

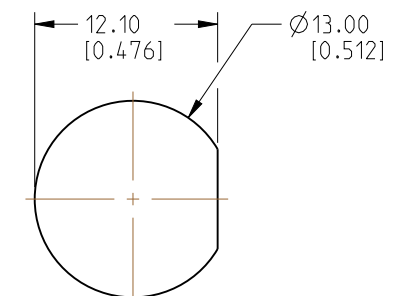
NOTES:

- 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 - SILICONE RUBBER, RED
- 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
 1.60 MAX. @ 6 - 9 GHz
 D. DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS. MIN.
- MECHANICAL:**
 A. DURABILITY: 500 CYCLES MIN.
 B. TEMPERATURE RANGE: -65°C TO +165°C

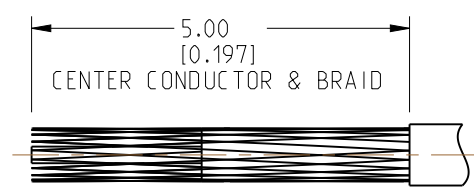
- PACKAGING:**
 A. QUANTITY: SINGLE PACK
 B. MARKING: PACKAGING TO BE MARKED "AMPHENOL RF, 31-6959 AND DATE CODE"
- CABLE ASSEMBLY INSTRUCTIONS:**
 A. TRIM CABLE AS SHOWN (TWO STAGE TRIM).
 B. INSERT CABLE THROUGH INNER FERRULE AND PEEL BRAID BACK, OVER INNER FERRULE.
 C. INSTALL SLEEVE AND INSULATOR 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.

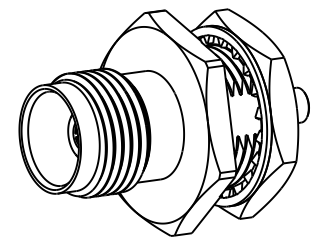
REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	24-FEB-23	16590	CL



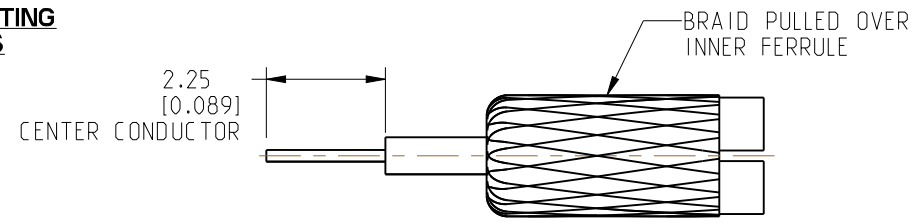
RECOMMENDED MOUNTING HOLE DIMENSIONS



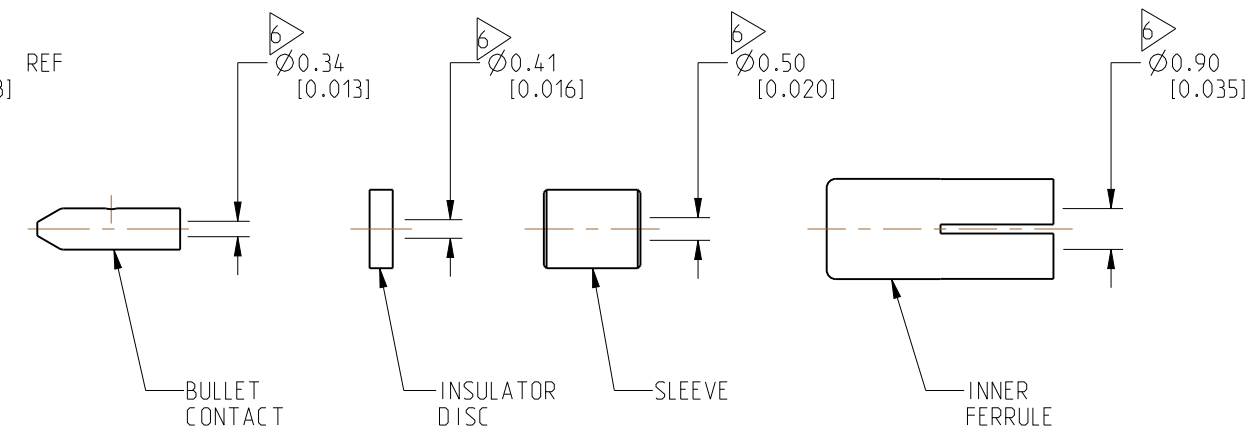
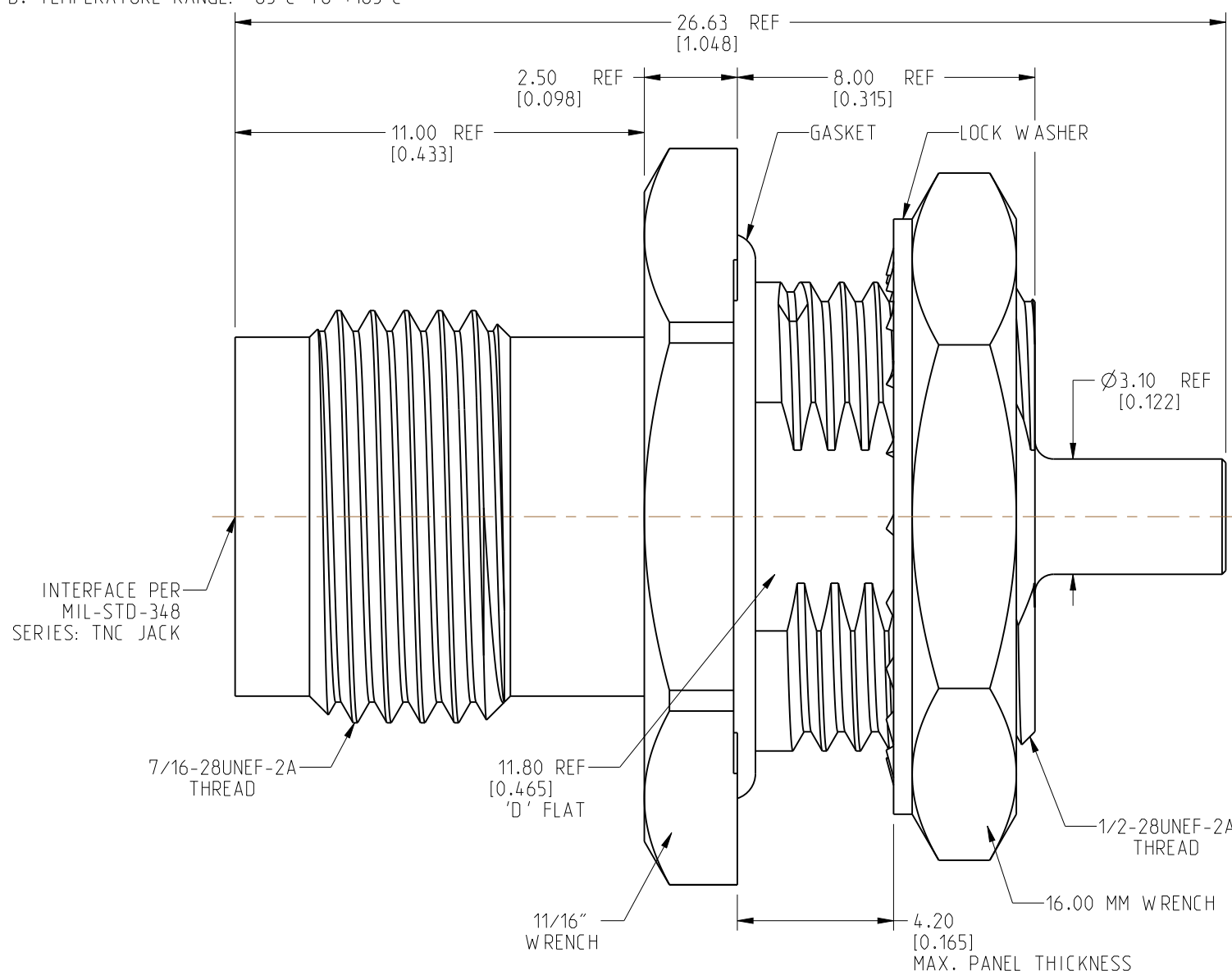
RECOMMENDED CABLE STRIPPING DIMENSIONS (TRIM 1)



SCALE 1.500



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		ENGR.1 MADHAN G ENGR.2 WIKI DATE 27-JAN-21		SHEET NO. 2 OF 2 SCALE: 6.0:1.0		DRAWING NO. 31-6959 ITEM NO. 31-6959 PART NO. 31-6959	
EAR# 10198		ANGLES = ±1°		SHEET NO. 2 OF 2		SCALE: 6.0:1.0		REV A	

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