

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

RECOMMENDED MOUNTING HOLE DIMENSIONS

5.50
[0.217]
BRAID

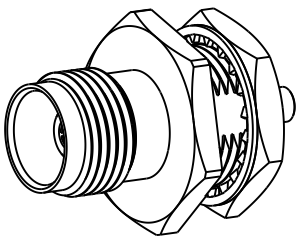
Technical drawing of a braided cable. The drawing shows a cross-section of the cable with a braided outer layer. A dimension line indicates a length of 5.50 units, with a tolerance of [0.217]. The text "BRAID" is written below the dimension line.

RECOMMENDED CABLE STRIPPING DIMENSIONS (TRIM 1)

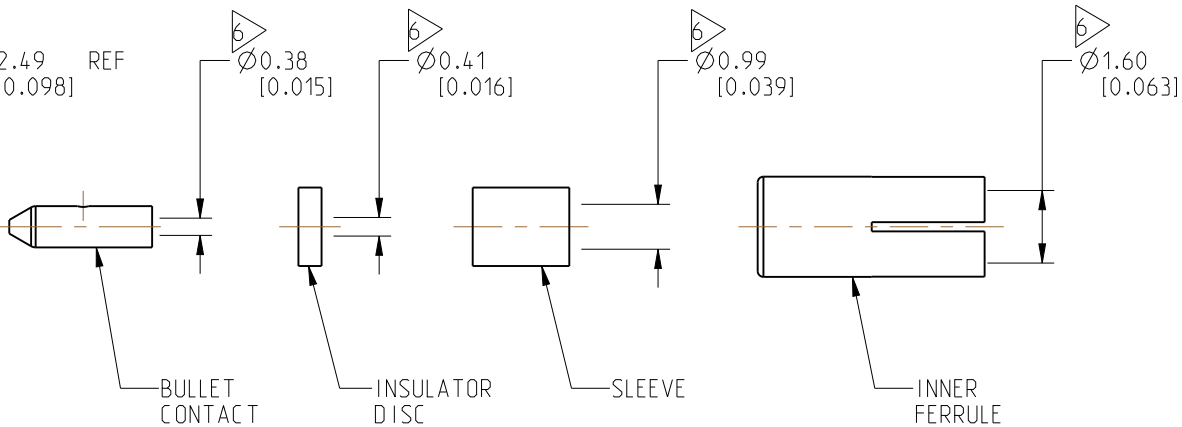
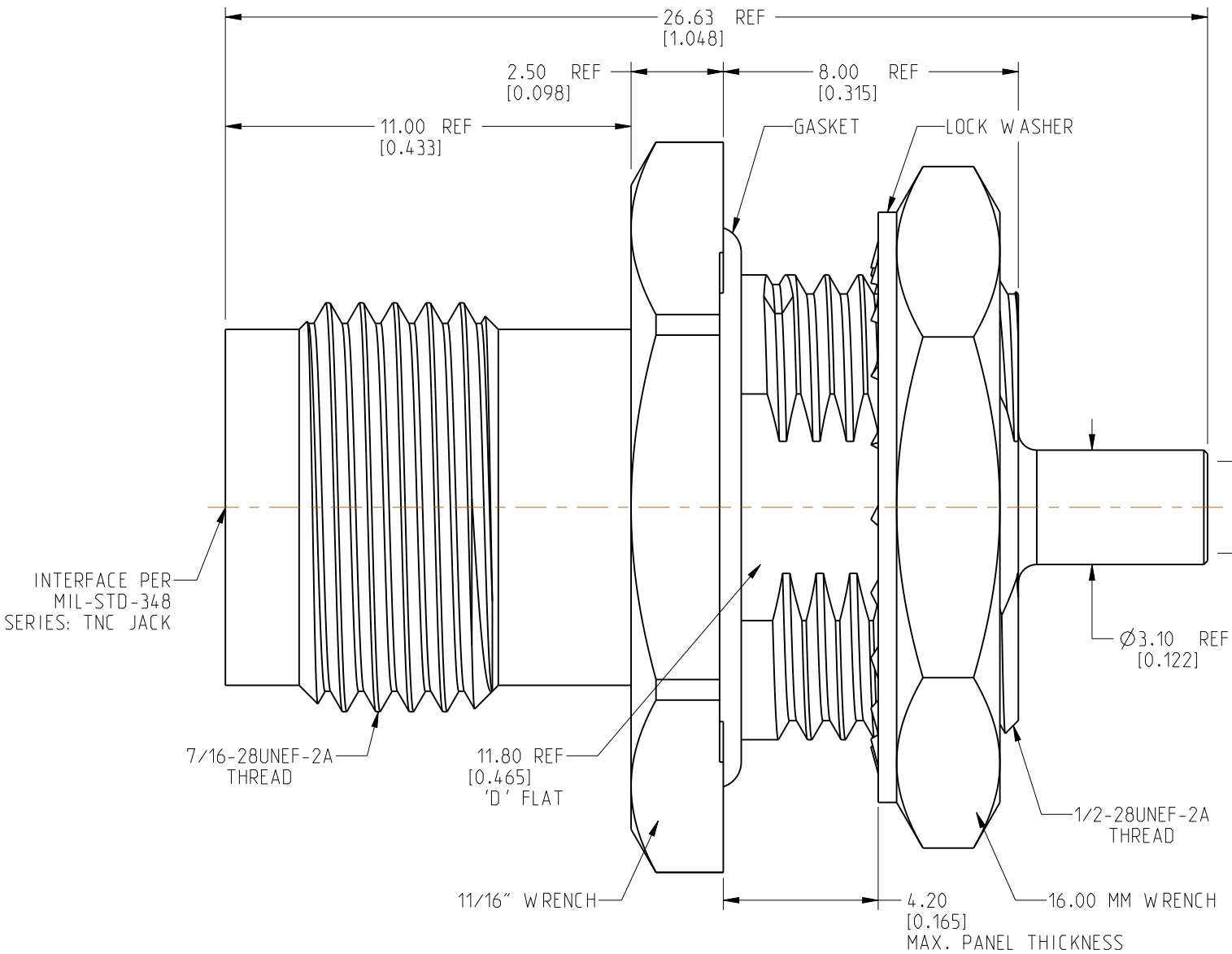
BRAID PULLED OVER-
INNER FERRULE

2.25
[0.089]
CENTER CONDUCTOR

RECOMMENDED CABLE STRIPPING DIMENSIONS (TRIM 2)



SCALE 1.500



CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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<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]

SEE NOTES

TNC STR BHD JACK
FRONT MOUNT FOR
1.37 MM CABLE

Amphenol RF

SIZE B	DRAWING NO.	31-6963
	ITEM NO.	31-6963
	PART NO.	31-6963

REV

THIRD ANGLE PROJ.



REFERENCE

EAR#	NAME	DATE	TIME	LOCATION	REMARKS
1	John Doe	10/10/2023	14:30	Room 101	Initial assessment
2	Jane Smith	10/10/2023	15:00	Room 102	Follow-up visit
3	Michael Brown	10/10/2023	16:00	Room 103	Consultation
4	Sarah White	10/10/2023	17:00	Room 104	Physical exam
5	David Green	10/10/2023	18:00	Room 105	Lab work
6	Emily Black	10/10/2023	19:00	Room 106	Immunization
7	Robert Grey	10/10/2023	20:00	Room 107	Referral
8	Laura Pink	10/10/2023	21:00	Room 108	Discharge
9	James Blue	10/10/2023	22:00	Room 109	Admission
10	Olivia Yellow	10/10/2023	23:00	Room 110	Consultation

10198

ANGLES = $\pm 1^\circ$

ENGR.1
KARTHIK R

ENGR.2
WIKI

DATE
30-JAN-21

SHEET NO. 2 OF 2

SCALE: 6.0:1.0

B

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