

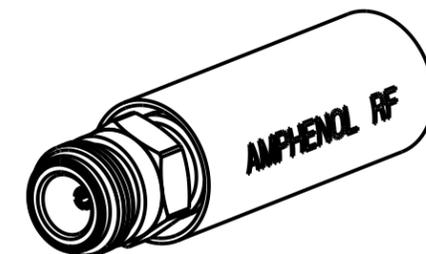
NOTES:

1. MATERIALS AND FINISHES:  
 BODY & INNER BODY - BRASS, NICKEL PLATING  
 CONTACT - BeCu, GOLD PLATING  
 INSULATOR - PTFE, 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.

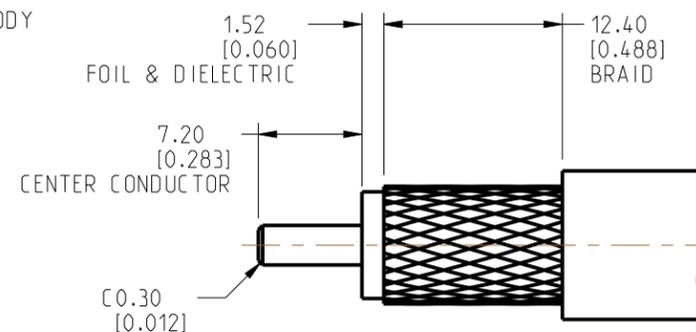
4. PACKAGING:  
 A. QUANTITY: SINGLE PACK  
 B. MARKING: PACKING TO BE MARKED  
 "AMPHENOL RF, 82-6810 AND DATE CODE"
5. RECOMMENDED CABLE ASSEMBLY INSTRUCTIONS:  
 A. TRIM CABLE AS SHOWN & MAKE SURE CUTS ARE SHARP & SQUARE.  
 B. SLIDE HEAT SHRINK TUBING AND FERRULE ONTO CABLE.  
 C. FLARE BRAID SLIGHTLY 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 SHOW CABLE ENTRY DIMENSIONS.

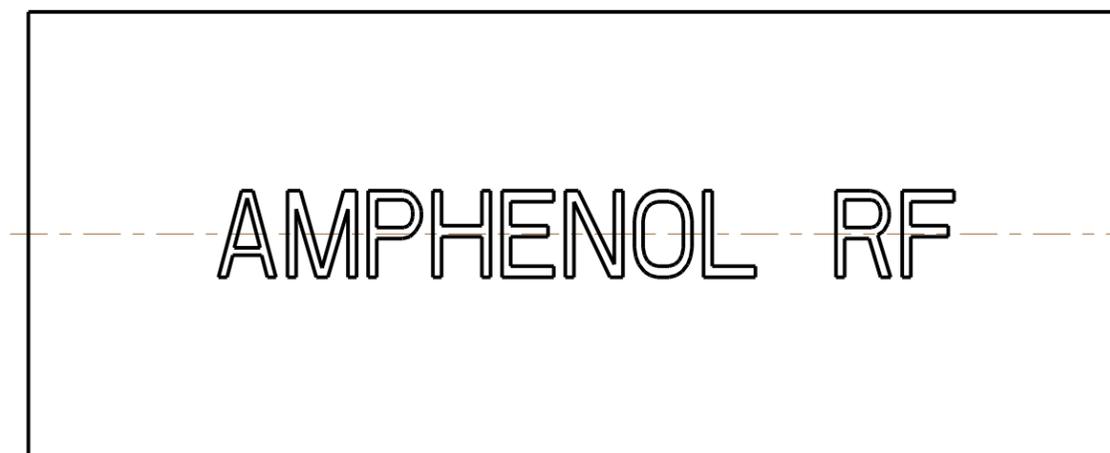
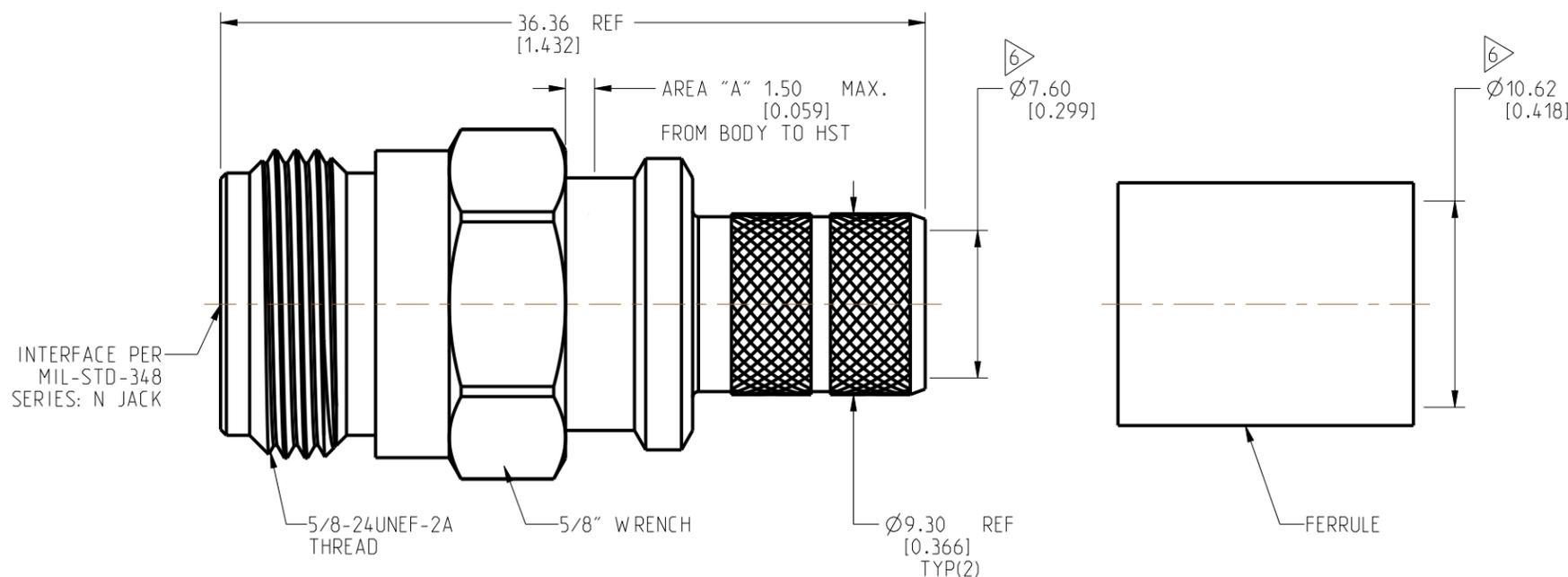
REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	08-DEC-25	17667	LQ
B	ONE CRIMP WAS EZ CRIMP	05-FEB-26	17755	VK



SCALE 1.000



RECOMMENDED CABLE STRIPPING DIMENSIONS



ADHESIVE LINED HEAT SHRINK TUBE

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

NOTICE: These drawings, specifications, or other data (1) are, and remain the property of Amphenol corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. The furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights to permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data.

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  
 N STR JACK ONE CRIMP FOR LMR 400 CABLE (SOLID CENTER CONDUCTOR)

SIZE B	DRAWING NO. 82-6810	REV B
	ITEM NO. 82-6810	
	PART NO. 82-6810	

THIRD ANGLE PROJ.	REFERENCE	EAR# 12096
-------------------	-----------	------------

ENGR.1 RANISH	ENGR.2 M.ZHANG	DATE 13-Oct-25	SHEET NO. 2 OF 2	SCALE: 3.0:1.0
---------------	----------------	----------------	------------------	----------------