESH P		04-Dec-17							
				APPROVED		DATE							
		CONFIGURATION LEVEL: In Work		S. HSIEH		07-May-19		SCALE: 9.5:1.0		SHEET 2 OF 2		DRAWING NO. SMP-FS-C19	
FINISH				CAD FILE				DWG SIZE		REV		ITEM NO. SMP-FS-C19	
								B		B		PART NO. SMP-FS-C19	