

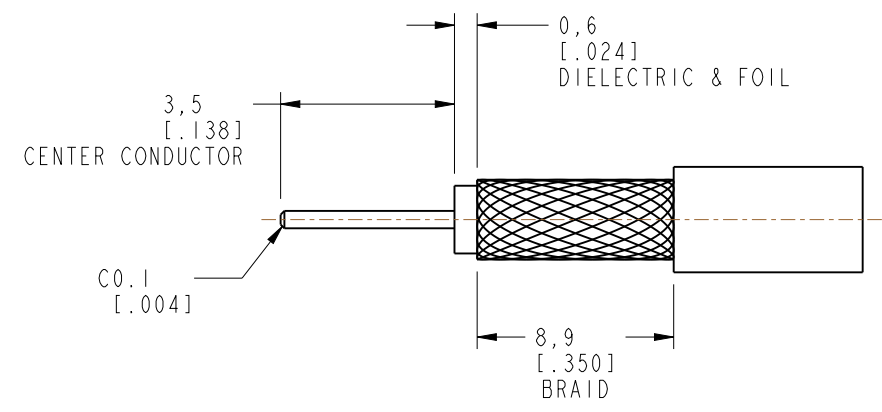
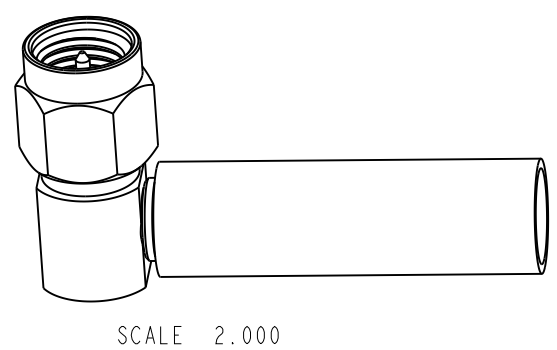
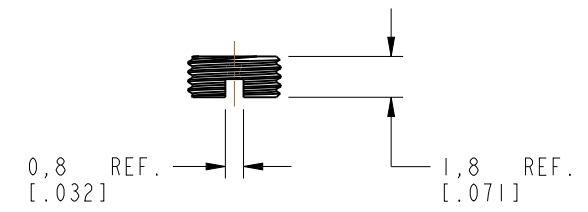
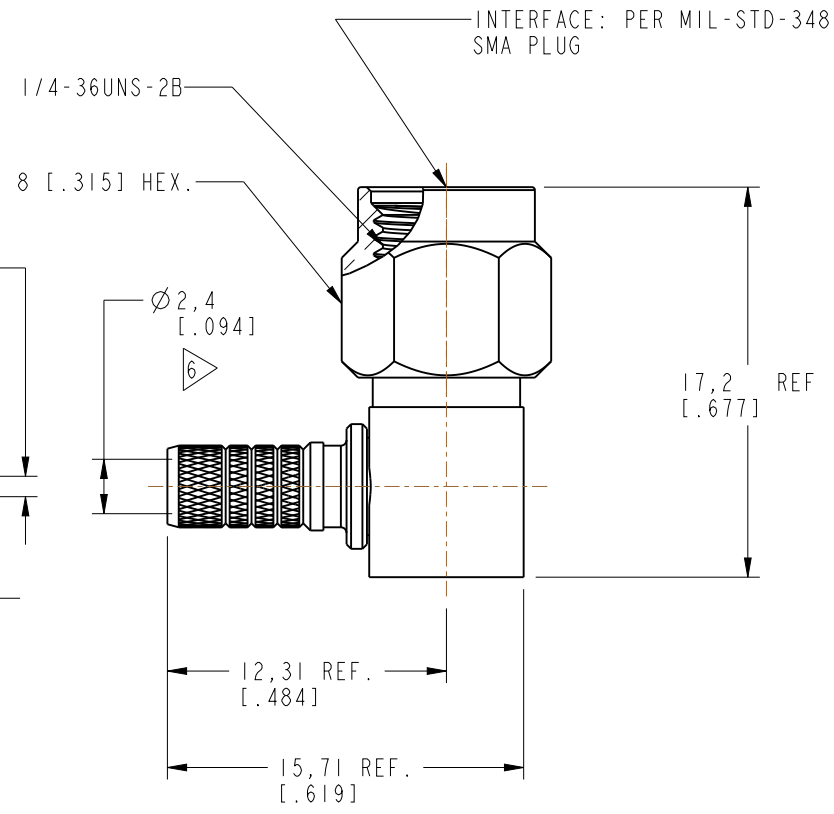
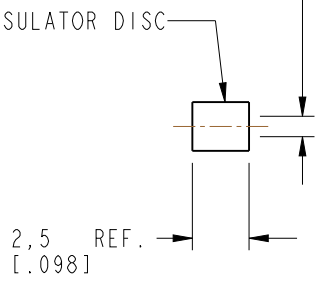
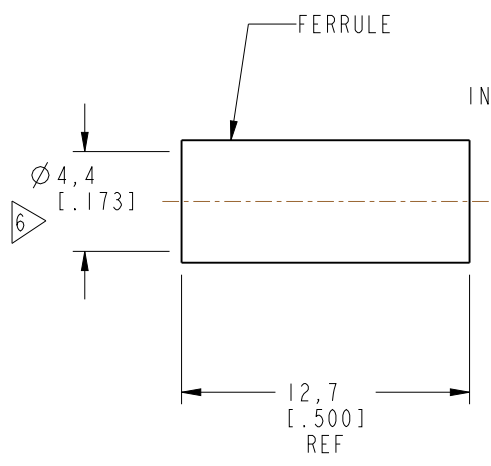
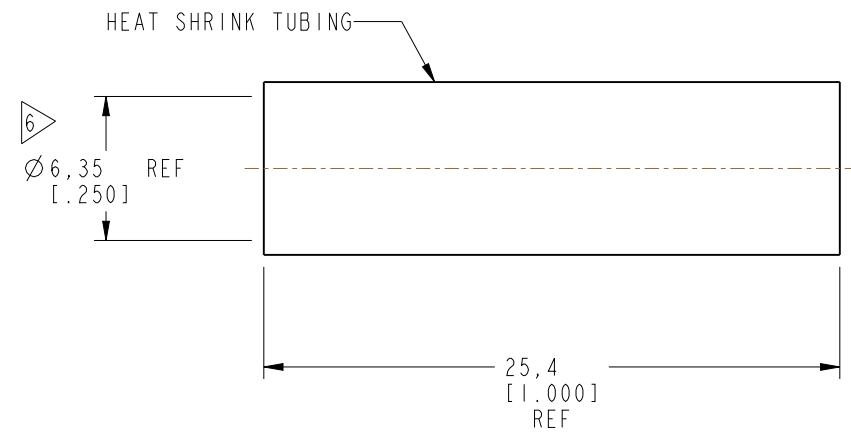
NOTES:

- 1. MATERIALS AND FINISHES:
  - FERRULE - BRASS, NICKEL PLATING
  - BODY - BRASS, NICKEL PLATING
  - CONTACT - BRASS, GOLD PLATING
  - RETAINER RING - SUS 304, NATURAL
  - GASKET - SILICONE RUBBER, RED
  - INSULATOR - PTFE, NATURAL
  - INSULATOR DISC - PTFE, NATURAL
- 2. ELECTRICAL:
  - A. IMPEDANCE: 50 OHMS
  - B. FREQUENCY RANGE: DC - 12.4 GHz
  - C. VSWR (RETURN LOSS): 1.20 (-20.83 dB) MAX. DC - 6 GHz  
1.28 (-18.22 dB) MAX. 6 - 12 GHz
  - D. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.
- 3. MECHANICAL:
  - A. DURABILITY: 500 CYCLES MIN.
  - B. TEMPERATURE RANGE: -65°C TO +165°C

- 4. INSTRUCTIONS
  - A. TRIM CABLE AS SHOWN.
  - B. SLIDE HEAT SHRINK TUBE, FERRULE & INSULATOR DISC ONTO CABLE.
  - C. INSERT CABLE, UNTIL IT BOTTOMS, WITH FOIL ENTERING CONNECTOR AND BRAID OVER KNURL.
  - D. CONTACT PIN TO SOLDER.
  - E. HAND TIGHTEN CAP AFTER SOLDERING.
  - F. CRIMPED FERRULE HEX CRIMP SIZE .178"
  - G. APPLY HEAT SHRINK TUBE OVER FERRULE.
- 5. PACKAGING:
  - A. QUANTITY: SINGLE PACK
  - B. MARKING: BAG TO BE MARKED "AMPHENOL RF, 901-10737 & DATE CODE"

6. CABLE ENTRY DIMENSIONS

REVISIONS				
REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MFG.	9-APR-21	15641	SH



RECOMMENDED CABLE STRIPPING DIMENSIONS

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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THIRD ANGLE PROJ. REFERENCE EAR# 9772

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]

ANGLES = ±1°

MATERIAL SEE BOM TABLE

ENGINEER E.WU DATE 29-MAR-21

TITLE SMA R/A PLUG C30 CABLE GROUP RTK-031, TFC 3.3mm

SHEET NO. 2 OF 2 SCALE: 6.0:1.0

Amphenol RF		SIZE B	DRAWING NO. 901-10737	REV A
			ITEM NO. 901-10737	
			PART NO. 901-10737	

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