

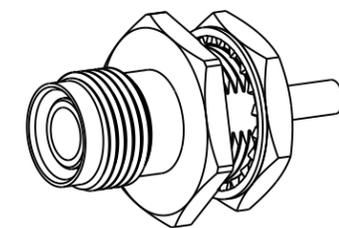
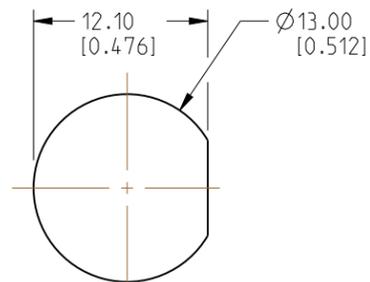
NOTES:

- 1. MATERIALS AND FINISHES:  
 BODY, HEX NUT AND LOCK WASHER - BRASS, NICKEL PLATING  
 CONTACT - BeCu, GOLD PLATING  
 BULLET CONTACT - BRASS, GOLD PLATING  
 INSULATOR - PTFE, NATURAL  
 O-RING - SILICONE RUBBER, RED  
 FERRULE - COPPER, NICKEL PLATING
- 2. ELECTRICAL:  
 A. IMPEDANCE: 50 OHM  
 B. FREQUENCY RANGE: DC - 9 GHz  
 C. VSWR: 1.30 MAX. @ DC - 3 GHz  
 1.40 MAX. @ 3 - 6 GHz  
 1.50 MAX. @ 6 - 9 GHz  
 D. DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS, MIN.

- 4. PACKAGING:  
 A. QUANTITY: SINGLE PACK  
 B. MARKING: PACKAGING TO BE MARKED  
 "AMPHENOL RF, 31-6977 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.

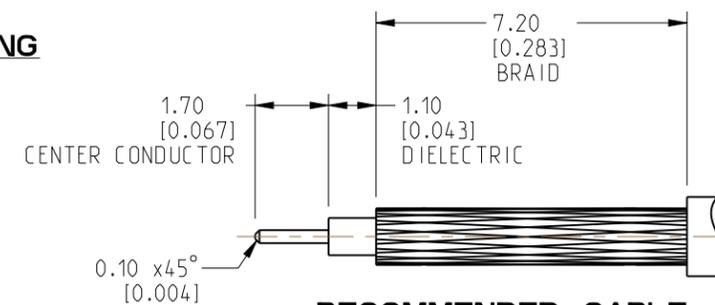
REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	07-JUN-24	17058	SH



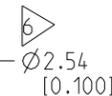
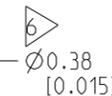
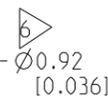
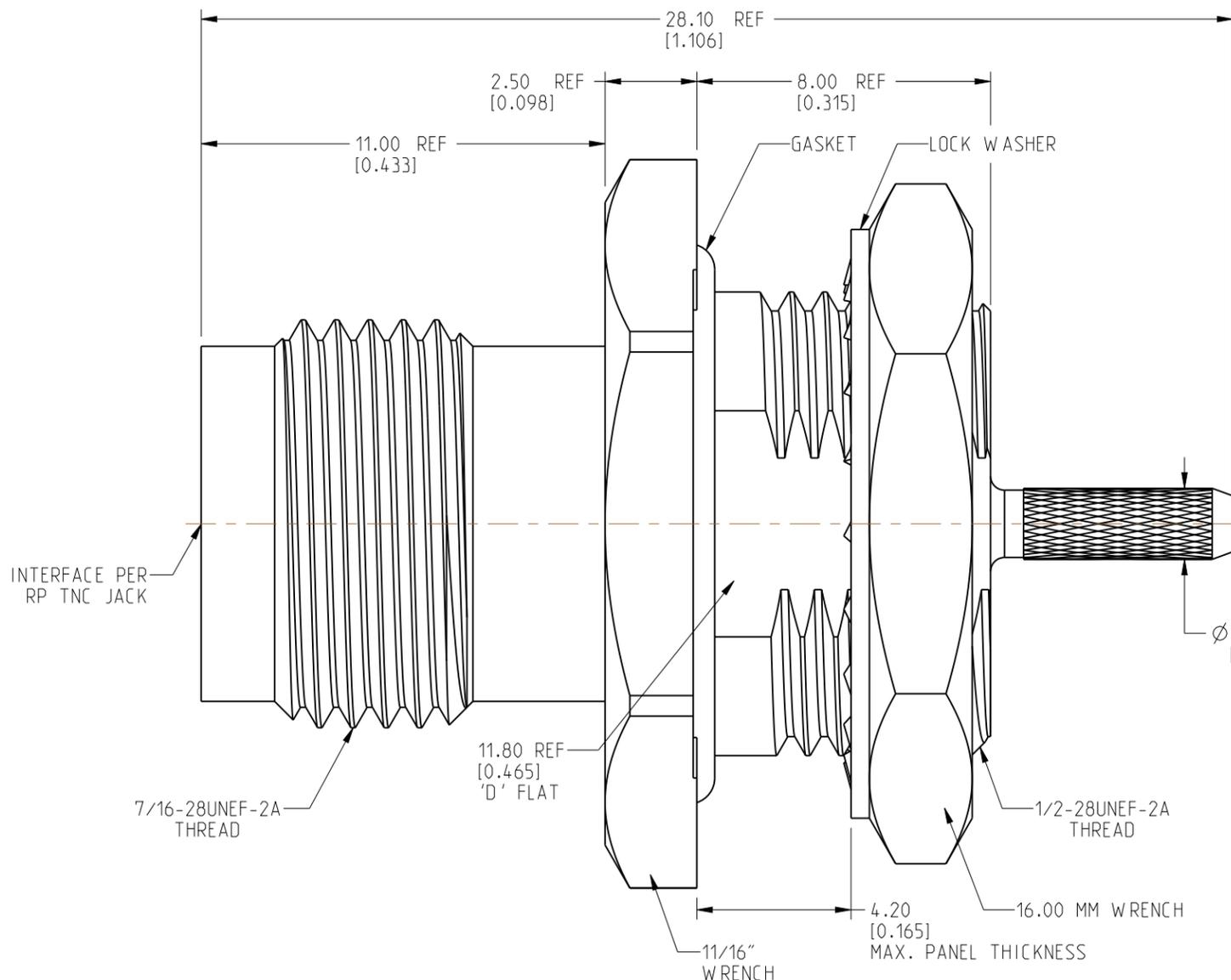
SCALE 1.500

- 3. MECHANICAL:  
 A. DURABILITY: 500 CYCLES MIN.  
 B. TEMPERATURE RANGE: -65°C TO +165°C

RECOMMENDED MOUNTING HOLE DIMENSIONS



RECOMMENDED CABLE STRIPPING 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  
 ENGR.1 VIJI K ENGR.2 M.ZHANG DATE 22-FEB-21

TITLE: RP TNC STR BHD JACK FRONT MOUNT FOR RG 178 CABLE  
 SHEET NO. 2 OF 2 SCALE: 6.0:1.0

Amphenol RF		SIZE	DRAWING NO. 31-6977	REV
		B	ITEM NO. 31-6977	
			PART NO. 31-6977	A

THIRD ANGLE PROJ.	REFERENCE	EAR# 10198
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