

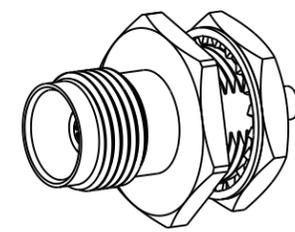
NOTES:

- 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

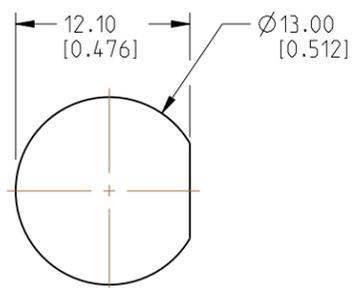
- 4. PACKAGING:  
A. QUANTITY: SINGLE PACK  
B. MARKING: PACKAGING TO BE MARKED "AMPHENOL RF, 31-6963 AND DATE CODE"
- 5. CABLE ASSEMBLY INSTRUCTIONS:  
A. TRIM CABLE AS SHOWN (TWO STAGE TRIM).  
B. INSERT CABLE THROUGH INNER FERRULE AND PEEL BRAID BACK, OVER INNER FERRULE.  
C. INSTALL SLEEVE AND INSULATOR 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.

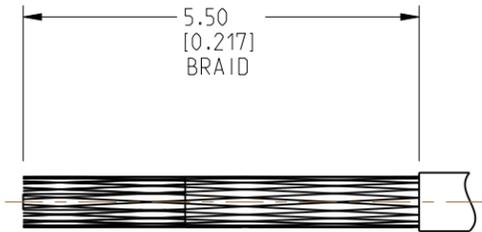
REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	24-FEB-23	16590	VK



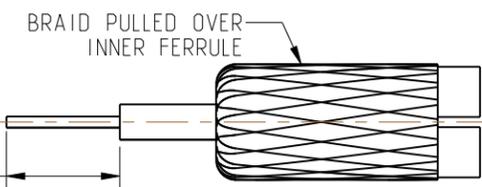
SCALE 1.500



RECOMMENDED MOUNTING HOLE DIMENSIONS

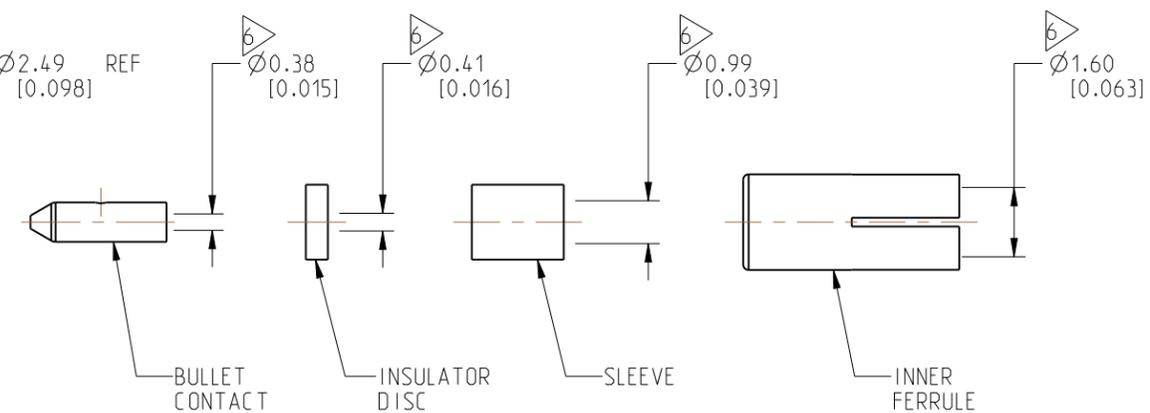
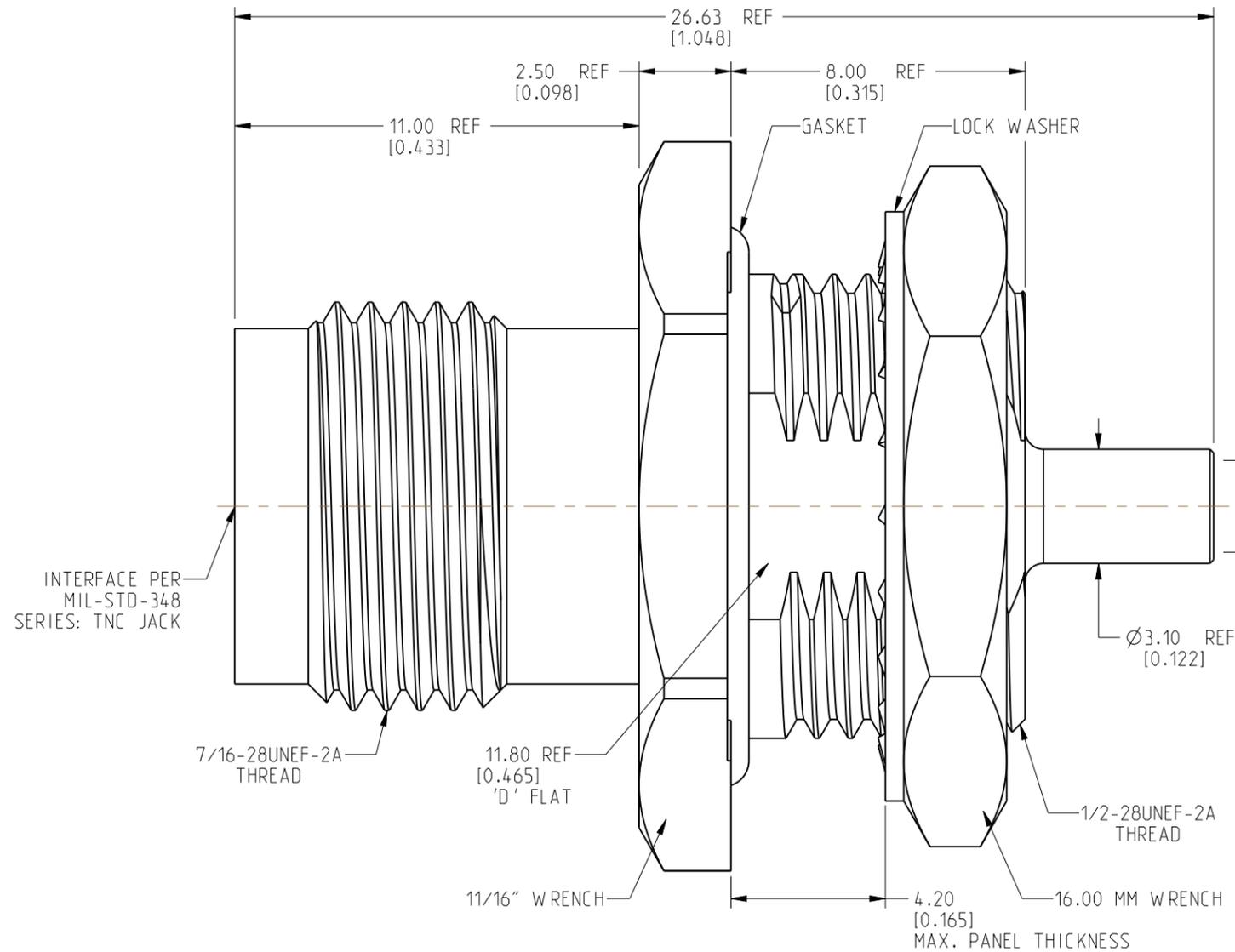


RECOMMENDED CABLE STRIPPING DIMENSIONS (TRIM 1)



RECOMMENDED CABLE STRIPPING DIMENSIONS (TRIM 2)

2.25 [0.089] CENTER CONDUCTOR



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 = ±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: KARTHIK R  
 ENGR.2: WIKI  
 DATE: 30-JAN-21

TITLE: TNC STR BHD JACK FRONT MOUNT FOR 1.37 MM CABLE  
 SHEET NO. 2 OF 2  
 SCALE: 6.0:1.0

Amphenol RF  
 DRAWING NO. 31-6963  
 ITEM NO. 31-6963  
 PART NO. 31-6963  
 REV: A

THIRD ANGLE PROJ.

REFERENCE EAR# 10198

ANGLES = ±1°