NOTES:

1. MATERIALS AND FINISHES:
   BODY, INNER FERRULE &
   SLEEVE - BRASS, NICKEL PLATING
   CONTACT - BeCu, GOLD PLATING
   BULLET CONTACT - BRASS, GOLD PLATING
   INSULATOR & INSULATOR DISC - PTFE, NATURAL

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 - 7.1 GHz
   D. DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS, MIN.

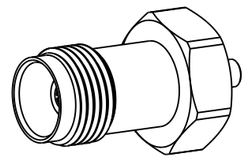
3. MECHANICAL:
   A. DURABILITY: 500 CYCLES MIN.
   B. TEMPERATURE RANGE: -65°C TO +165°C

4. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: PACKAGING TO BE MARKED
   "AMPHENOL RF, 31-6968 AND DATE CODE"

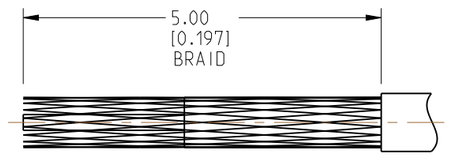
5. CABLE ASSEMBLY INSTRUCTIONS:
   A. TRIM CABLE AS SHOWN (TWO STAGE TRIM).
   B. INSERT CABLE THROUGH INNER FERRULE AND PEEL BRAID BACK, OVER INNER FERRULE.
   C. INSTALL SLEEVE AND INSULATOR DISC OVER CABLE, BOTTOMING ON INNER FERRULE.
   D. SOLDER BULLET CONTACT TO CABLE CENTER CONDUCTOR, BOTTOMING ON INSULATOR DISC.
   E. INSERT CABLE INTO CONNECTOR UNTIL IT BOTTOMS.
   F. CRIMP BODY OVER INNER FERRULE USING 0.105" HEX

6 SHOWS CABLE ENTRY DIMENSIONS.

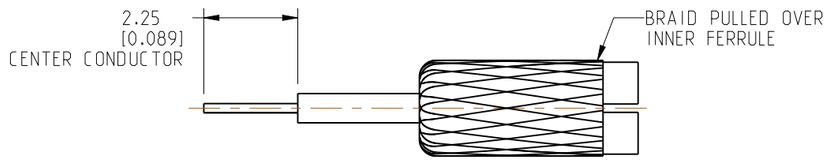
REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	07-JUN-24	17060	SH



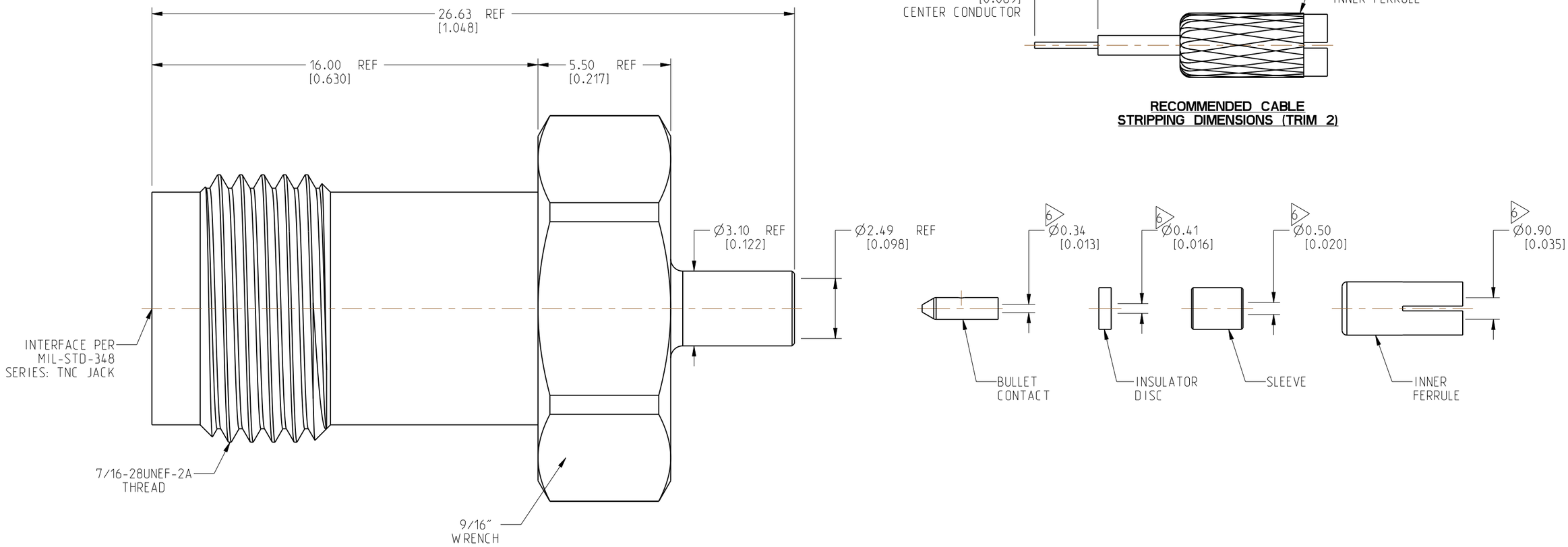
SCALE 1.500



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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THIRD ANGLE PROJ.

REFERENCE	EAR#
	10196

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]
ANGLES = ±1°

MATERIAL: SEE NOTES

ENGR.1	ENGR.2	DATE
BRANDON		28-JAN-21

TITLE: TNC STR JACK FOR 0.81 MM CABLE

SHEET NO. 2 OF 2 | SCALE: 6.0:1.0

Amphenol RF

SIZE	DRAWING NO.	REV
B	31-6968	A
	ITEM NO. 31-6968	
	PART NO. 31-6968	