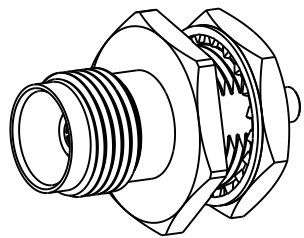


1. MATERIALS AND FINISHES:  
BODY, INNER FERRULE, HEX NUT,  
SLEEVE & LOCK WASHER - BRASS, NICKEL PLATING  
CONTACT - BeCu, GOLD PLATING  
BULLET CONTACT - BRASS, GOLD PLATING  
INSULATOR & INSULATOR DISC - PTFE, NATURAL  
O-RING - SILICONE RUBBER, RED
2. ELECTRICAL:
  - A. IMPEDANCE: 50 OHM
  - B. FREQUENCY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

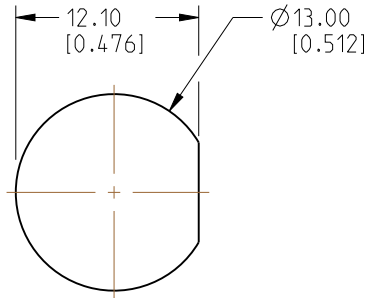
4. PACKAGING:
  - A. QUANTITY: SINGLE PACK
  - B. MARKING: PACKAGING TO BE MARKED  
"AMPHENOL RF, 31-6962 AND DATE CODE"
5. CABLE ASSEMBLY INSTRUCTIONS:
  - A. TRIM CABLE AS SHOWN (TWO STAGE TRIM).
  - B. INSERT CABLE THROUGH INNER FERRULE AND PEEL BRAID BACK,  
OVER INNER FERRULE.
  - C. INSTALL SLEEVE 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 .105" HEX

6. SHOWS CABLE ENTRY DIMENSIONS.

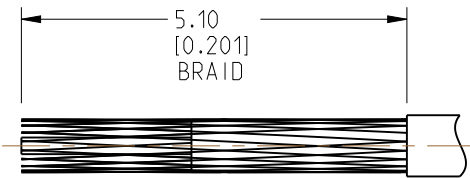
REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	24-FEB-23	16590	SG



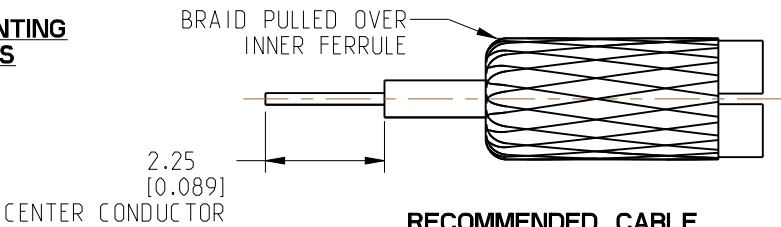
SCALE 1.500



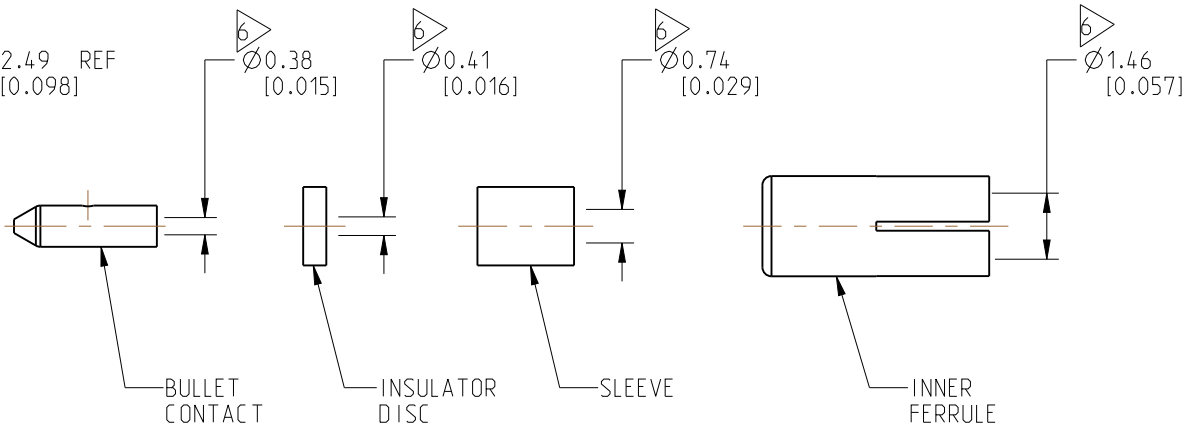
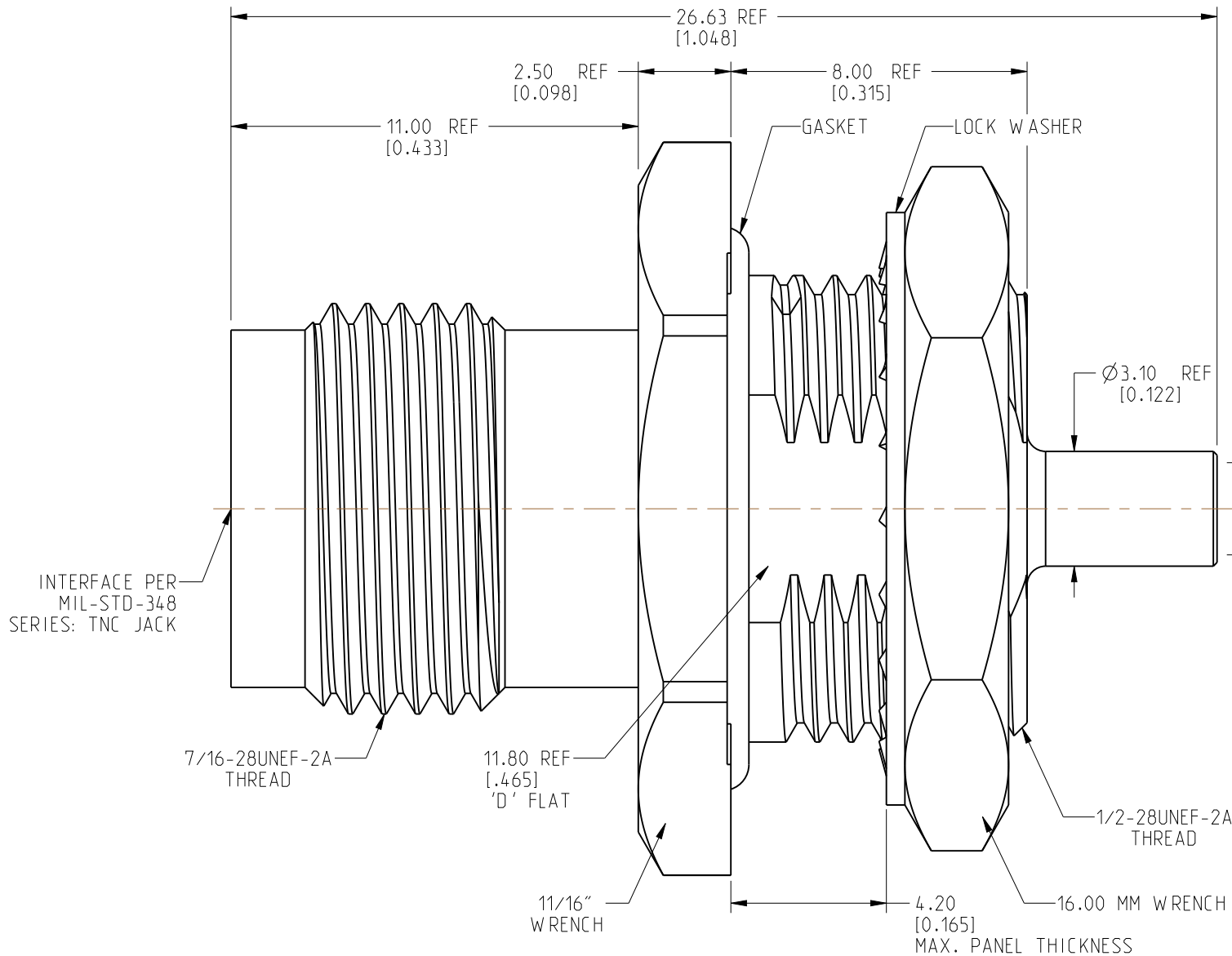
## RECOMMENDED MOUNTING HOLE DIMENSIONS



### 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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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

SEE NOTES

ENGR.2  
WIKI

WIKI

DATE  
30-

30-JAN-21

T I T L E

TNC STR BHD JACK  
FRONT MOUNT FOR  
1.32 MM DS CABLE

SHEET NO. 2 OF 2

SCALE: 6.0:1.0

# Amphenol RF

SIZE

DRAWING NO. 31-6962

ITEM NO. 31-6962

PART NO. 31-6962

REV

A

THIRD ANGLE PROJ.



## REFERENCE

EAR#	10198
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10198

ANGLES =  $\pm 1^\circ$

5

4

3

2

1