

NOTES:

1. MATERIALS AND FINISHES:
 BODY, INNER BODY & FERRULE - BRASS, NICKEL PLATING
 CONTACT - BeCu, GOLD PLATING
 INSULATOR - PTFE, NATURAL
 HEAT SHRINK TUBING - CROSSLINKED POLYOLEFIN, BLACK

2. ELECTRICAL:
 A. IMPEDANCE: 50 OHM
 B. FREQUENCY RANGE: DC - 6 GHz
 C. VSWR: 1.20 MAX. @ DC - 3 GHz
 1.30 MAX. @ 3 - 6 GHz
 D. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.

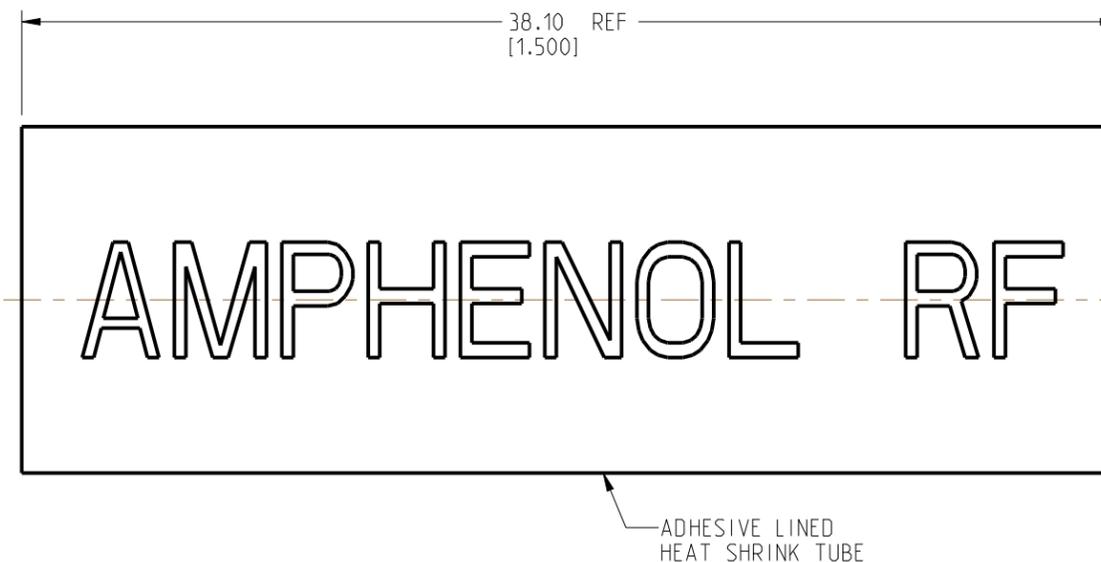
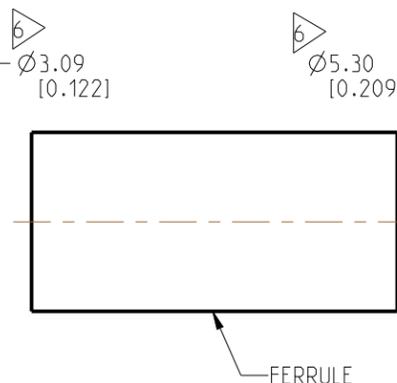
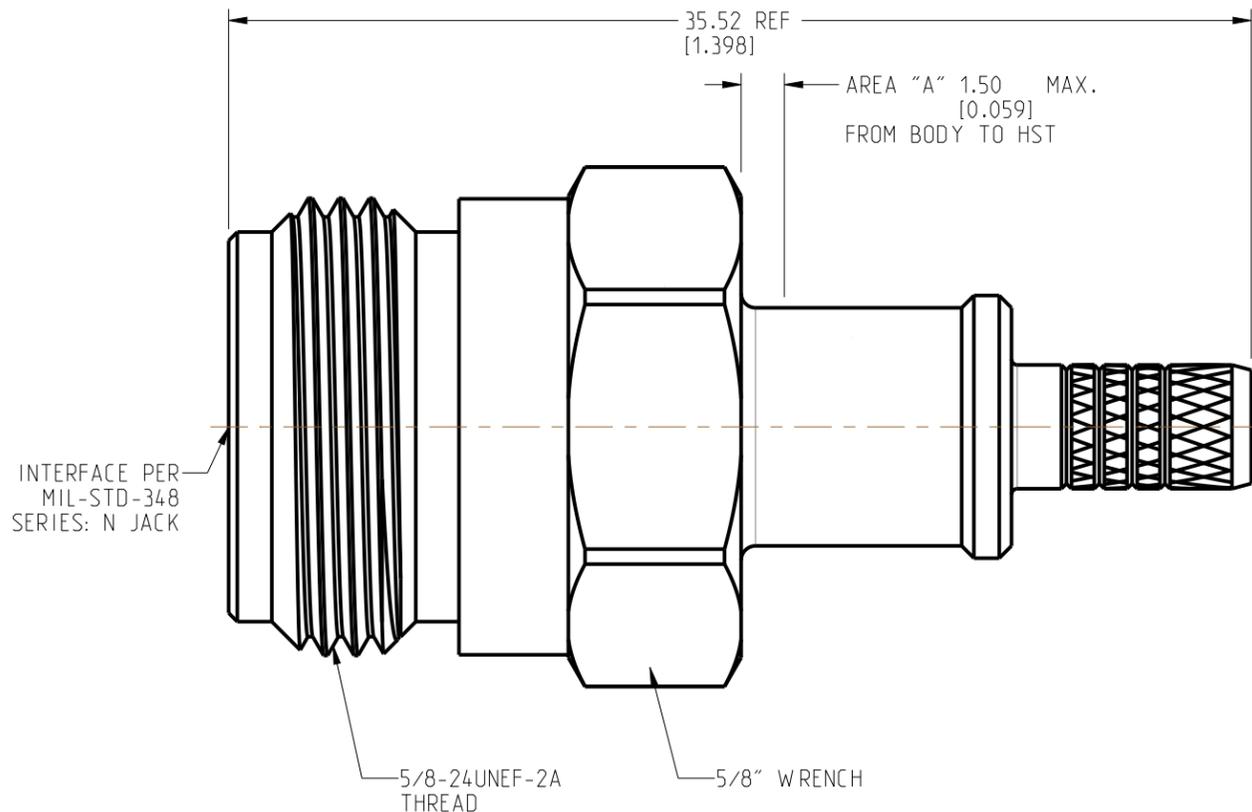
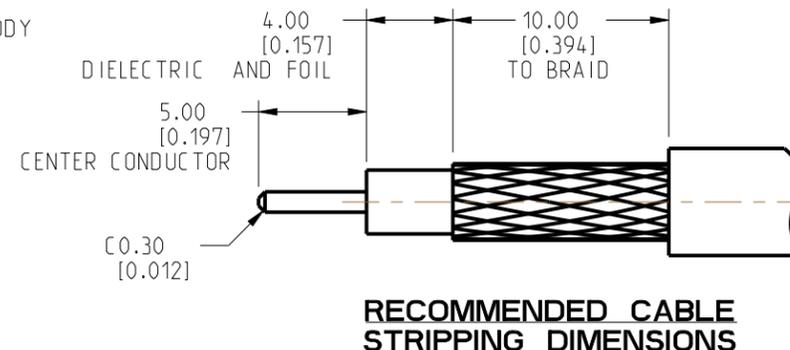
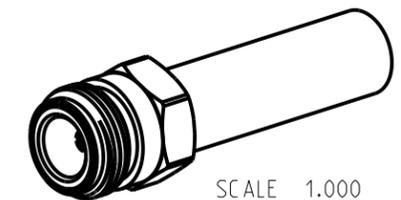
3. MECHANICAL:
 A. DURABILITY: 500 CYCLES MIN.
 B. TEMPERATURE RANGE: -65°C TO +165°C
 C. CONNECTOR MEETS IP 67 REQUIREMENTS IN MATED CONDITION.

4. PACKAGING:
 A. QUANTITY: SINGLE PACK
 B. MARKING: PACKING TO BE MARKED
 "AMPHENOL RF, 82-6808 AND DATE CODE"
 C. FERRULE AND HEAT SHRINK TUBE ARE PACKAGED LOOSE.

5. CABLE ASSEMBLY INSTRUCTIONS:
 A. TRIM CABLE AS SHOWN
 B. SLIDE HEAT SHRINK TUBING, FERRULE ONTO CABLE.
 C. FLARE BRAID SLIGHTLY AND INSERT CABLE INTO BODY UNTIL BOTTOMED.
 D. CRIMP FERRULE OVER BRAID WITH 0.213" HEX DIE.
 E. APPLY HEAT SHRINK TUBING OVER FERRULE.
 F. HEAT SHRINK TUBING SHOULD FULLY (360 DEG) COVER THE BUMP ON BODY AND END WITHIN AREA "A"

6 SHOW CABLE ENTRY DIMENSIONS.

REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	24-DEC-25	17703	LEO
B	ONE CRIMP WAS EZ CRIMP	05-FEB-26	17755	VK



AMPHENOL RF

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 [$\pm 0.020 = \pm 0.002$]
 0.5 - 6mm = ±0.1mm [$\pm 0.020 - 0.236 = \pm 0.004$]
 >6.00 - 30mm = ±0.2mm [$\pm 0.236 - 1.181 = \pm 0.008$]
 >30.00 - 120mm = ±0.3mm [$\pm 1.181 - 4.725 = \pm 0.012$]

MATERIAL: SEE NOTES
 ENGR.1: THAMBI RAJ
 ENGR.2: [blank]
 DATE: 07-MAR-25

TITLE: N STR JACK ONE CRIMP FOR LMR 195 CABLE (SOLID CENTER CONDUCTOR)
 SHEET NO. 2 OF 2
 SCALE: 4.0:1.0

Amphenol RF
 DRAWING NO. 82-6808
 ITEM NO. 82-6808
 PART NO. 82-6808
 REV: B

THIRD ANGLE PROJ. [Symbol]

REFERENCE: EAR# 12096

ANGLES = ±1°