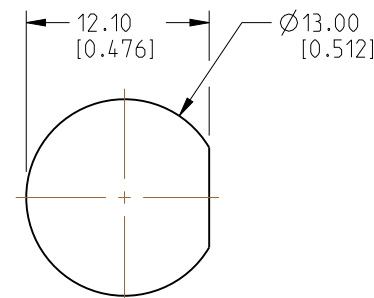
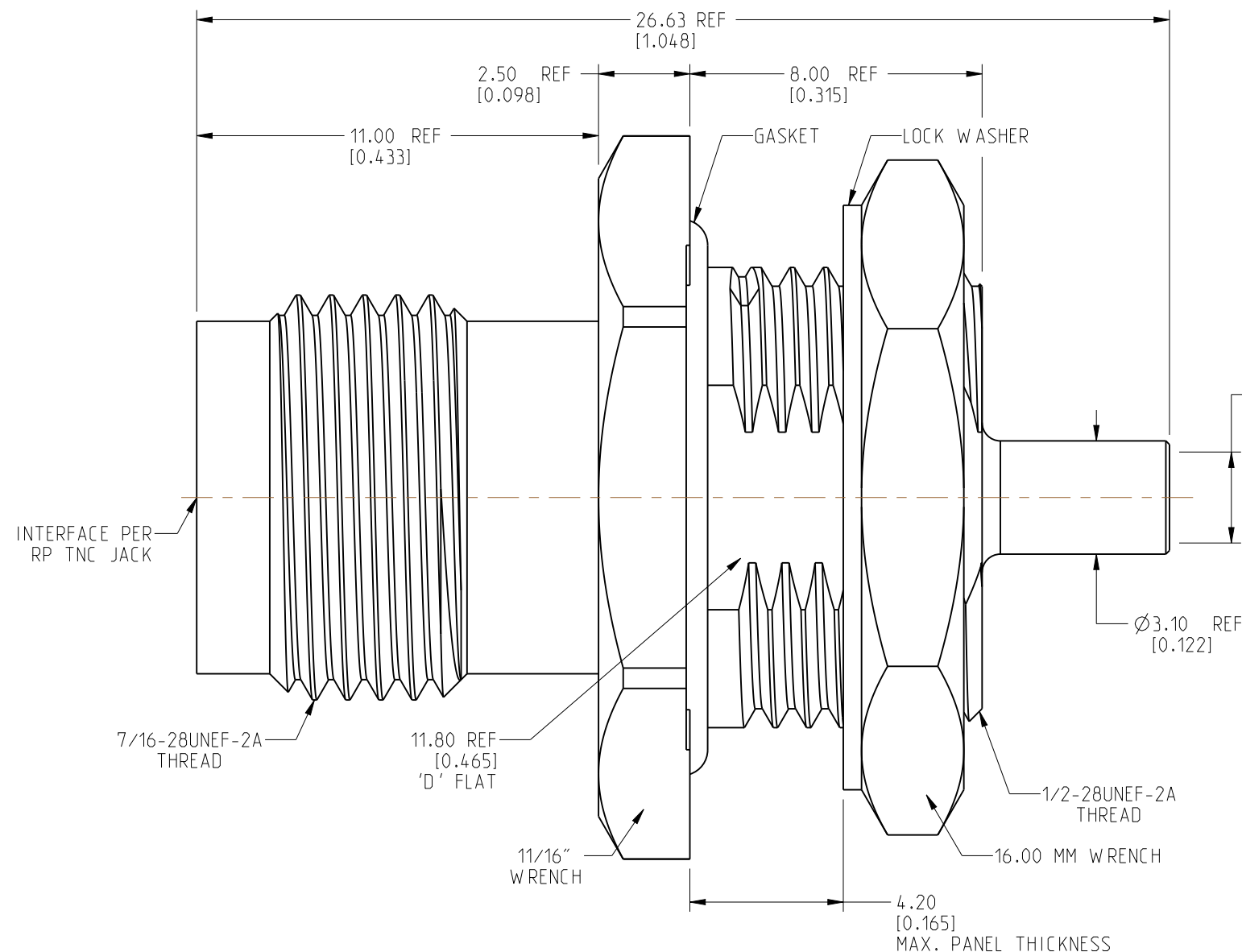


NOTES:

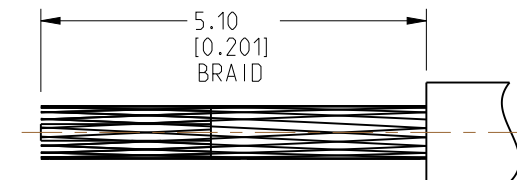
1. MATERIALS AND FINISHES:  
BODY, INNER FERRULE, HEX NUT,  
SLEEVE AND LOCK WASHER - BRASS, NICKEL PLATING  
CONTACT - BeCu, GOLD PLATING  
BULLET CONTACT - BRASS, GOLD PLATING  
INSULATOR AND INSULATOR DISC - PTFE, NATURAL  
GASKET AND O-RING - SILICONE RUBBER, RED
2. ELECTRICAL:  
A. IMPEDANCE: 50 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 CON

4. PACKAGING:
  - A. QUANTITY: SINGLE PACK
  - B. MARKING: PACKAGING TO BE MARKED  
"AMPHENOL RF, 31-7009 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

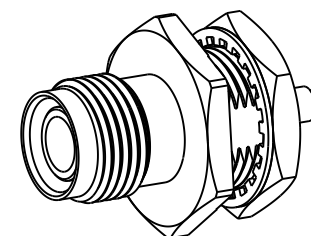
6. SHOWS CABLE ENTRY DIMENSIONS.



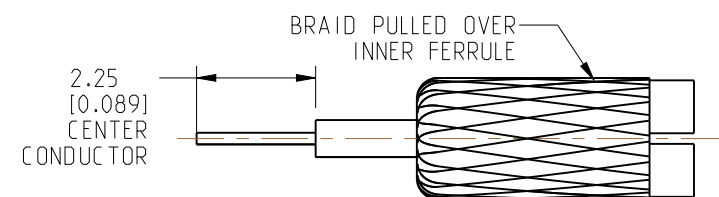
### RECOMMENDED MOUNTING HOLE DIMENSIONS



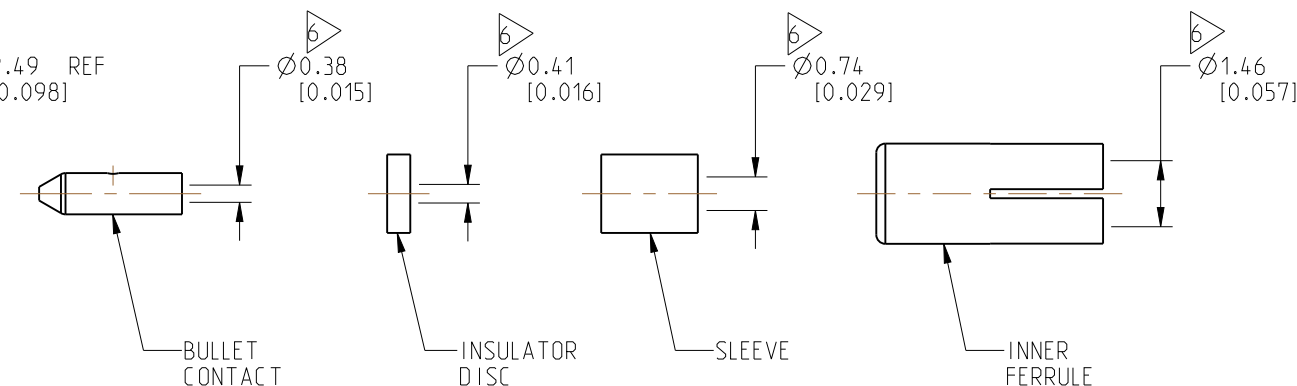
### RECOMMENDED CABLE STRIPPING DIMENSIONS (TRIM 1)



SCALE 1.500



### RECOMMENDED CABLE STRIPPING DIMENSIONS (TRIM 2)



# CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

NOTICE: These drawings, specifications, or other data (1) are, and remain the property of Amphenol corp (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. The furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights to permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE METRIC (INCHES) AND TOLERANCES ARE:

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

MATERIAL
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SEE NOTES

ENGR.2  
JACK LIANG

DATE	26-APR-21
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TITLE
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RP TNC STR BHD JACK  
FRONT MOUNT IP 67  
FOR 1.32 MM DS CABLE

SHEET NO. 2 OF 2

SCALE: 6.0:1.0

SIZE

DRAWING NO.	31-7009
ITEM NO.	31-7009
PART NO.	31-7009

REV

A