

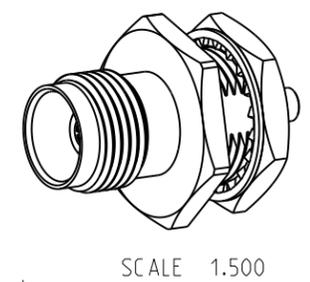
NOTES:

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

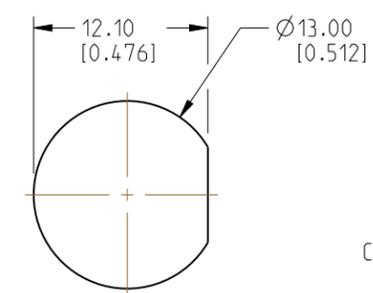
4. PACKAGING:
 A. QUANTITY: SINGLE PACK
 B. MARKING: PACKAGING TO BE MARKED "AMPHENOL RF, 31-6961 AND DATE CODE"
5. CABLE ASSEMBLY INSTRUCTIONS:
 A. TRIM CABLE AS SHOWN.
 B. INSERT CABLE THROUGH INNER FERRULE AND PEEL BRAID BACK, OVER INNER FERRULE.
 C. INSTALL SLEEVE AND INSULATOR DISC OVER CABLE, BOTTOMING 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.

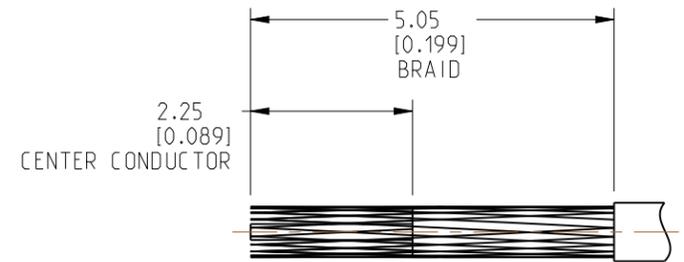
REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	24-FEB-23	16590	TR



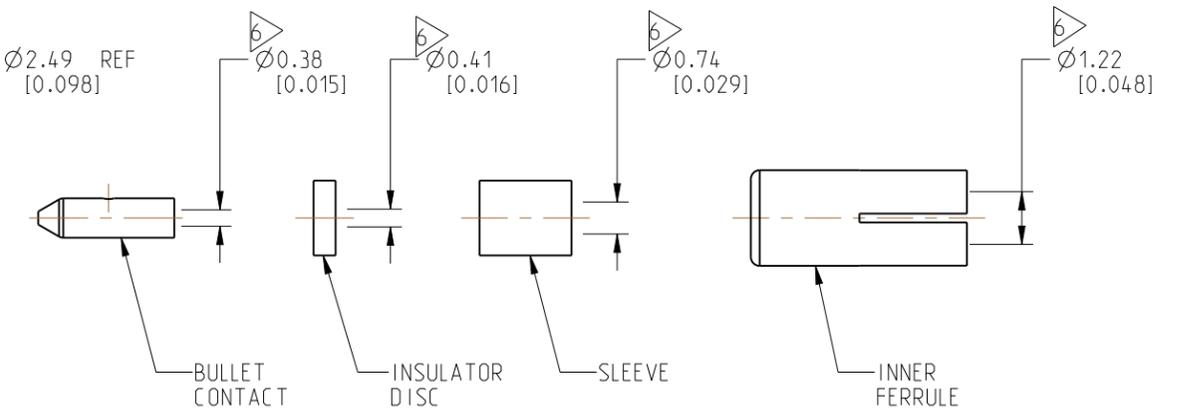
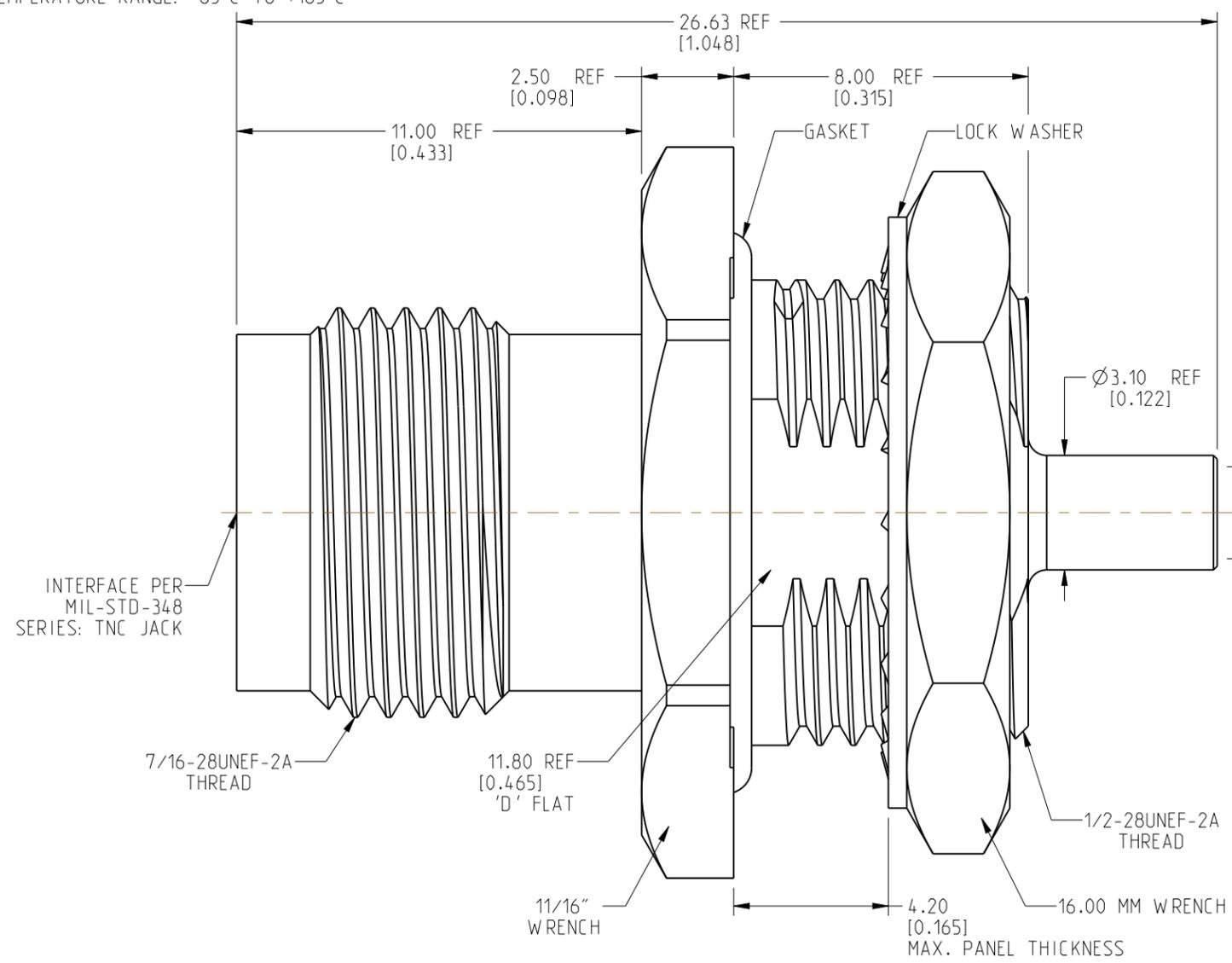
SCALE 1.500



RECOMMENDED MOUNTING HOLE DIMENSIONS



RECOMMENDED CABLE STRIPPING DIMENSIONS



CUSTOMER OUTLINE DRAWING
 ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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THIRD ANGLE PROJ.		REFERENCE		ENGR.1 KARTHIK R ENGR.2 WIKI DATE 30-JAN-21		SHEET NO. 2 OF 2 SCALE: 6.0:1.0		DRAWING NO. 31-6961 ITEM NO. 31-6961 PART NO. 31-6961	
EAR# 10198		ANGLES = ±1°		B		A		REV A	