

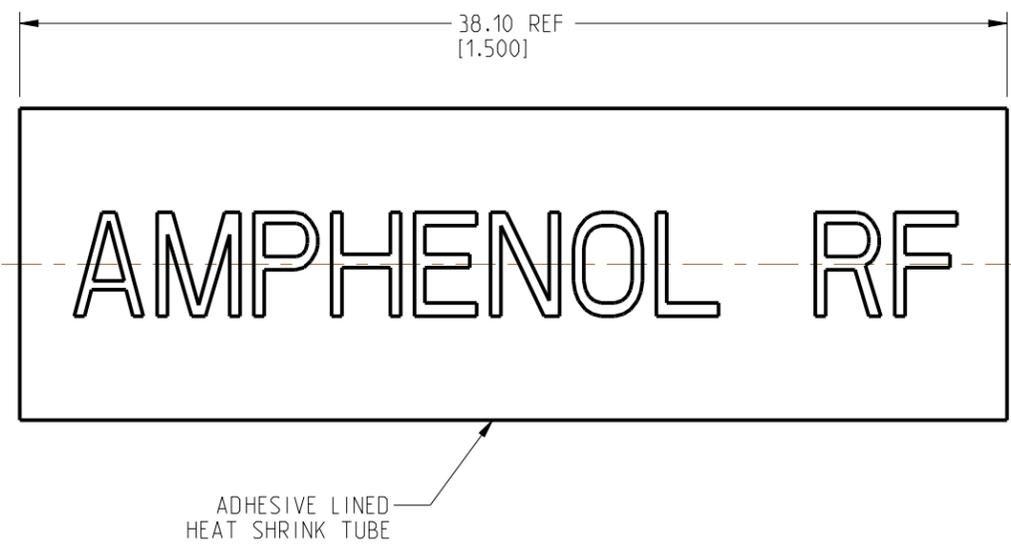
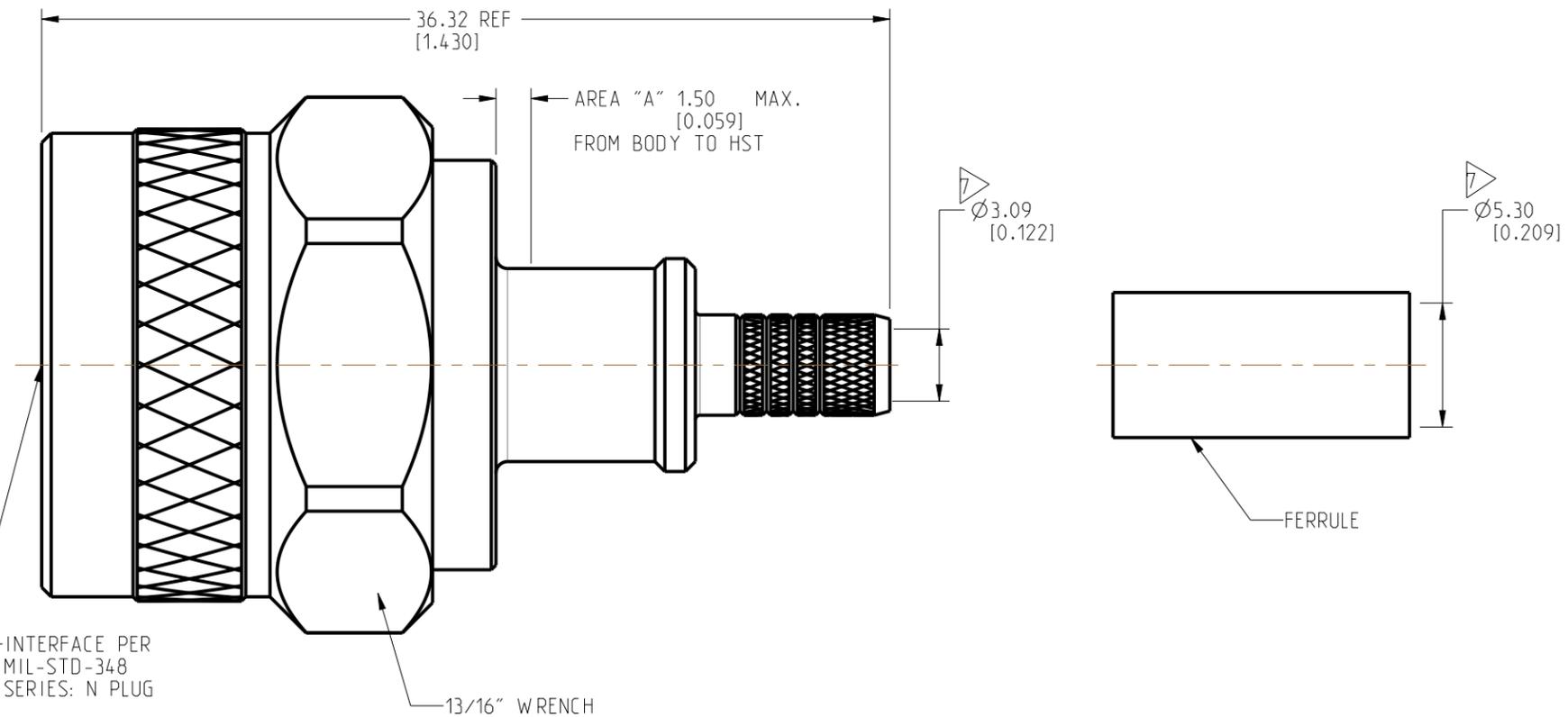
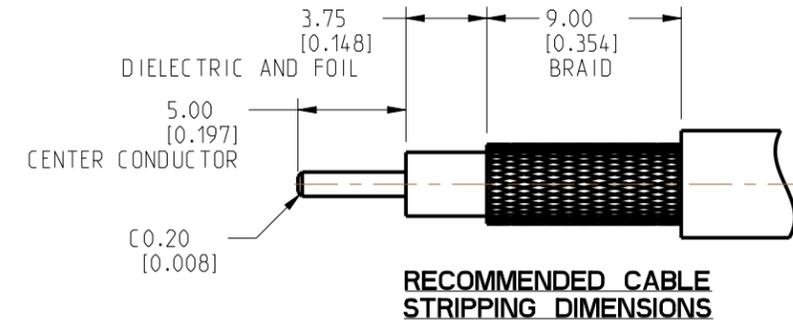
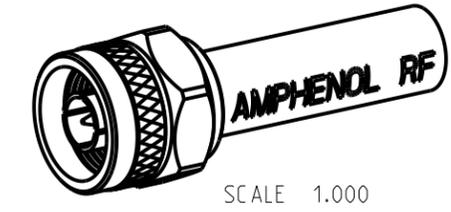
NOTES:

1. MATERIALS AND FINISHES:
 BODY, OUTER CONTACT, COUPLING NUT & FERRULE - BRASS, NICKEL PLATING
 CONTACT - BeCu, GOLD PLATING
 INSULATOR - PTFE, NATURAL
 GASKET - SILICONE RUBBER, RED
 RETAINING RING - SUS 304, 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: PACKAGING TO BE MARKED "AMPHENOL RF, 82-6812 AND DATE CODE"
 C. FERRULE AND HEAT SHRINK TUBE ARE PACKAGED LOOSE
5. RECOMMENDED CABLE ASSEMBLY INSTRUCTIONS:
 A. TRIM CABLE AS SHOWN
 B. SLIDE HEAT SHRINK TUBING AND FERRULE ONTO CABLE.
 C. FLAIR 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 BUMPS ON BODY AND END WITHIN AREA "A".
6. RECOMMENDED COUPLING TORQUE : 6-10 IN-LBS.

7. SHOWS CABLE ENTRY DIMENSIONS.

REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	24-DEC-25	17704	LEO
B	ONE CRIMP WAS EZ CRIMP	05-FEB-26	17755	VK



CUSTOMER OUTLINE DRAWING
 ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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THIRD ANGLE PROJ. REFERENCE		ENGR.1 RANISH ENGR.2 JACK LIANG DATE 06-MAR-25		SHEET NO. 2 OF 2 SCALE: 3.6:1.0		SIZE B DRAWING NO. 82-6812 ITEM NO. 82-6812 PART NO. 82-6812		REV B	