

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

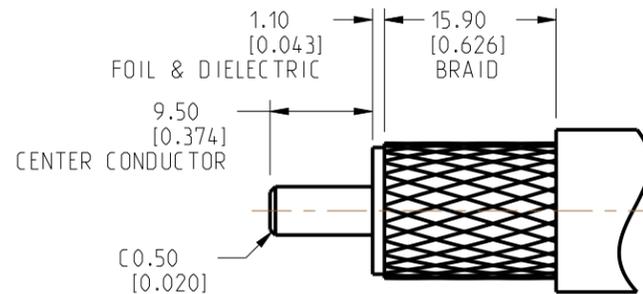
2. ELECTRICAL:
 A. IMPEDANCE: 50 OHM
 B. FREQUENCY RANGE: DC - 6 GHz
 C. VSWR: 1.20 MAX. DC - 3 GHz
 1.30 MAX. 3 - 6 GHz
 D. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.

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

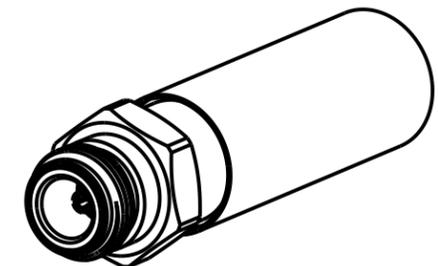
4. PACKAGING:
 A. QUANTITY: SINGLE PACK.
 B. MARKING: PACKAGING TO BE MARKED "AMPHENOL RF, 82-6811 AND DATE CODE".
5. RECOMMENDED CABLE ASSEMBLY INSTRUCTIONS:
 A. TRIM CABLE AS SHOWN & MAKE SURE CUTS ARE SHARP & SQUARE.
 B. SLIDE HEAT SHRINK TUBING AND FERRULE ONTO CABLE.
 C. FLARE BRAID SLIGHTLY AND INSERT CABLE INTO BODY UNTIL BOTTOMED.
 D. CRIMP FERRULE OVER BRAID WITH 0.610" 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 SHOWS CABLE ENTRY DIMENSIONS.

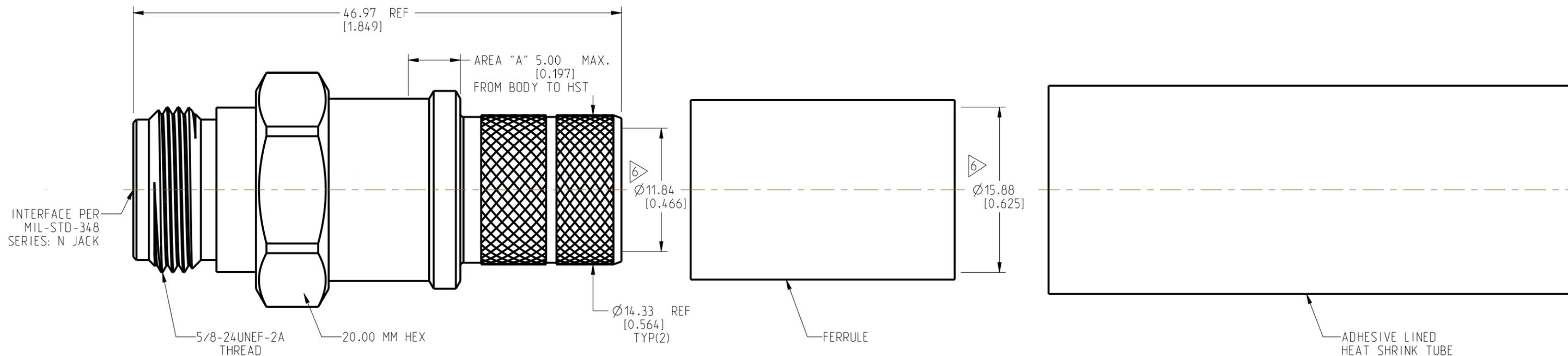
| REVISIONS | | | | |
|-----------|------------------------|-----------|-------|----|
| REV | DESCRIPTION | DATE | ECN | BY |
| A | RELEASE TO MFG. | 08-DEC-25 | 17668 | LQ |
| B | ONE CRIMP WAS EZ CRIMP | 05-FEB-26 | 17755 | VK |



RECOMMENDED CABLE STRIPPING DIMENSIONS



SCALE 1.000



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 [-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
 ENGR.1: RANISH
 ENGR.2: M.ZHANG
 DATE: 14-Oct-25

TITLE: N STR JACK ONE CRIMP FOR LMR 600 CABLE (SOLID CENTER CONDUCTOR)
 SHEET NO. 2 OF 2
 SCALE: 2.7:1.0

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|-------------|--|------|---------------------|----------|
| Amphenol RF | | SIZE | DRAWING NO. 82-6811 | REV B |
| | | | ITEM NO. 82-6811 | |
| | | | PART NO. 82-6811 | |

THIRD ANGLE PROJ. REFERENCE EAR# 12096

ANGLES = ±1°

DATE: 14-Oct-25

SHEET NO. 2 OF 2 SCALE: 2.7:1.0

REV B