

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

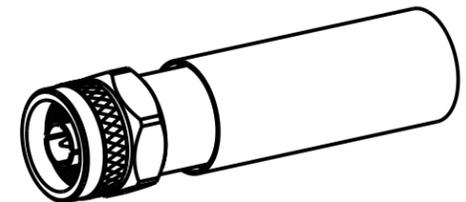
2. ELECTRICAL:
 A. IMPEDANCE: 50 OHM
 B. FREQUENCY RANGE: DC - 6 GHz
 C. VSWR: 1.20 MAX. DC - 3 GHz
 1.30 MAX. 3 - 6 GHz
 D. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.

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

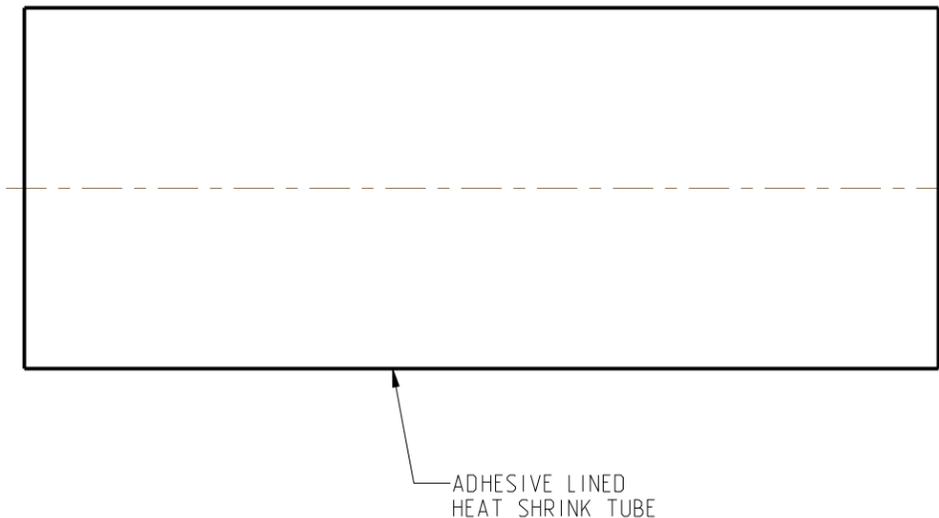
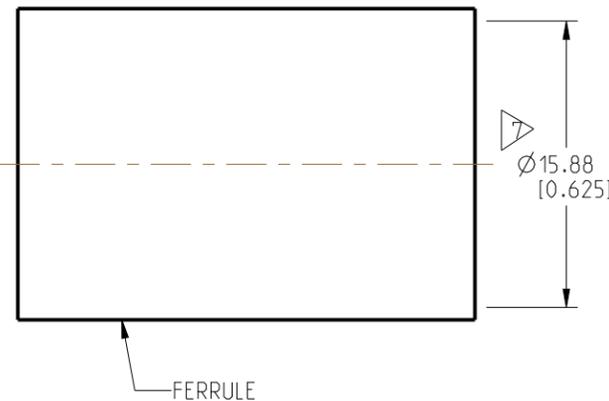
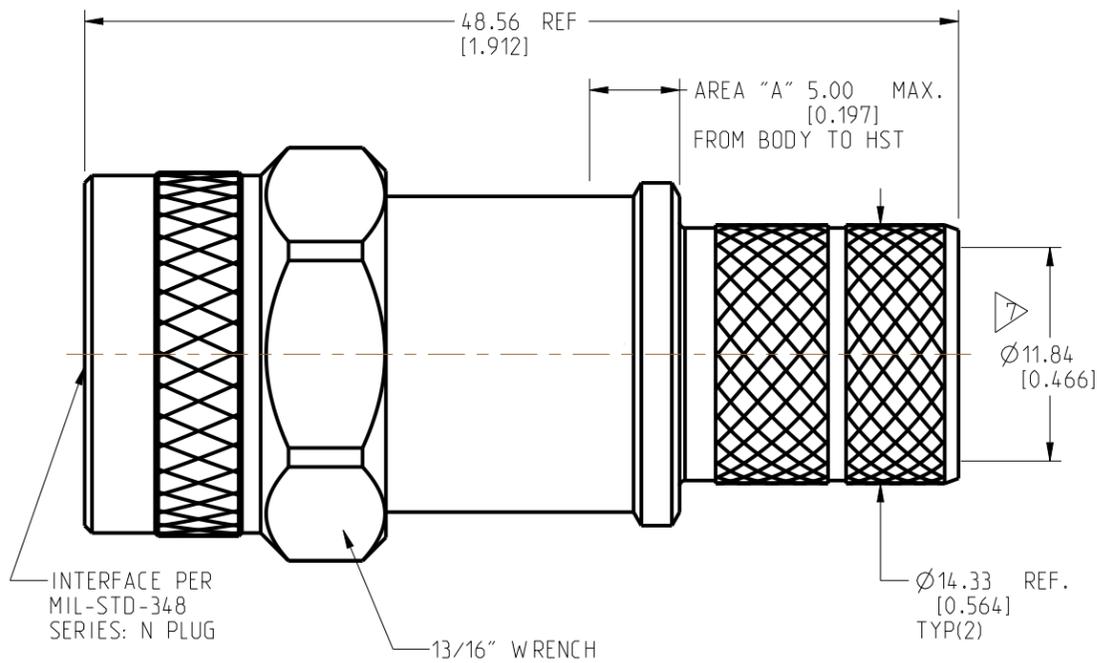
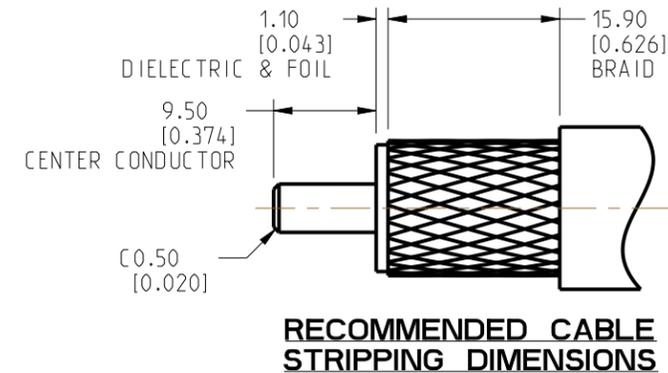
4. PACKAGING:
 A. QUANTITY: SINGLE PACK
 B. MARKING: PACKAGING TO BE MARKED
 "AMPHENOL RF, 82-6815 AND DATE CODE"
5. CABLE ASSEMBLY INSTRUCTIONS:
 A. TRIM CABLE AS SHOWN & MAKE SURE CUTS ARE SHARP & SQUARE.
 B. SLIDE HEAT SHRINK TUBING AND FERRULE ONTO CABLE.
 C. FLARE BRAID SLIGHTLY AND INSERT CABLE INTO BODY UNTIL BOTTOMED.
 D. CRIMP FERRULE OVER BRAID WITH 0.610" 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	17668	LQ
B	ONE CRIMP WAS EZ CRIMP	05-FEB-26	17755	VK



SCALE 0.800



CUSTOMER OUTLINE DRAWING
 ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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THIRD ANGLE PROJ.		REFERENCE		ENGR.1 SIVA		ENGR.2 M.ZHANG		DATE 14-Oct-25	
EAR# 12096		SHEET NO. 2 OF 2		SCALE: 2.5:1.0		DRAWING NO. 82-6815		REV B	
						ITEM NO. 82-6815			
						PART NO. 82-6815			