NOTES:

1. MATERIALS AND FINISHES:
   BODY, BULLET CONTACT, COUPLING NUT,
   INNER FERRULE & SLEEVE - BRASS, GOLD PLATING
   CONTACT - BERYLLIUM COPPER, GOLD PLATING
   INSULATOR & INSULATOR DISC - PTFE, NATURAL
   RETAINING RING - STAINLESS STEEL, NATURAL
   GASKET - SILICONE RUBBER, RED

2. ELECTRICAL:
   A. IMPEDANCE: 50 OHM
   B. FREQUENCY RANGE: DC - 7.1 GHz
   C. VSWR: 1.30 MAX. @ DC - 3 GHz
      1.50 MAX. @ 3 - 6 GHz
   D. DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS, MIN.

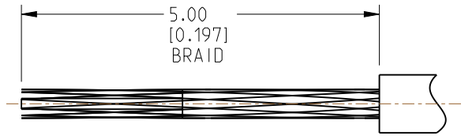
3. MECHANICAL:
   A. DURABILITY: 500 CYCLES MIN.
   B. TEMPERATURE RANGE: -65°C TO +165°C

4. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: PACKAGING TO BE MARKED
      "AMPHENOL RF, 901-10751 & DATE CODE"

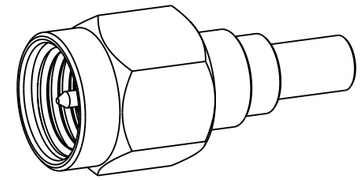
5. CABLE ASSEMBLY INSTRUCTIONS:
   A. TRIM CABLE AS SHOWN (TWO STAGE TRIM).
   B. INSERT CABLE THROUGH INNER FERRULE AND PEEL BRAID BACK, OVER INNER FERRULE
   C. INSTALL SLEEVE AND INSULATOR DISC OVER CABLE, BOTTOMING ON INNER FERRULE.
   D. SOLDER CONTACT TO CABLE CENTER CONDUCTOR, BOTTOMING ON INSULATOR DISC.
   E. INSERT CABLE INTO CONNECTOR UNTIL IT BOTTOMS.
   F. CRIMP BODY OVER INNER FERRULE USING 0.105" HEX.

6 SHOWS CABLE ENTRY DIMENSIONS

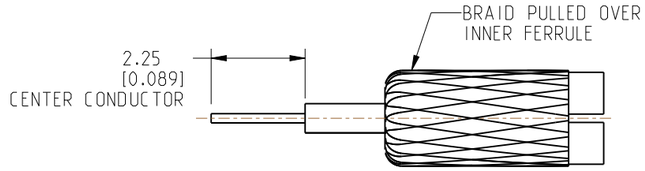
REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	07-OCT-24	17185	SH



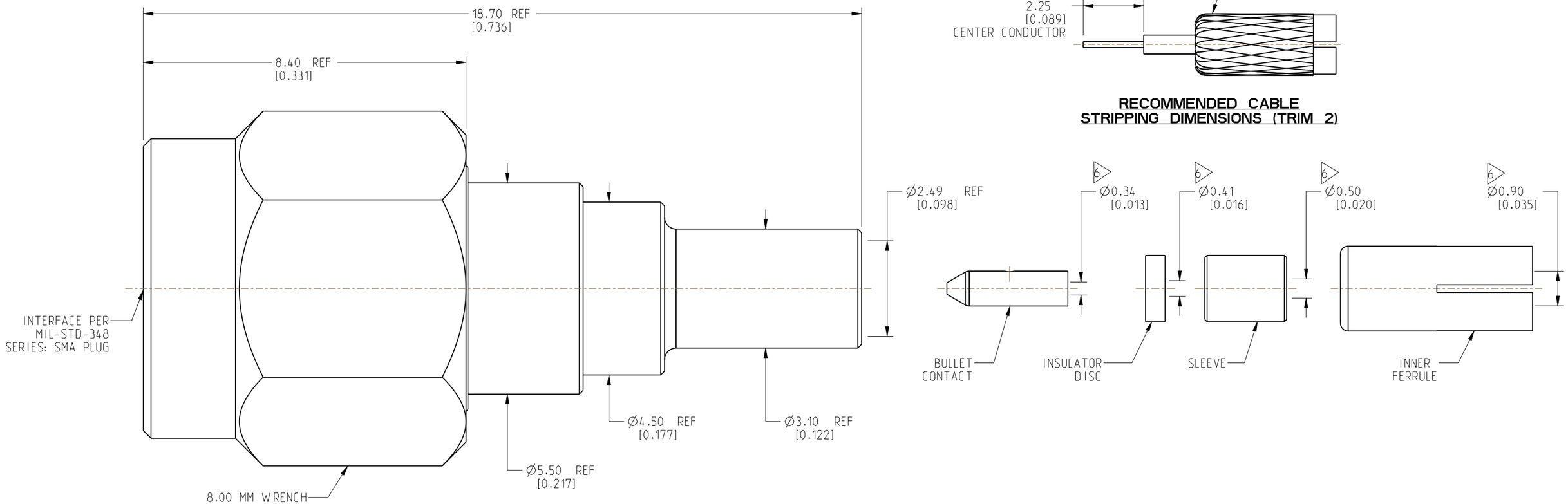
RECOMMENDED CABLE STRIPPING DIMENSIONS (TRIM 1)



SCALE 3.000



RECOMMENDED CABLE STRIPPING DIMENSIONS (TRIM 2)



CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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THIRD ANGLE PROJ.

REFERENCE	EAR#
	10126

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 NOTES

ENGR.1	ENGR.2	DATE
VIJI K	M.ZHANG	30-Aug-24

TITLE: SMA STR PLUG FOR 0.81 MM CABLE

SHEET NO. 2 OF 2 | SCALE: 10.0:1.0

Amphenol RF

SIZE	DRAWING NO.	REV
B	901-10751	A
	ITEM NO. 901-10751	
	PART NO. 901-10751	