

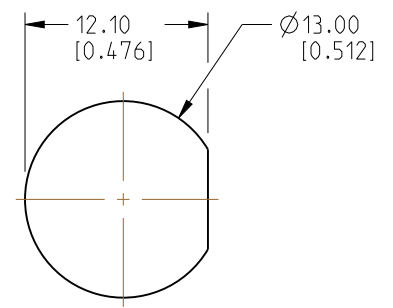
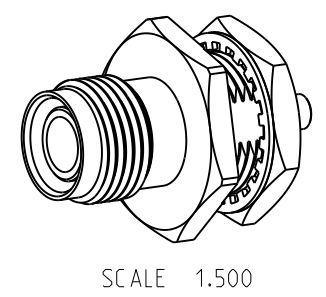
NOTES:

1. MATERIALS AND FINISHES:
 BODY, INNER FERRULE
 HEX NUT, SLEEVE AND LOCK WASHER - BRASS, NICKEL PLATING
 CONTACT - BeCu, GOLD PLATING
 BULLET CONTACT - BRASS, GOLD PLATING
 INSULATOR AND INSULATOR DISC - PTFE, NATURAL
 O-RING AND GASKET - 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 - 9 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.

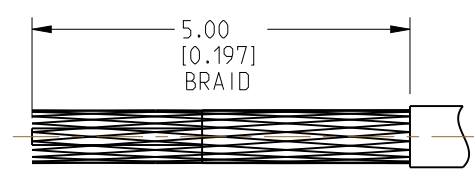
4. PACKAGING:
 A. QUANTITY: SINGLE PACK
 B. MARKING: PACKAGING TO BE MARKED
 "AMPHENOL RF, 31-7008 AND DATE CODE"
 C. GASKET, LOCK WASHER, HEX NUT, BULLET CONTACT, INSULATOR DISC,
 SLEEVE AND INNER FERRULE ARE PACKAGED LOOSE.
5. CABLE ASSEMBLY INSTRUCTIONS:
 A. TRIM CABLE AS SHOWN (TWO STAGE TRIM).
 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.

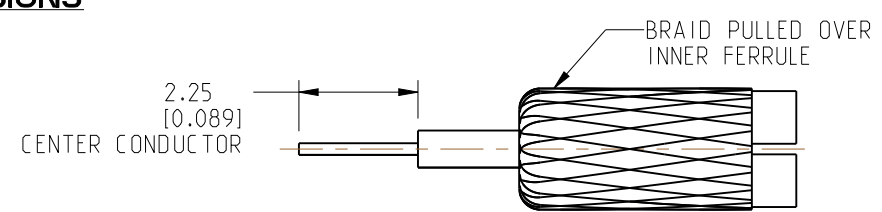
REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	16-NOV-23	16822	SH



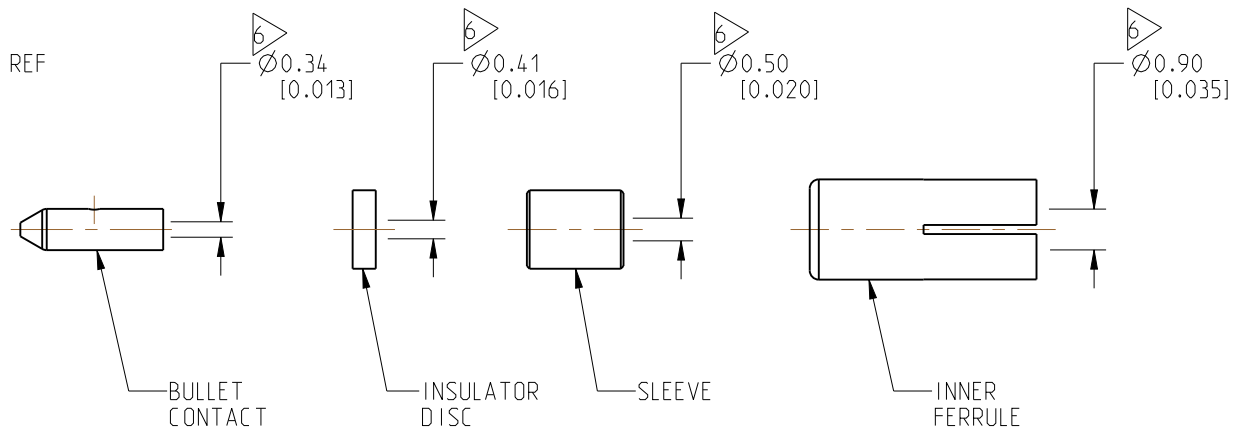
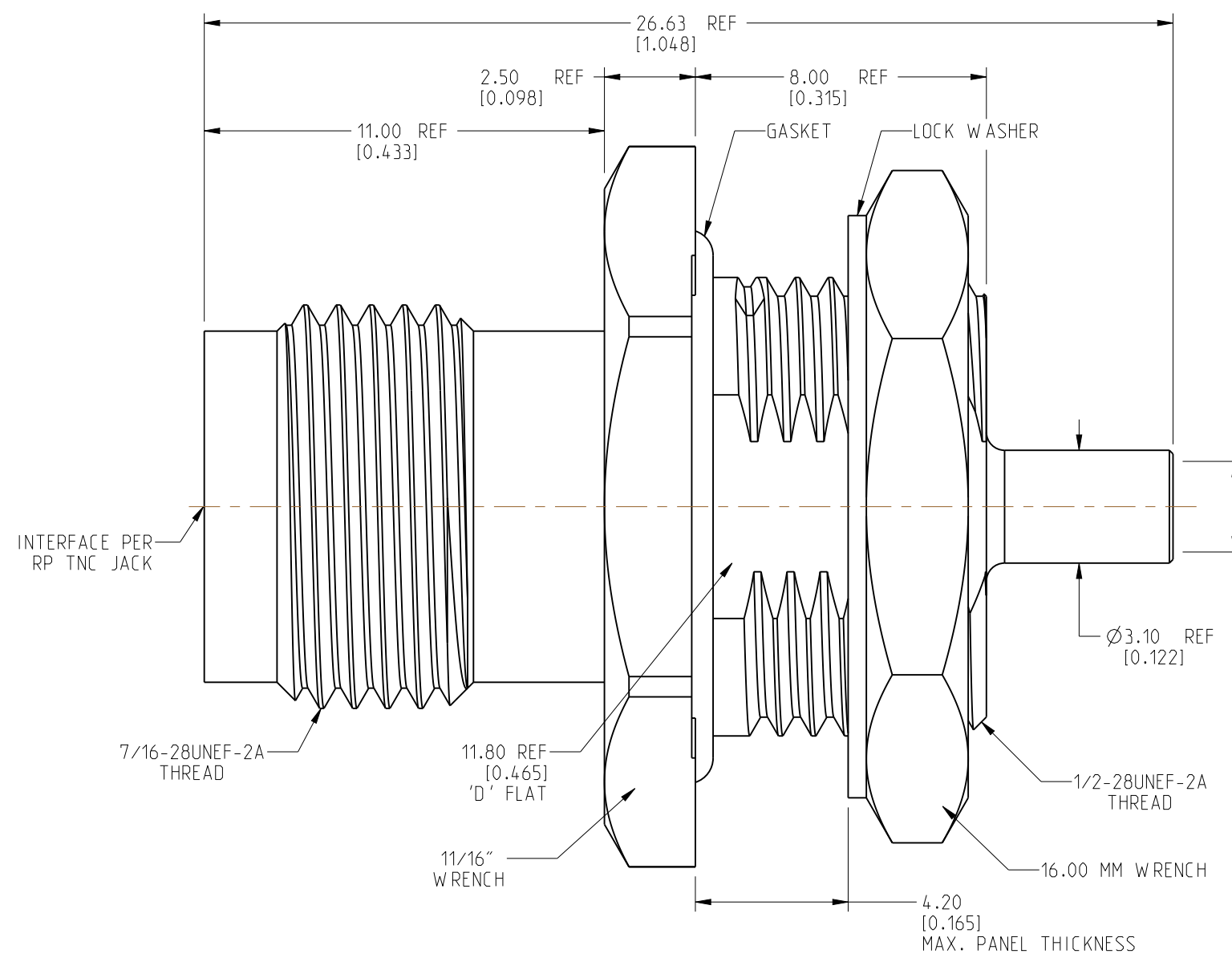
RECOMMENDED MOUNTING HOLE DIMENSIONS



RECOMMENDED CABLE STRIPPING DIMENSIONS (TRIM 1)



RECOMMENDED CABLE STRIPPING DIMENSIONS (TRIM 2)



CUSTOMER OUTLINE DRAWING
 ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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THIRD ANGLE PROJ. REFERENCE		ANGLES = ±1°		ENGR.1 D INESH A ENGR.2 JACK LIANG DATE 27-APR-21		SHEET NO. 2 OF 2 SCALE: 6.0:1.0		SIZE B DRAWING NO. 31-7008 ITEM NO. 31-7008 PART NO. 31-7008 REV A	

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