NOTES:

1. MATERIALS AND FINISHES:
   BODY, BULLET CONTACT, SLEEVE, INNER FERRULE, HEX NUT & LOCK WASHER - BRASS, GOLD PLATING
   CONTACT - BeCu, GOLD PLATING
   INSULATOR & INSULATOR DISC - PTFE, NATURAL
   GASKET & O-RING - SILICONE RUBBER, RED

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

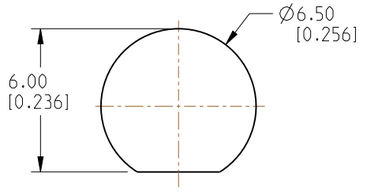
3. MECHANICAL:
   A. DURABILITY: 500 CYCLES MIN.
   B. TEMPERATURE RANGE: -65°C TO +165°C
   C. SEALING: MEETS IP-67 REQUIREMENTS IN UNMATED CONDITION

4. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: PACKAGING TO BE MARKED
      "AMPHENOL RF, 901-10793 & DATE CODE"

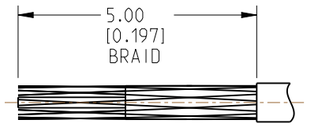
5. CABLE ASSEMBLY INSTRUCTIONS:
   A. TRIM CABLE AS SHOWN.
   B. INSERT CABLE THROUGH INNER FERRULE AND PEEL BRAID BACK, OVER INNER FERRULE.
   C. INSTALL SLEEVE AND INSULATOR DISC OVER CABLE, BOTTOMING ON INNER FERRULE.
   D. SOLDER BULLET CONTACT TO CABLE CENTER CONDUCTOR, BOTTOMING ON INSULATOR DISC.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

6 SHOWS CABLE ENTRY DIMENSIONS.

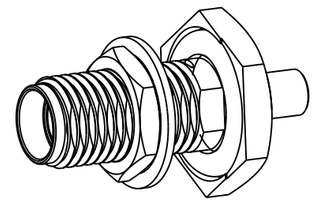
REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	27-APR-23	16648	SH



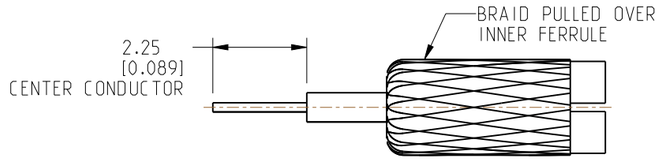
RECOMMENDED MOUNTING HOLE DIMENSIONS



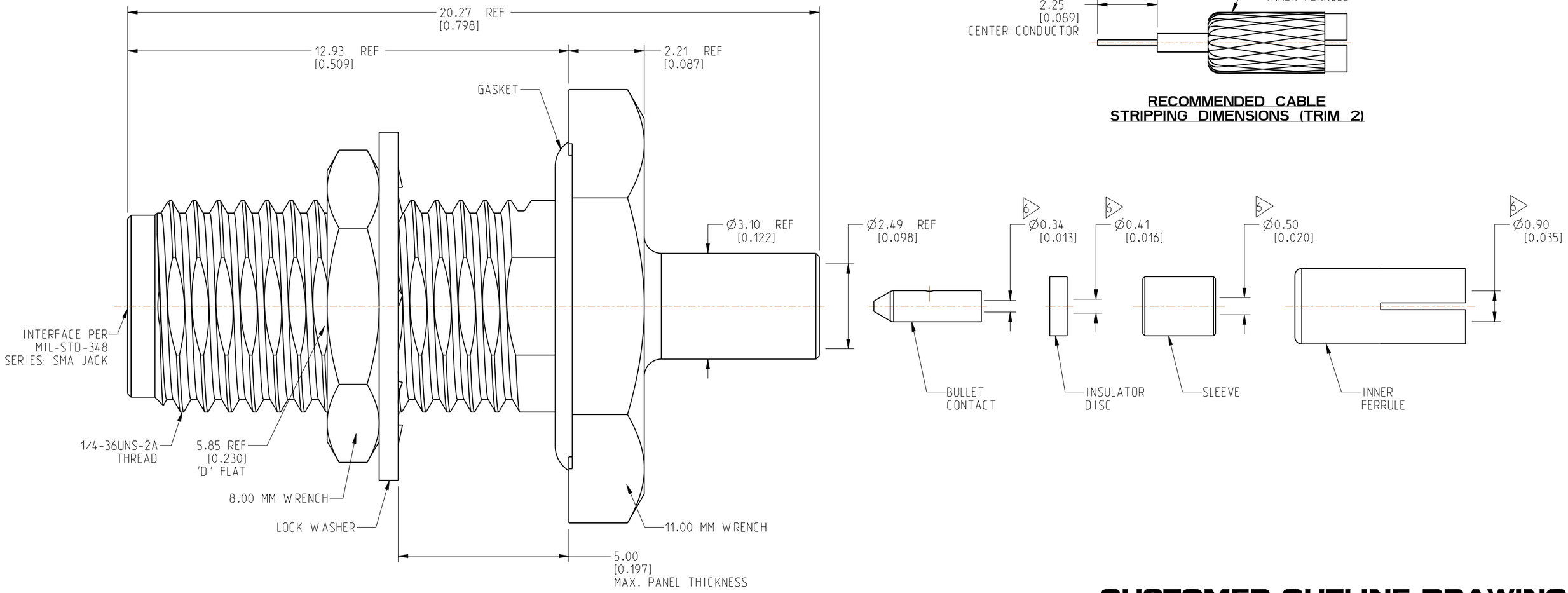
RECOMMENDED CABLE STRIPPING DIMENSIONS (TRIM 1)



SCALE 2.500



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#
	10155

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			TITLE	
SEE NOTES			SMA STR BHD JACK IP 67 FOR 0.81 MM CABLE	
ENGR.1 MADHAN G	ENGR.2 JACK LIANG	DATE 22-MAR-21	SHEET NO. 2 OF 2	SCALE: 9.0:1.0

Amphenol RF

SIZE	DRAWING NO.	REV
B	901-10793	A
	ITEM NO. 901-10793	
	PART NO. 901-10793	