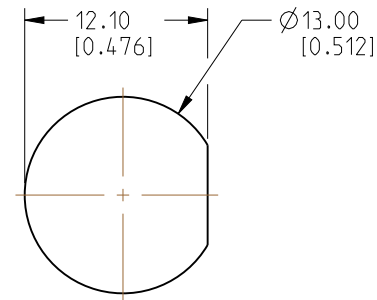
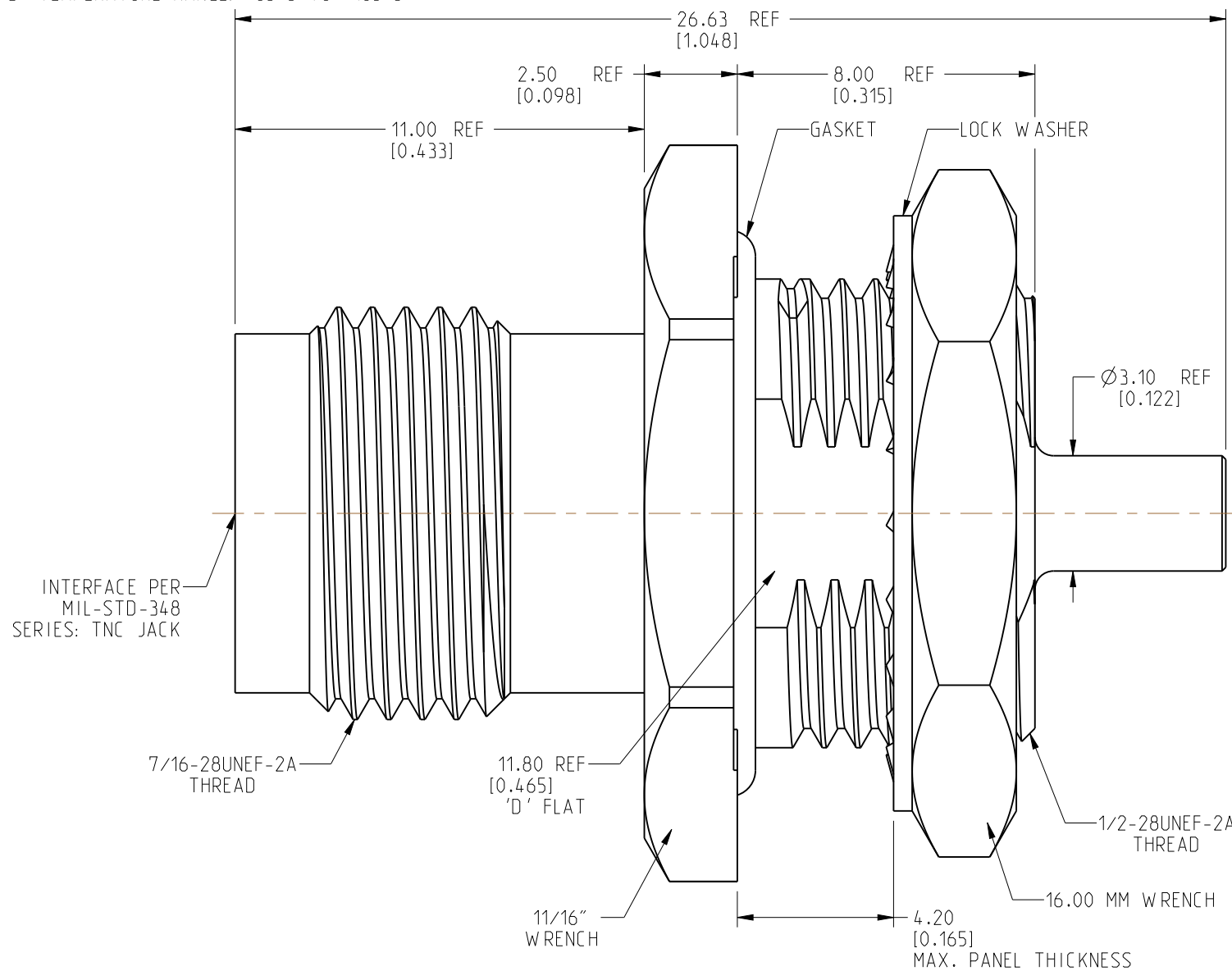


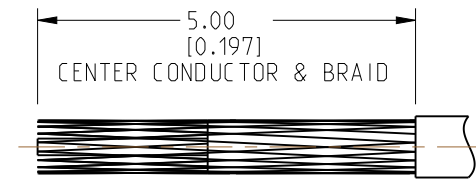
1. MATERIALS AND FINISHES:
BODY, INNER FERRULE, HEX NUT, SLEEVE
AND LOCK WASHER - BRASS, NICKEL PLATING
CONTACT - BeCu, GOLD PLATING
BULLET CONTACT - BRASS, GOLD PLATING
INSULATOR AND INSULATOR DISC - PTFE, NATURAL
O-RING - SILICONE RUBBER, RED
2. ELECTRICAL:
 - A. IMPEDANCE: 50 OHM
 - B. FREQUENCY RANGE: DC - 9 GHz
 - C. VSWR: 1.30 MAX. @ DC - 3 GHz
1.40 MAX. @ 3 - 6 GHz
1.60 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

4. PACKAGING:
 - A. QUANTITY: SINGLE PACK
 - B. MARKING: PACKAGING TO BE MARKED
"AMPHENOL RF, 31-6959 AND DATE CODE"
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

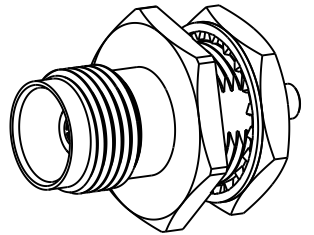
6. SHOWS CABLE ENTRY DIMENSIONS.



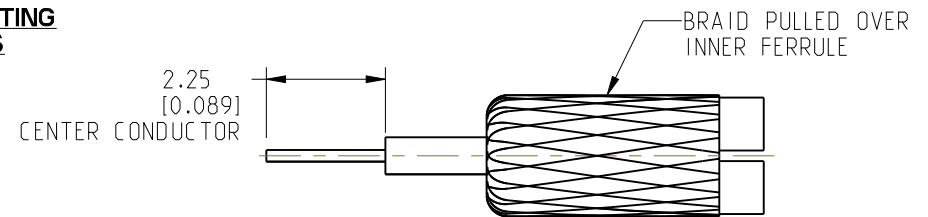
RECOMMENDED MOUNTING HOLE DIMENSIONS



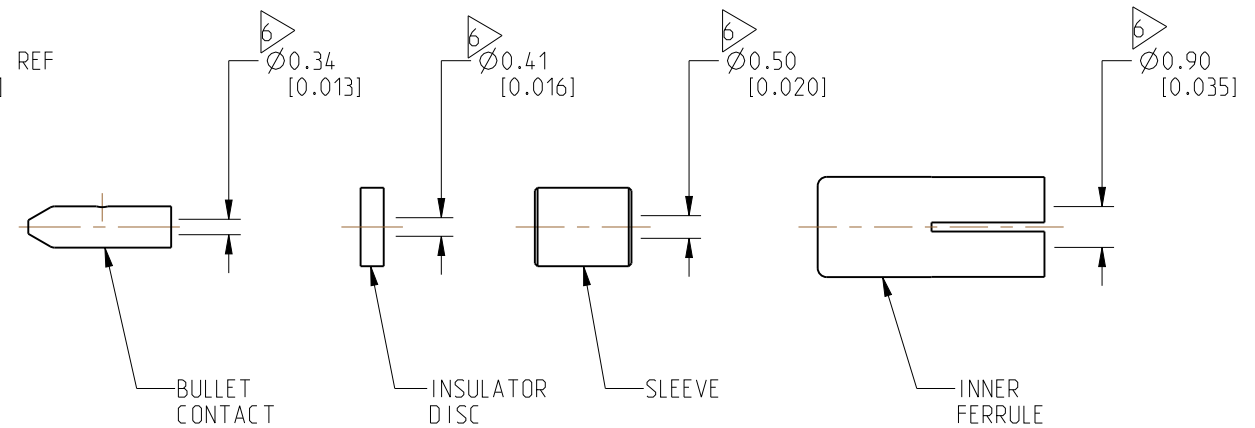
RECOMMENDED CABLE STRIPPING DIMENSIONS (TRIM 1)



SCALE 1.500



RECOMMENDED CABLE STRIPPING DIMENSIONS (TRIM 2)



CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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<0.5mm = ± 0.05 mm	[<0.020 = ± 0.002]
0.5 - 6mm = ± 0.1 mm	[0.020 - 0.236 = ± 0.004]
>6.00 - 30mm = ± 0.2 mm	[>0.236 - 1.181 = ± 0.008]
>30.00 - 120mm = ± 0.3 mm	[>1.181 - 4.725 = ± 0.012]

SEE NOTES

ENGR.1
MADHAN G

ENGR.2
WIKI

DATE	27-JAN-21
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TNC STR BHD JACK
FRONT MOUNT FOR
0.81 MM CABLE

SHEET NO. 2 OF 2

SCALE: 6.0:1.0

Amphenol RF

SIZE	DRAWING NO. 31-6959
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D	ITEM NO. 31-6959
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B	PART NO.	31-6959

EV

A