NOTES:

1. MATERIALS AND FINISHES:
   BODY, BULLET CONTACT, LOCK WASHER AND HEX NUT - BRASS, GOLD PLATING
   CONTACT - BeCu, GOLD PLATING
   FERRULE - COPPER, GOLD 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.

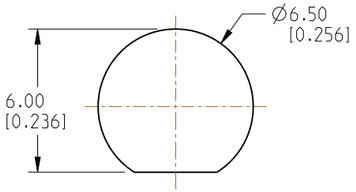
3. MECHANICAL:
   A. DURABILITY: 500 CYCLES MIN.
   B. TEMPERATURE RANGE: -65°C TO +165°C
   C. SEALING: MEETS IP-67 REQUIREMENTS IN UNMATED CONDITION.

4. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: PACKAGING TO BE MARKED
      "AMPHENOL RF, 901-10807 AND DATE CODE"

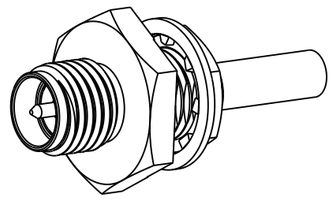
5. CABLE ASSEMBLY INSTRUCTIONS:
   A. TRIM CABLE AS SHOWN.
   B. SLIDE FERRULE ONTO CABLE.
   C. SOLDER CABLE CENTER CONDUCTOR TO BULLET CONTACT.
   D. INSERT CABLE WITH FOIL ENTERING CONNECTOR AND BRAID OVER KNURL.
   E. CRIMP FERRULE OVER BRAID WITH 0.105" HEX.

6 SHOWS CABLE ENTRY DIMENSIONS.

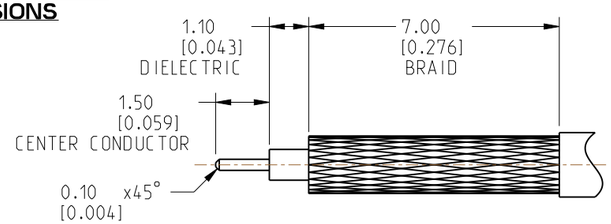
REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	14-DEC-23	16853	SH



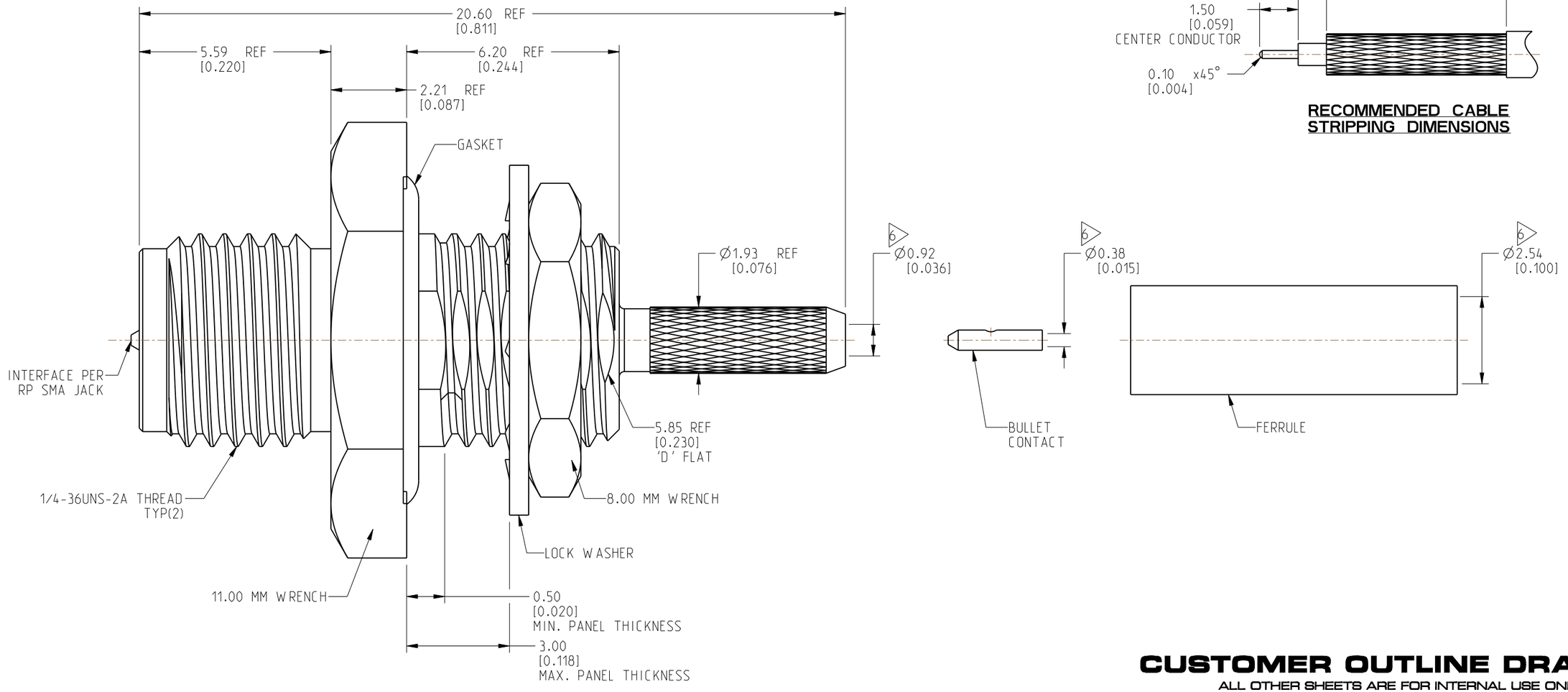
RECOMMENDED MOUNTING HOLE DIMENSIONS



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	
VIJAY N M	M.ZHANG	28-SEP-23	

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

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

Amphenol RF

SIZE	DRAWING NO.	REV
B	901-10807	A
	ITEM NO. 901-10807	
	PART NO. 901-10807	