NOTES:

1. MATERIALS AND FINISHES:
   BODY AND BULLET CONTACT - BRASS, GOLD PLATING
   LOCK WASHER AND HEX NUT - BRASS, GOLD PLATING
   CONTACT - BeCu, GOLD PLATING
   FERRULE - COPPER ALLOY, NICKEL PLATING
   INSULATOR - PTFE, NATURAL
   GASKET AND 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.

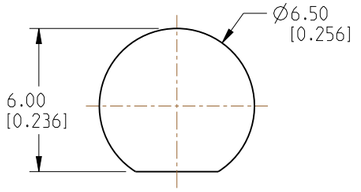
3. MECHANICAL:
   A. DURABILITY: 500 CYCLES MIN.
   B. TEMPERATURE RANGE: -65°C TO +165°C
   C. SEALING: MEETS IP-67 REQUIREMENTS IN UNMATED CONDITION

4. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: PACKAGING TO BE MARKED
      "AMPHENOL RF, 901-10799 DATE CODE"

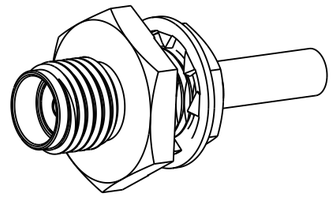
5. CABLE ASSEMBLY INSTRUCTIONS:
   A. TRIM CABLE AS SHOWN.
   B. SLIDE FERRULE ONTO CABLE.
   C. SOLDER CABLE CENTER CONDUCTOR TO BULLET CONTACT.
   D. INSERT CABLE WITH FOIL ENTERING CONNECTOR AND BRAID OVER KNURL.
   E. CRIMP FERRULE OVER BRAID WITH 0.105" HEX.

6. SHOWS CABLE ENTRY DIMENSIONS.

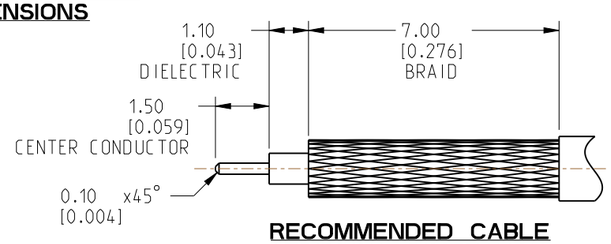
REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	20-JUL-22	16359	SH
B	0.105" HEX WAS 0.110" HEX AND LOCK WASHER AND HEX NUT PLATING CHANGE TO GOLD	11-DEC-23	16848	SH



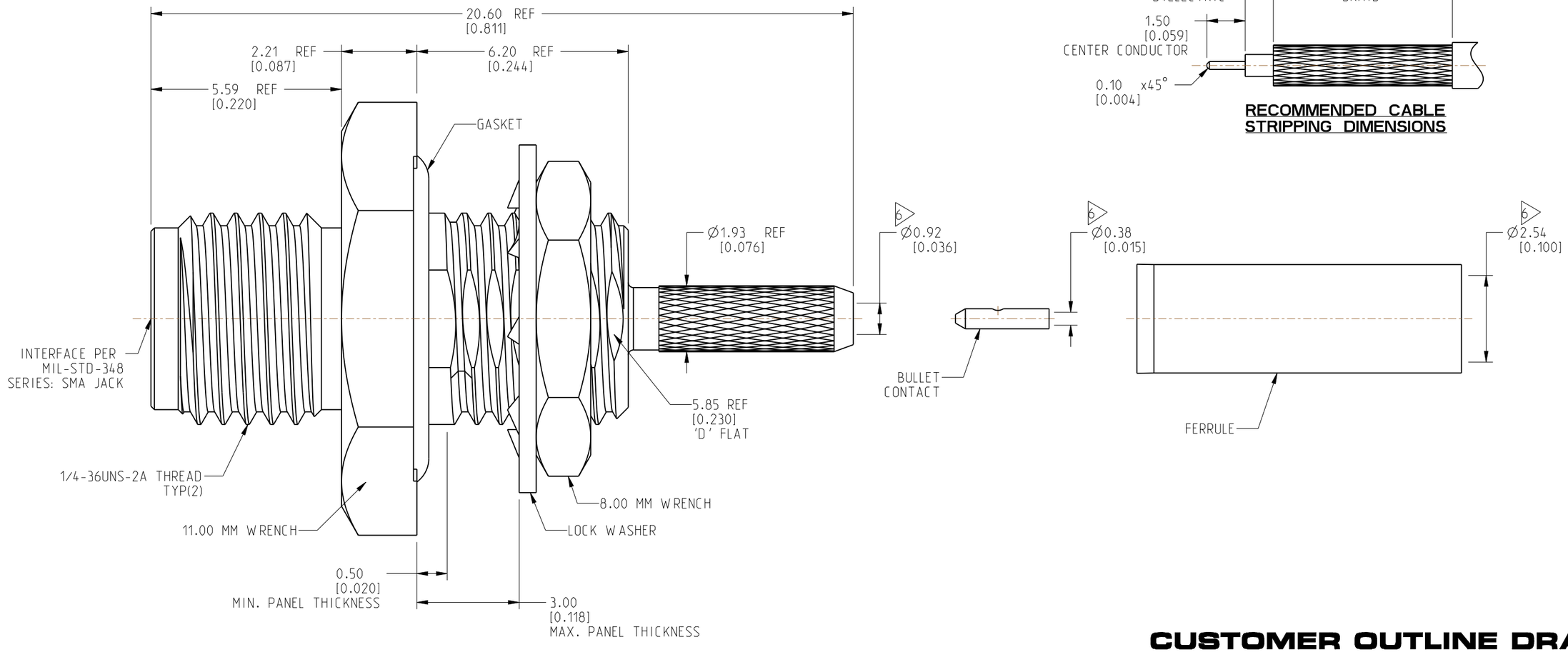
RECOMMENDED MOUNTING HOLE DIMENSIONS



SCALE 2.500



RECOMMENDED CABLE STRIPPING DIMENSIONS



CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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THIRD ANGLE PROJ.

REFERENCE	EAR#
	10156

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
KRISHNA S	WIKI	23-MAR-21

TITLE: SMA STR BHD JACK IP 67 FRONT MOUNT FOR RG 178 CABLE

SHEET NO. 2 OF 2 | SCALE: 8.0:1.0

Amphenol RF

SIZE	DRAWING NO.	REV
B	901-10799	B
	ITEM NO. 901-10799	
	PART NO. 901-10799	