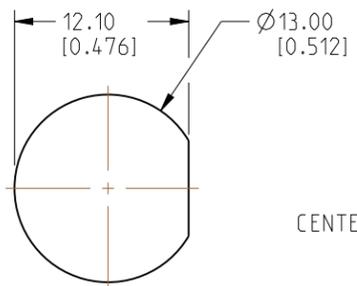


NOTES:

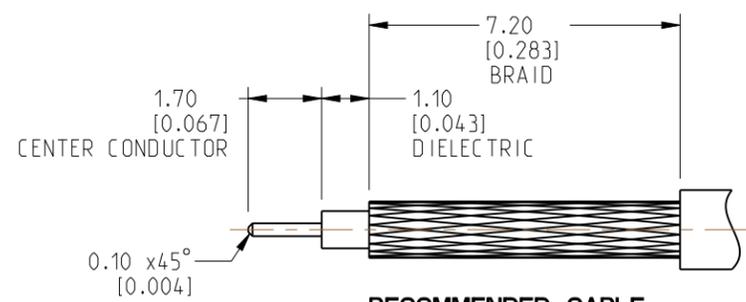
- MATERIALS AND FINISHES:**
 BODY, HEX NUT AND LOCK WASHER - BRASS, NICKEL PLATING
 CONTACT - BeCu, GOLD PLATING
 BULLET CONTACT - BRASS, GOLD PLATING
 INSULATOR - PTFE, NATURAL
 O-RING AND GASKET - SILICONE RUBBER, RED
 FERRULE - COPPER, NICKEL PLATING
- ELECTRICAL:**
 A. IMPEDANCE: 50 OHM
 B. FREQUENCY RANGE: DC - 9 GHz
 C. VSWR: 1.30 MAX. @ DC - 3 GHz
 1.40 MAX. @ 3 - 9 GHz
 D. DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS, MIN.
- MECHANICAL:**
 A. DURABILITY: 500 CYCLES MIN.
 B. TEMPERATURE RANGE: -65°C TO +165°C
 C. SEALING: MEETS IP-67 REQUIREMENTS IN UNMATED CONDITION

- PACKAGING:**
 A. QUANTITY: SINGLE PACK
 B. MARKING: PACKAGING TO BE MARKED
 "AMPHENOL RF, 31-7003 & DATE CODE"
 - 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 0.110" HEX.
- 6 SHOWS CABLE ENTRY DIMENSIONS.

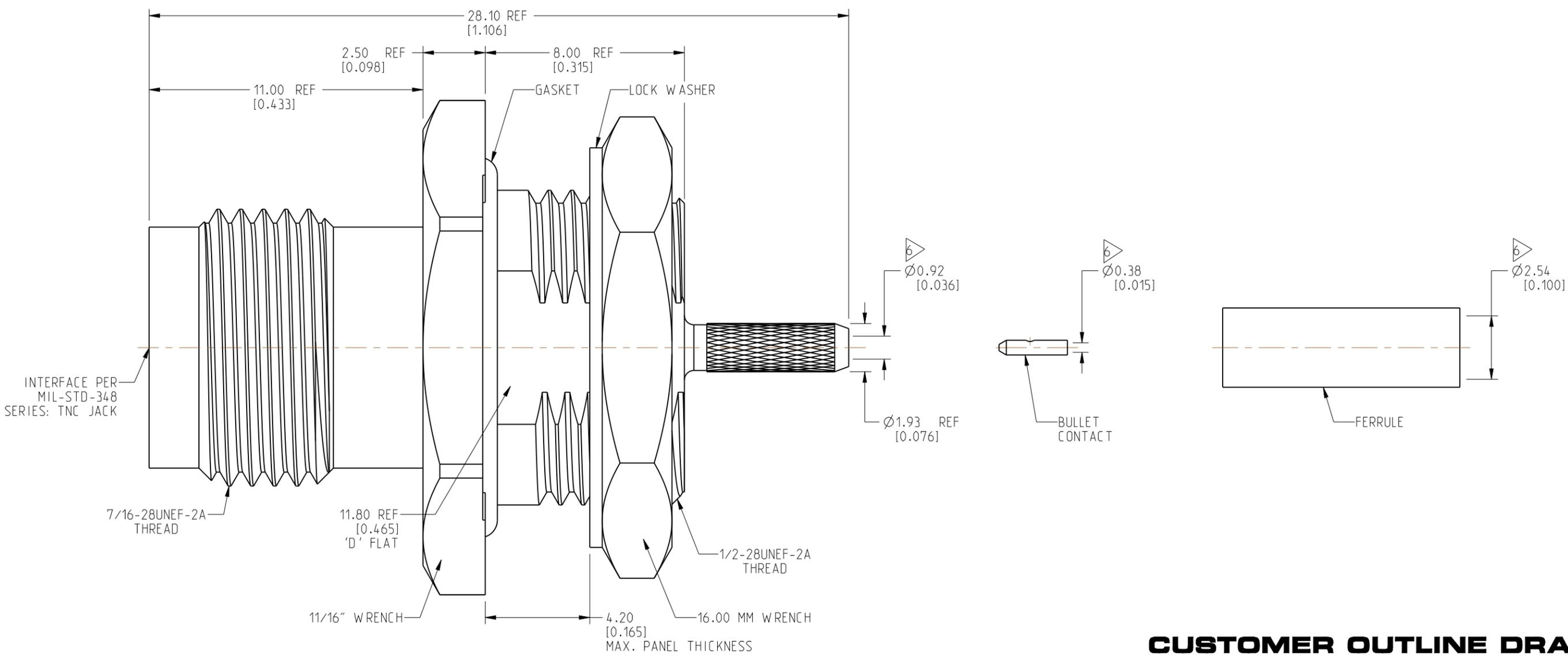
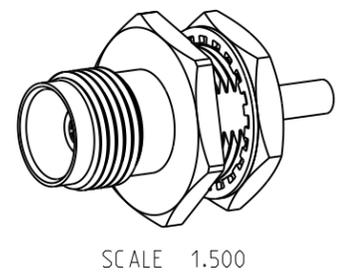
REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	02-FEB-23	16554	SH



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]

ANGLES = ±1°

MATERIAL	SEE NOTES
ENGR.1	KAVI S
ENGR.2	M.ZHANG
DATE	23-DEC-22

TITLE	TNC STR BHD JACK FRONT MOUNT IP 67 FOR RG 178 CABLE
SHEET NO.	2 OF 2
SCALE:	6.0:1.0

Amphenol RF		REV	A
		SIZE	B
DRAWING NO.	31-7003		
ITEM NO.	31-7003		
PART NO.	31-7003		