

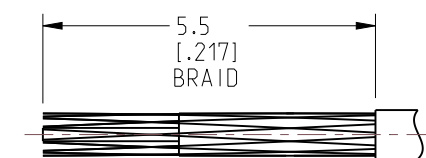
NOTES:

- 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
- ELECTRICAL:**
  - IMPEDANCE: 50 OHM
  - FREQUENCY: DC - 7.1 GHz
  - VSWR: 1.20 MAX. DC - 3 GHz  
 1.30 MAX. 3 - 6 GHz  
 1.40 MAX. 6 - 7.1 GHz
  - DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS, MIN.
- MECHANICAL:**
  - DURABILITY: 500 CYCLES MIN.
  - TEMPERATURE RANGE: -65°C TO +165°C
  - SEALING: MEETS IP-67 REQUIREMENTS IN UNMATED CONDITION.

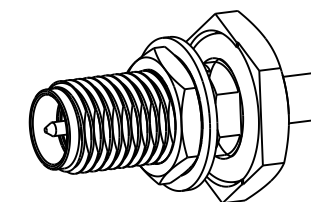
- PACKAGING:**
  - QUANTITY: SINGLE PACK
  - MARKING: PACKAGING TO BE MARKED "AMPHENOL RF, 901-10802 & DATE CODE"
- CABLE ASSEMBLY INSTRUCTIONS:**
  - TRIM CABLE AS SHOWN (TWO STAGE TRIM).
  - INSERT CABLE THROUGH INNER FERRULE AND PEEL BRAID BACK, OVER INNER FERRULE.
  - INSTALL SLEEVE AND INSULATOR DISC OVER CABLE, BOTTOMING ON INNER FERRULE.
  - SOLDER BULLET CONTACT TO CABLE CENTER CONDUCTOR, BOTTOMING ON INSULATOR DISC.
  - INSERT CABLE INTO CONNECTOR UNTIL IT BOTTOMS.
  - CRIMP BODY OVER INNER FERRULE USING .105" HEX.

6 SHOWS CABLE ENTRY DIMENSIONS.

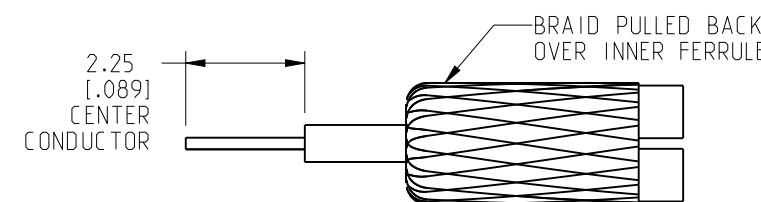
REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	11-OCT-22	16443	SH



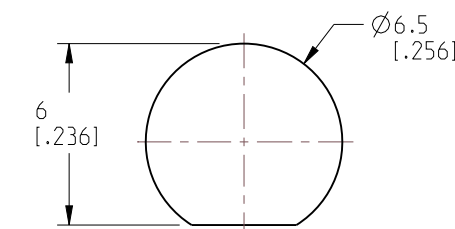
**RECOMMENDED CABLE STRIPPING DIMENSIONS (TRIM 1)**



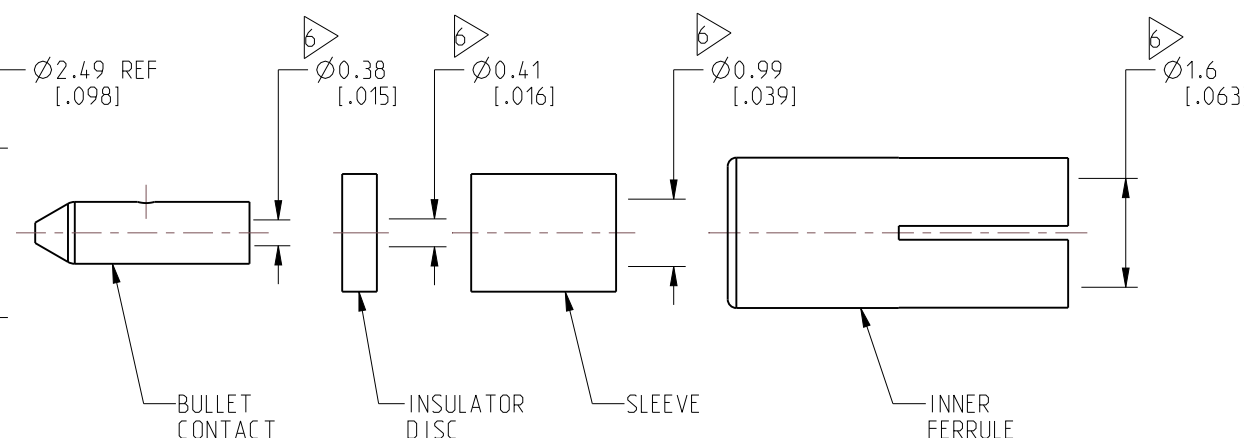
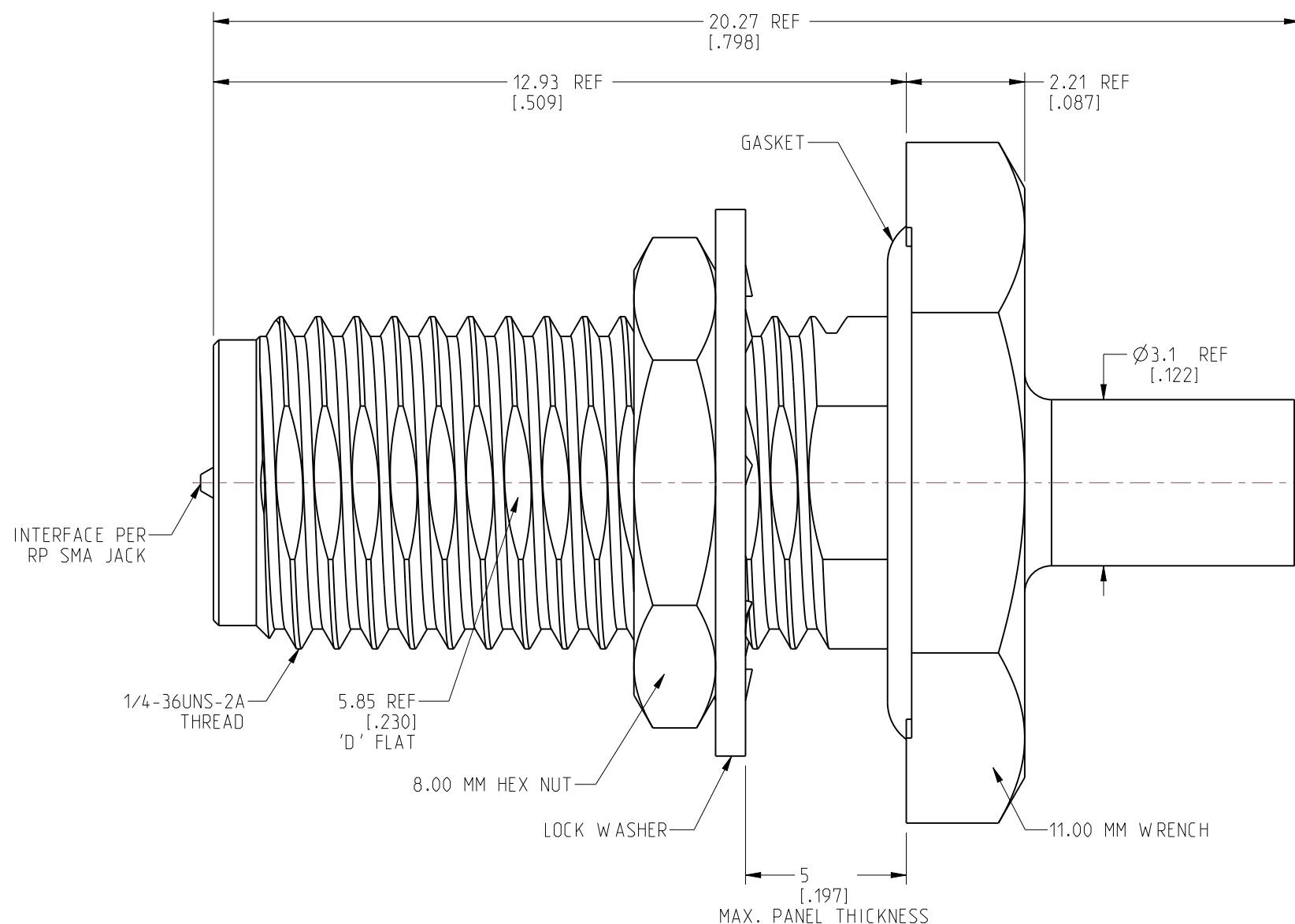
SCALE 2.000



**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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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]

MATERIAL  
 SEE NOTES

TITLE  
 RP SMA STR BHD JACK IP 67 FOR 1.37 MM CABLE

SIZE B		DRAWING NO. 901-10802		REV A
		ITEM NO. 901-10802		
		PART NO. 901-10802		

THIRD ANGLE PROJ.	REFERENCE	EAR# 10155
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ENGR.1 CLEMENT	ENGR.2 JACK LIANG	DATE 09-APR-21	SHEET NO. 2 OF 2	SCALE: 9.0:1.0
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