NOTES:

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

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

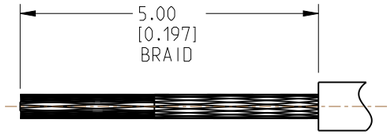
3. MECHANICAL:
   A. DURABILITY: 500 CYCLES MIN.
   B. TEMPERATURE RANGE: -65°C TO +165°C
   C. SEALING: MEETS IP-67 REQUIREMENTS IN UNMATED CONDITION

4. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: PACKAGING TO BE MARKED
   "AMPHENOL RF, 901-10804 AND DATE CODE"

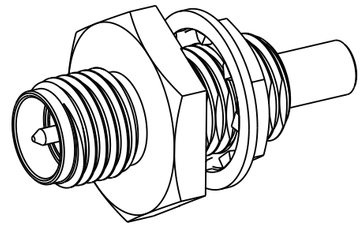
5. CABLE ASSEMBLY INSTRUCTIONS:
   A. TRIM CABLE AS SHOWN (TWO STAGE TRIM).
   B. INSERT CABLE THROUGH INNER FERRULE AND PEEL BRAID BACK, OVER INNER FERRULE.
   C. INSTALL SLEEVE AND INSULATOR DISC OVER CABLE, BOTTOMING ON INNER FERRULE.
   D. SOLDER BULLET CONTACT TO CABLE CENTER CONDUCTOR, BOTTOMING 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.

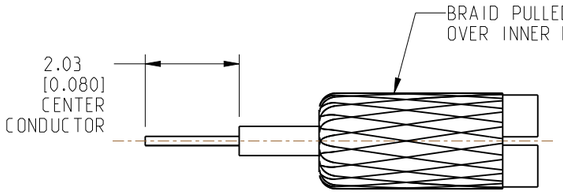
REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	14-DEC-23	16853	SH



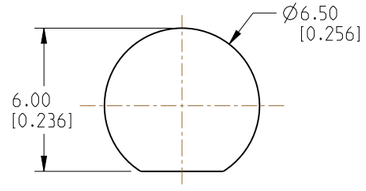
RECOMMENDED CABLE STRIPPING DIMENSIONS (TRIM 1)



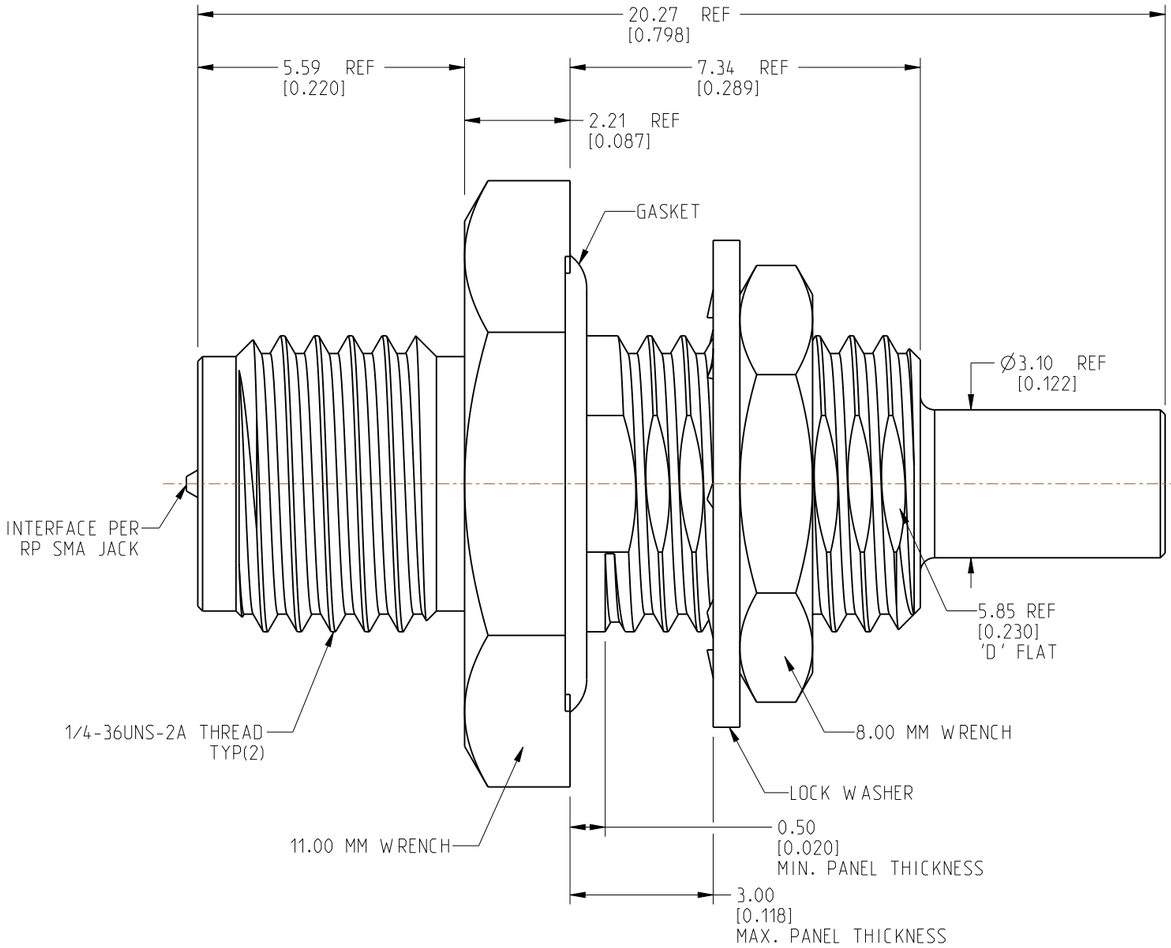
SCALE 3.000

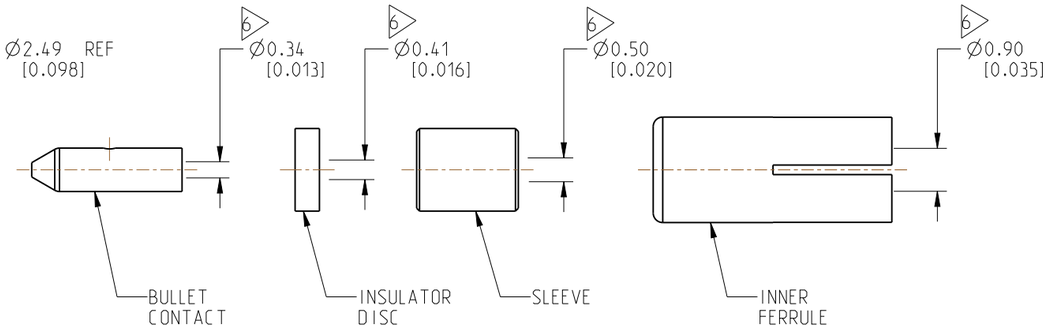


RECOMMENDED CABLE STRIPPING DIMENSIONS (TRIM 2)



RECOMMENDED MOUNTING HOLE 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 0.81 MM CABLE

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

Amphenol RF

SIZE	DRAWING NO.	REV
B	901-10804	A
	ITEM NO. 901-10804	
	PART NO. 901-10804	