

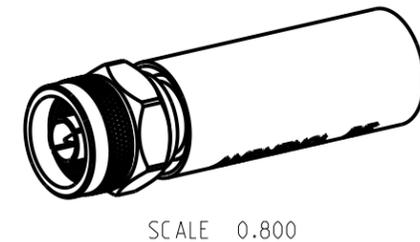
NOTES:

1. MATERIALS AND FINISHES:  
 BODY, OUTER CONTACT & COUPLING NUT - BRASS, NICKEL PLATING  
 CONTACT - BeCu, GOLD PLATING  
 INSULATOR - PTFE, NATURAL  
 GASKET - SILICONE RUBBER, RED  
 RETAINING RING - SUS 304, NATURAL  
 FERRULE - COPPER, NICKEL PLATING  
 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.

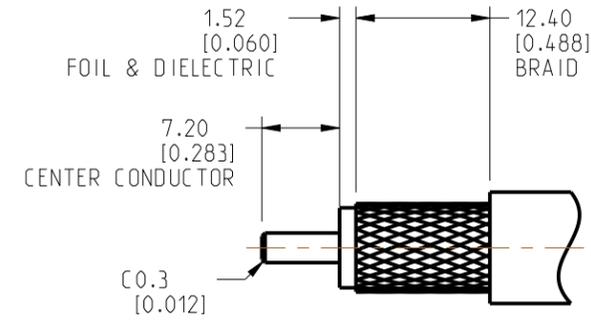
4. PACKAGING:  
 A. QUANTITY: SINGLE PACK  
 B. MARKING: PACKAGING TO BE MARKED "AMPHENOL RF, 82-6814 AND DATE CODE"
5. RECOMMENDED CABLE ASSEMBLY INSTRUCTIONS:  
 A. TRIM CABLE AS SHOWN & MAKE SURE CUTS ARE SHARP & SQUARE.  
 B. SLIDE HEAT SHRINK TUBING AND FERRULE ONTO CABLE.  
 C. FLARE BRAID SLIGHTLY AND INSERT CABLE INTO BODY UNTIL BOTTOMED.  
 D. CRIMP FERRULE OVER BRAID WITH 0.429" 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. RECOMMENDED COUPLING TORQUE : 6-10 IN-LBS.
7. SHOW CABLE ENTRY DIMENSIONS.

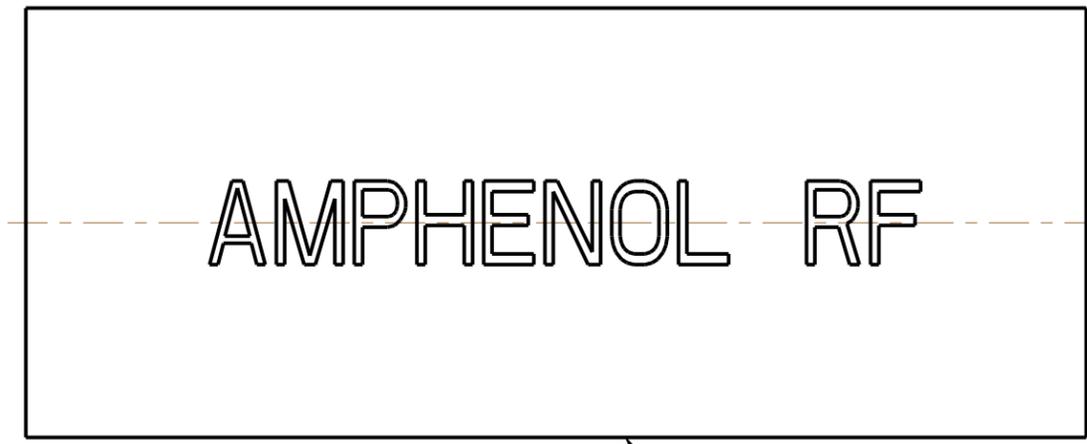
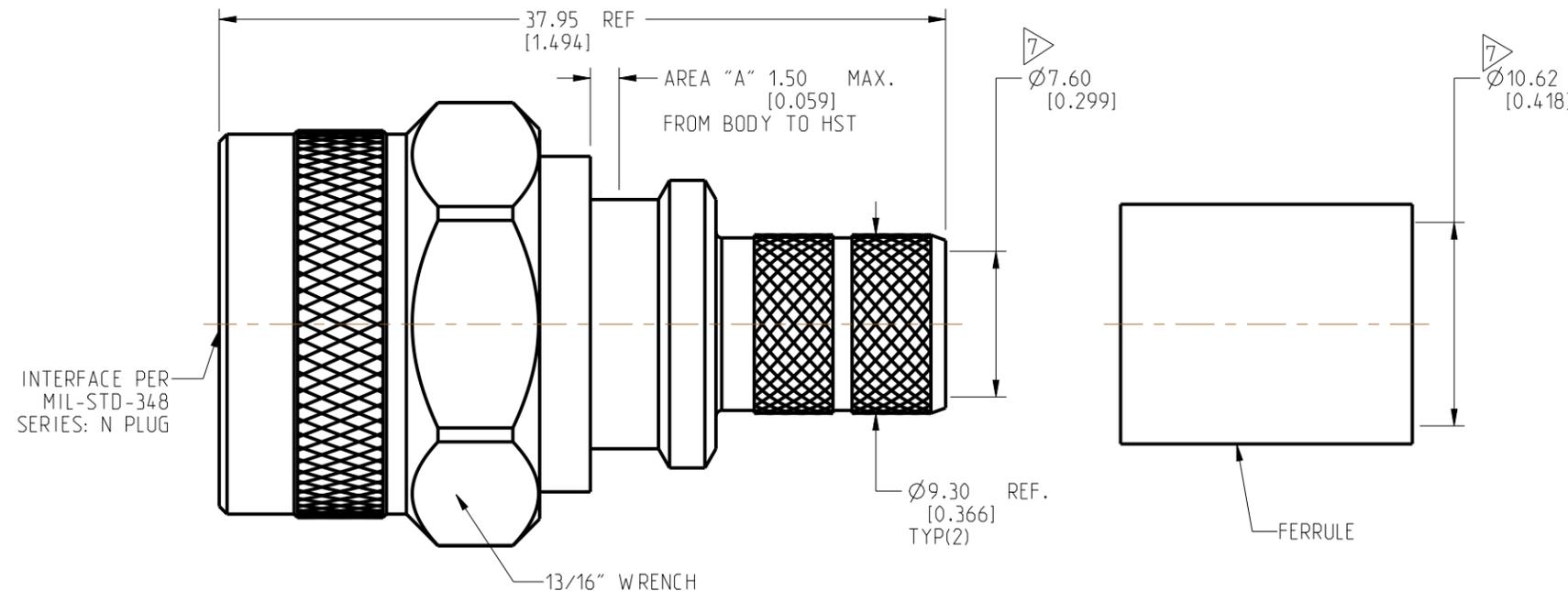
REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	08-DEC-25	17667	LQ
B	ONE CRIMP WAS EZ CRIMP	05-FEB-26	17755	VK



SCALE 0.800



**RECOMMENDED CABLE STRIPPING DIMENSIONS**



**CUSTOMER OUTLINE DRAWING**  
 ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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THIRD ANGLE PROJ.  REFERENCE		ENGR.1 R KARTHIK ENGR.2 M.ZHANG DATE 14-Oct-25		SHEET NO. 2 OF 2 SCALE: 2.9:1.0		DRAWING NO. 82-6814 ITEM NO. 82-6814 PART NO. 82-6814		REV B	