

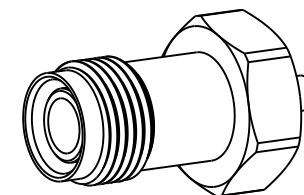
NOTES:

- MATERIALS AND FINISHES:
 BODY, INNER FERRULE & SLEEVE - BRASS, NICKEL PLATING
 CONTACT - BeCu, GOLD PLATING
 BULLET CONTACT - BRASS, GOLD PLATING
 INSULATOR & INSULATOR DISC - PTFE, NATURAL
- 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.
- MECHANICAL:
 A. DURABILITY: 500 CYCLES MIN.
 B. TEMPERATURE RANGE: -65°C TO +165°C

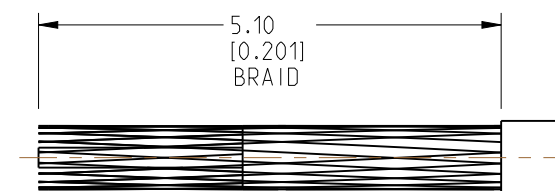
- PACKAGING:
 A. QUANTITY: SINGLE PACK
 B. MARKING: PACKAGING TO BE MARKED
 "AMPHENOL RF, 31-6987 AND DATE CODE"
- CABLE ASSEMBLY INSTRUCTIONS:
 A. TRIM CABLE AS SHOWN (TWO STAGE TRIM).
 B. INSERT CABLE THROUGH INNER FERRULE AND PEEL BRAID BACK, OVER INNER FERRULE.
 C. INSTALL SLEEVE AND INSULATOR DISC 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.

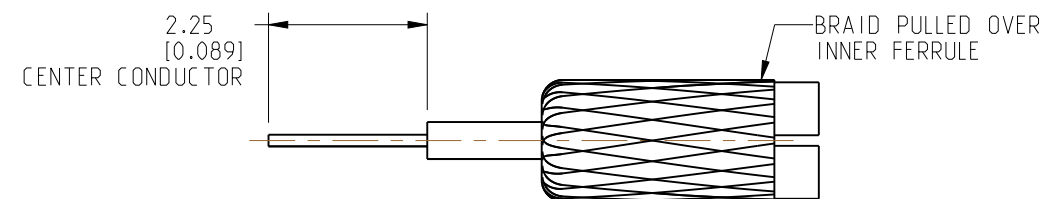
REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	07-JUN-24	17058	SH



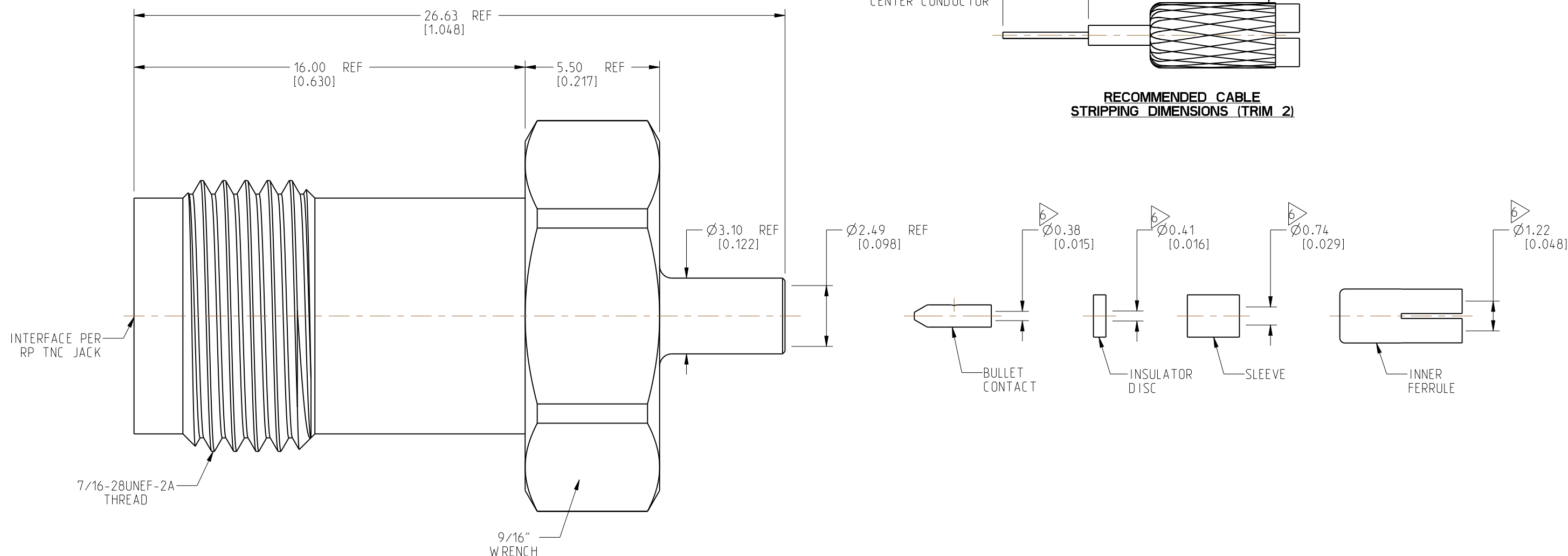
SCALE 1.500



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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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

TITLE
RP TNC STR JACK FOR
1.13 MM CABLE

Amphenol RF

THIRD ANGLE PROJ. REFERENCE EAR# 10196

ANGLES = ±1°

ENGR.1 VIJI K ENGR.2 L.QIN DATE 22-FEB-21

SHEET NO. 2 OF 2 SCALE: 6.0:1.0

SIZE B	DRAWING NO. 31-6987	REV A
	ITEM NO. 31-6987	
	PART NO. 31-6987	

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