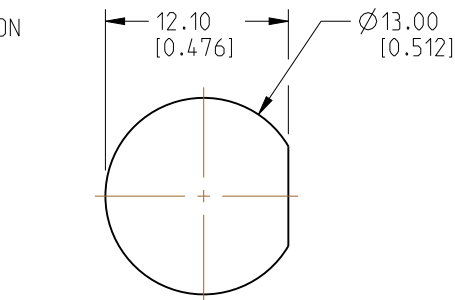
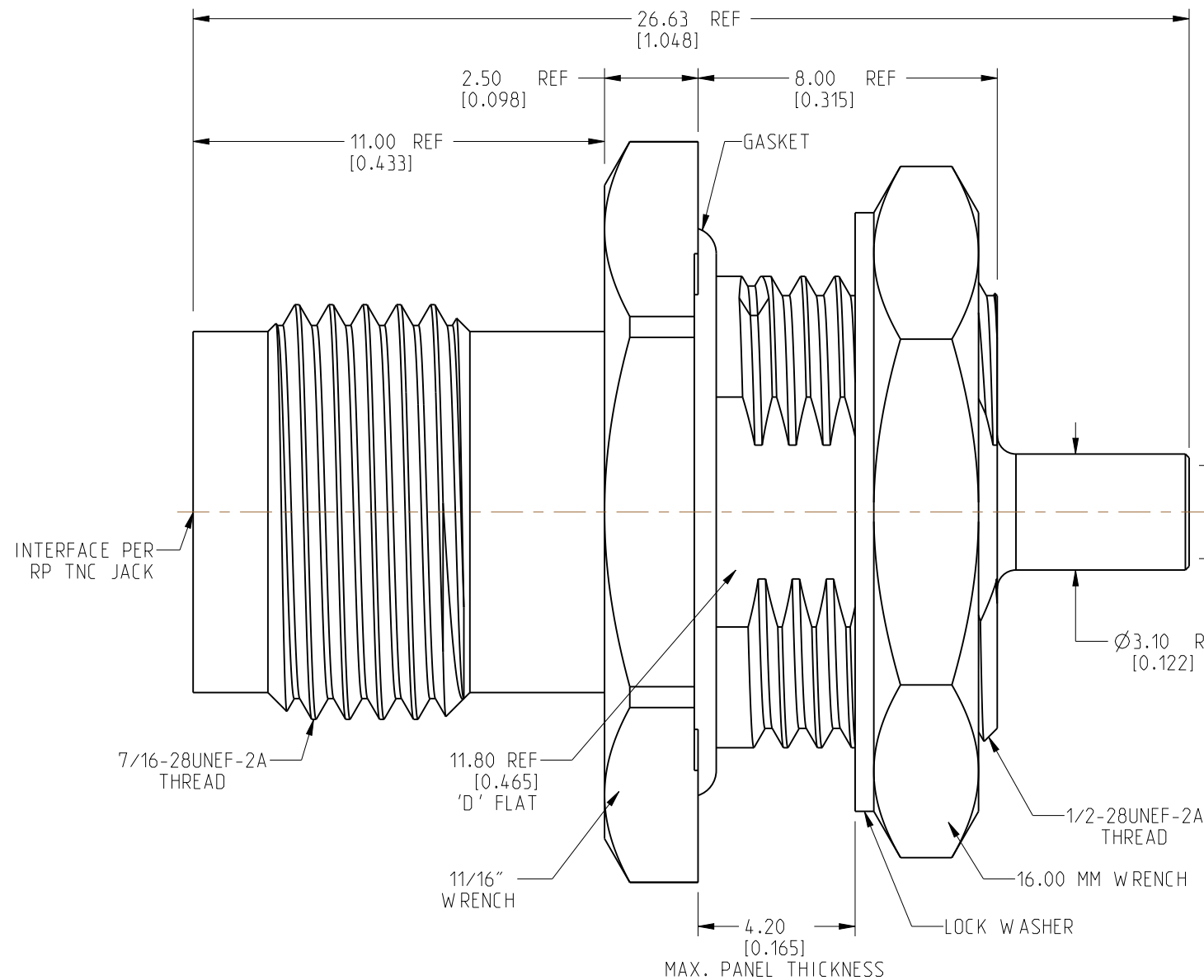


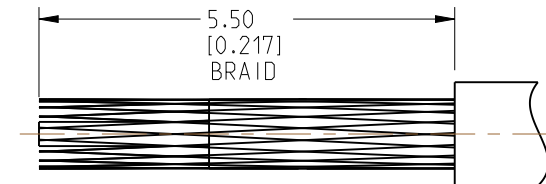
1. MATERIALS AND FINISHES:
BODY, INNER FERRULE, HEX NUT, SLEEVE
AND LOCK WASHER - BRASS, NICKEL PLATING
CONTACT - BeCu, GOLD PLATING
BULLET CONTACT - BRASS, GOLD PLATING
INSULATOR AND INSULATOR DISC - PTFE, NATURAL
GASKET AND O-RING - SILICONE RUBBER, RED
2. ELECTRICAL:
 - A. IMPEDANCE: 50 OHM
 - B. FREQUENCY RANGE: DC - 9 GHz
 - C. VSWR: 1.30 MAX. @ DC - 3 GHz
1.40 MAX. @ 3 - 6 GHz
1.50 MAX. @ 6 - 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, 31-7010 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

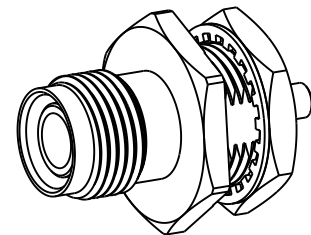
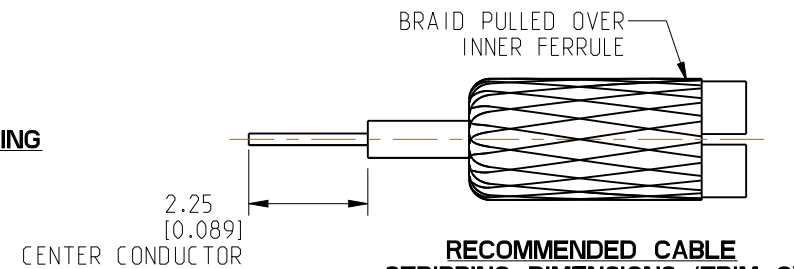
6. SHOWS CABLE ENTRY DIMENSIONS.



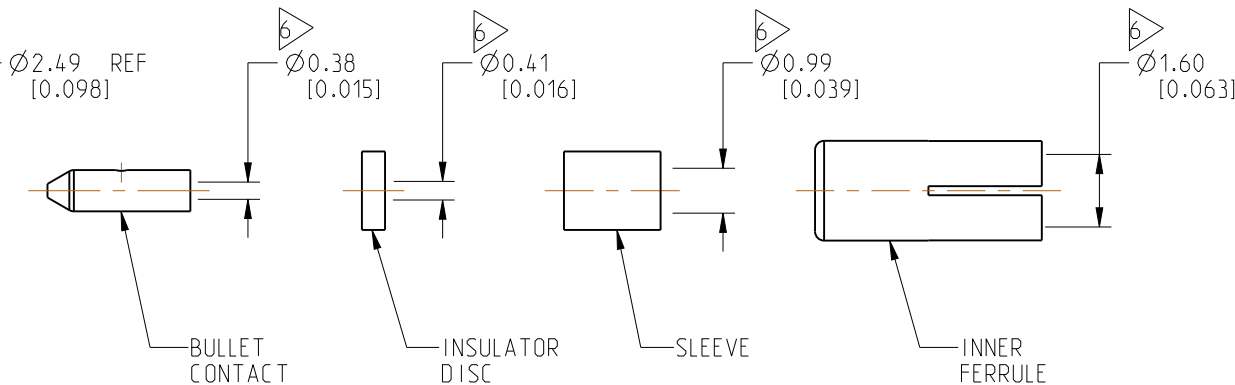
RECOMMENDED MOUNTING HOLE DIMENSIONS



RECOMMENDED CABLE STRIPPING DIMENSIONS (TRIM 1)



SCALE 1.500



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] |

| MATERIAL |
|----------|
|----------|

SEE NOTES

ENGR.1
DINESH A

ENGR.2
JACK LIANG

| | |
|------|-----------|
| DATE | 28-APR-21 |
|------|-----------|

| TITLE |
|-------|
|-------|

RP TNC STR BHD JACK
FRONT MOUNT IP 67
FOR 1.37 MM CABLE

SHEET NO. 2 OF 2

SCALE: 6.0:1.0

Amphenol RF

| | | |
|---------------|-------------|---------|
| SIZE B | DRAWING NO. | 31-7010 |
| | ITEM NO. | 31-7010 |
| | PART NO. | 31-7010 |

REV
A