

NOTES:

1. MATERIALS AND FINISHES:
 BODY & SHELL - STAINLESS STEEL, PASSIVATED
 RETAINING RING - STAINLESS STEEL, NATURAL
 CONTACT - BRASS, GOLD PLATING
 FERRULE - COPPER, NICKEL PLATING
 INSULATOR & INSULATOR DISC - PEEK, NATURAL

5. CABLE ASSEMBLY INSTRUCTIONS
 A. TRIM CABLE AS SHOWN, TAKE CARE
 TO NOT DAMAGE THE FOIL
 B. SLIDE INSULATOR DISC, FERRULE ONTO CABLE.
 C. SOLDER CONTACT TO CABLE CENTER CONDUCTOR
 D. INSERT CABLE AND CONTACT CENTER CONDUCTOR UNTIL THEY BOTTOM
 WITH FOIL ENTERING CONNECTOR AND BRAID OVER KNUURL
 E. CRIMP FERRULE OVER THE BRAID WITH .213" HEX.

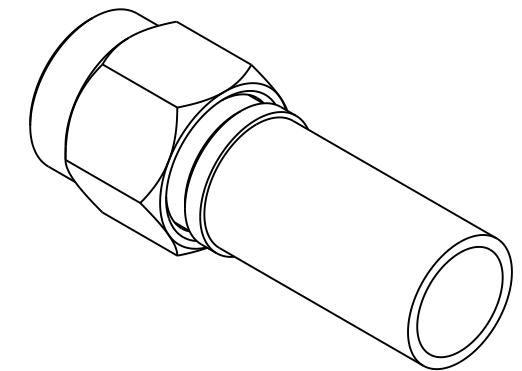
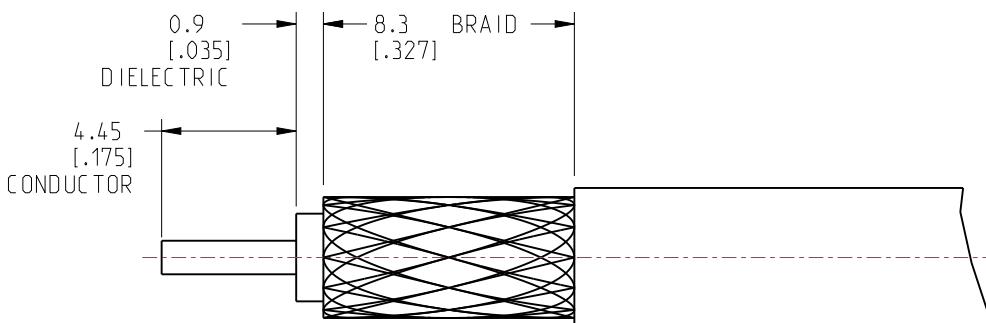
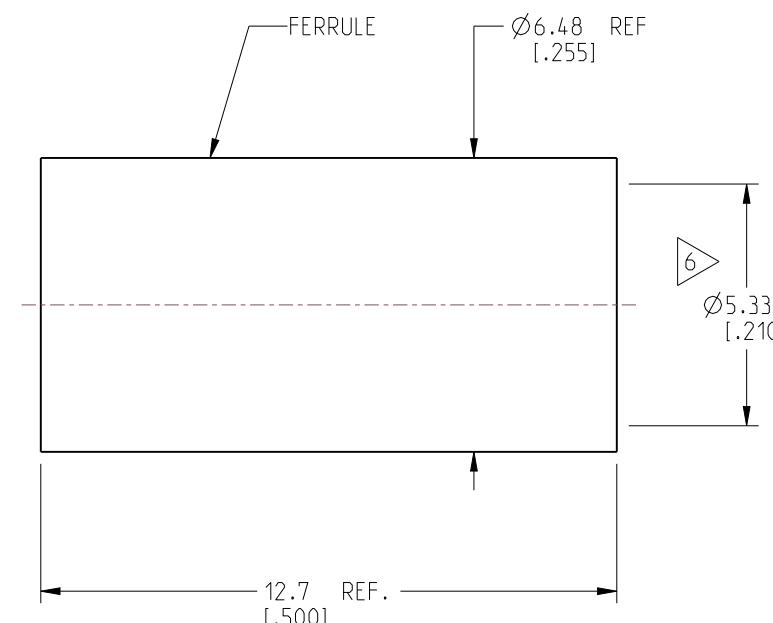
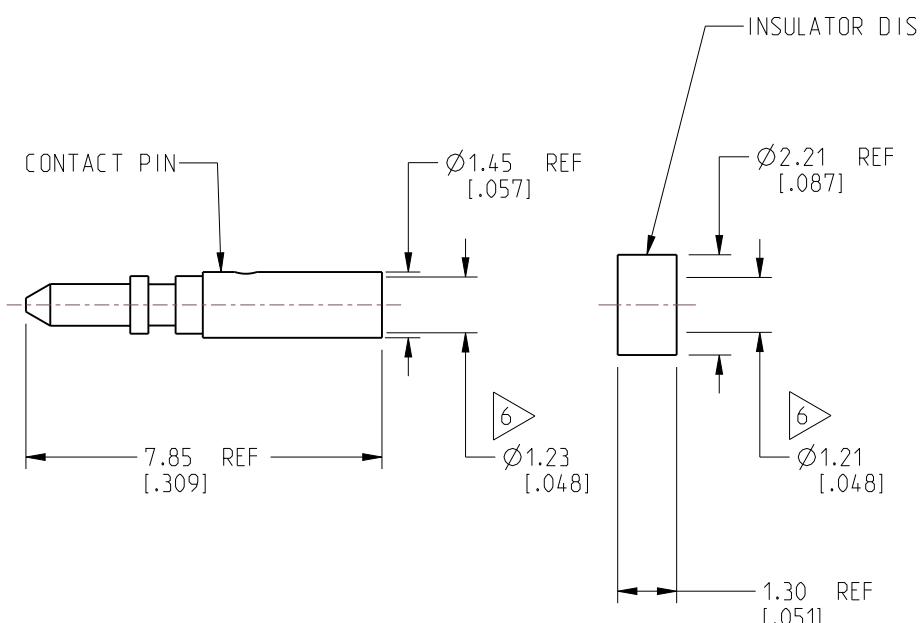
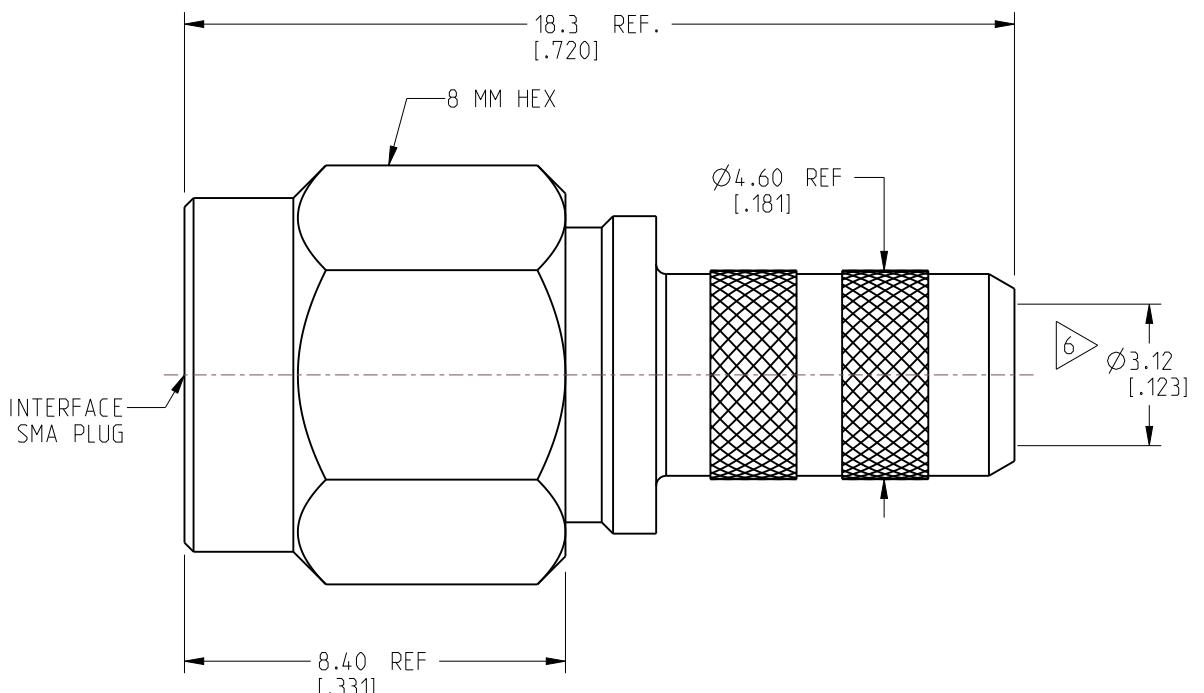
2. ELECTRICAL:
 A. IMPEDANCE: 50 OHM
 B. FREQUENCY RANGE: DC-12.4 GHz
 C. VSWR (RETURN LOSS): 1.15 (-23.127 dB) MAX. @ DC-6GHz
 D. DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS, MIN.

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

4. PACKAGING:
 A. QUANTITY: SINGLE PACK
 B. MARKING: PACKAGING TO BE MARKED
 "AMPHENOL RF, 901-30001, AND DATE CODE"

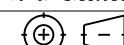
REV		DESCRIPTION	DATE	ECN	BY
A		RELEASE TO MFG.	08-Sep-25	17579	SH

6> CABLE ENTRY DIMENSIONS

RECOMMENDED
CABLE STRIPPING DIM'SCUSTOMER OUTLINE DRAWING
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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THIRD ANGLE PROJ.

REFERENCE
132113. 901-10604EAR#
12521

UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE METRIC [INCHES] AND TOLERANCES ARE:
 <0.5mm = ±0.05mm [0.020 = ±0.002]
 0.5 - 6mm = ±0.1mm [0.020 - 0.236 = ±0.004]
 >6.00 - 30mm = ±0.2mm [0.236 - 1.181 = ±0.008]
 >30.00 - 120mm = ±0.3mm [1.181 - 4.725 = ±0.012]

MATERIAL
SEE NOTES

TITLE
PFAS FREE SMA CRIMP
PLUG FOR DACAR 037

Amphenol RF

SIZE	DRAWING NO.	REV	
		ITEM NO.	PART NO.
B	901-30001	901-30001	901-30001

ANGLES = ±1°

ENGR.1
B.HUTCHINGSENGR.2
M.ZHANGDATE
25-Aug-25

SHEET NO. 2 OF 2

SCALE: 3.0:1.0