NOTES:

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

2. ELECTRICAL:
   A. IMPEDANCE: 50 OHM
   B. FREQUENCY RANGE: DC - 9 GHz
   C. VSWR: 1.30 MAX. @ DC - 3 GHz
   1.40 MAX. @ 3 - 6 GHz
   1.65 MAX. @ 6 - 7.1 GHz
   D. DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS, MIN.

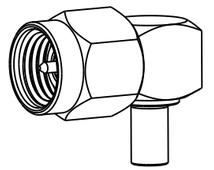
3. MECHANICAL:
   A. DURABILITY: 500 CYCLES MIN.
   B. TEMPERATURE : -65°C TO +165°C

4. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: PACKAGING TO BE MARKED.
   "AMPHENOL RF, 901-10759 & DATE CODE"

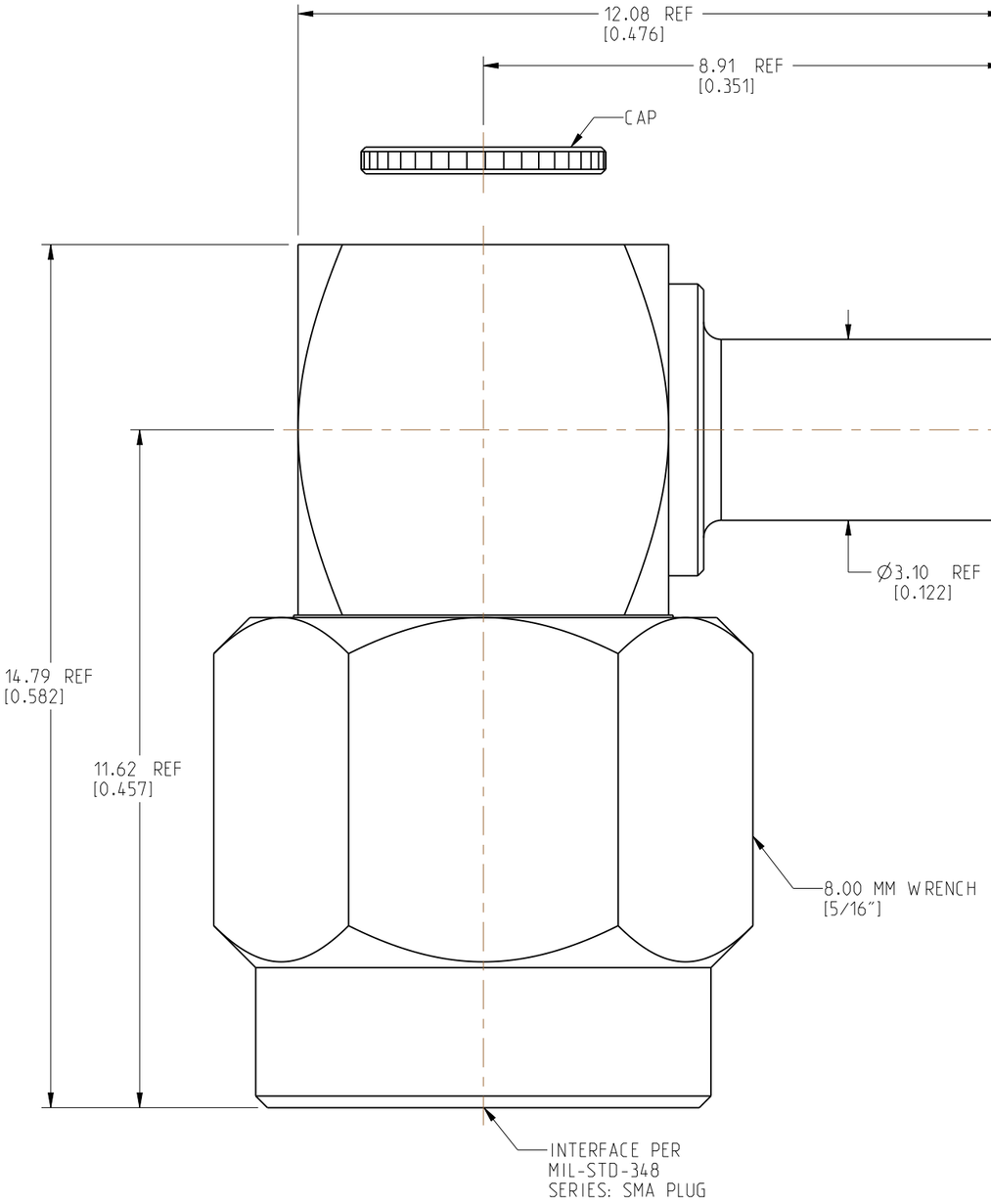
5. CABLE ASSEMBLY INSTRUCTIONS:
   A. TRIM CABLE AS SHOWN (TWO STAGE TRIM).
   B. INSERT CABLE THROUGH INNER FERRULE AND PEEL BRAID BACK, OVER INNER FERRULE
   C. INSERT CABLE INTO THE CONNECTOR.
   D. SOLDER CONTACT TO CABLE CENTER CONDUCTOR.
   E. CRIMP BODY OVER INNER FERRULE USING 0.105" HEX.
   F. PRESS CAP FLUSH.

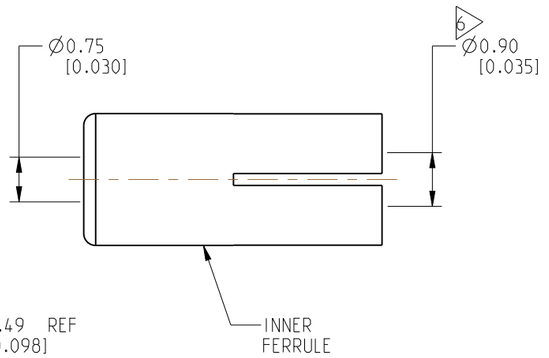
6 SHOWS CABLE ENTRY DIMENSIONS.

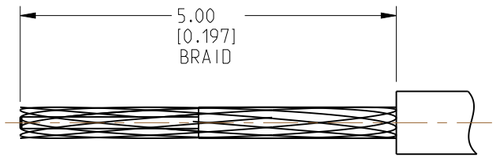
REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	07-OCT-24	17185	SH



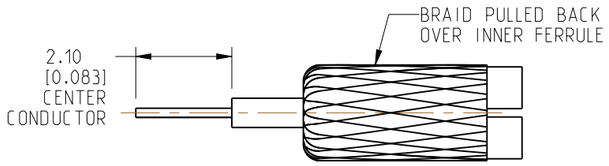
SCALE 2.000







RECOMMENDED CABLE STRIPPING DIMENSIONS (TRIM 1)



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#
	10130

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
R KARTHIK	M.ZHANG	30-Aug-24

TITLE: SMA RA PLUG FOR 0.81 MM CABLE

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

Amphenol RF

SIZE	DRAWING NO.	REV
B	901-10759	A
	ITEM NO. 901-10759	
	PART NO. 901-10759	