

NOTES:

1. MATERIALS AND FINISHES:

BODY, OUTER CONTACT, COUPLING NUT AND FERRULE - BRASS, BLACK CHROMATE OVER NICKEL
 BULLET CONTACT - BRASS, GOLD PLATING
 CONTACT - BeCu, GOLD PLATING
 INSULATOR AND INSULATOR DISC - PTFE, NATURAL
 RETAINING RING - STAINLESS STEEL, NATURAL
 GASKET AND O-RING - SILICON RUBBER, RED
 HEAT SHRINK TUBING - CROSSLINKED POLYOLEFIN, BLACK

2. ELECTRICAL:

A. IMPEDANCE: 50 OHM
 B. FREQUENCY RANGE: DC - 6 GHz
 C. VSWR: 1.10 MAX.
 D. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS. MIN.

3. MECHANICAL:

A. DURABILITY: 500 CYCLES MIN.
 B. TEMPERATURE RANGE: -65°C TO +165°C
 C. COSMETIC PARAMETERS OF PLATING PER AMPHENOL SPEC. 349-50966.

4. PACKAGING:

A. QUANTITY: SINGLE PACK
 B. MARKING PACKAGING TO BE MARKED "AMPHENOL RF, 82-6556-BC AND DATE CODE"

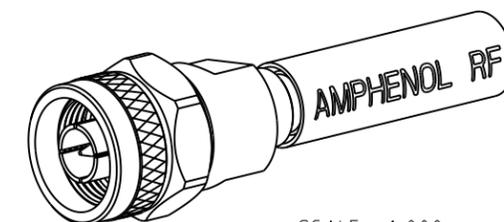
5. RECOMMENDED CABLE ASSEMBLY INSTRUCTIONS:

A. TRIM CABLE AS SHOWN.
 B. SLIDE HEAT SHRINK TUBING, FERRULE AND INSULATOR DISC ONTO CABLE.
 C. SOLDER CENTER CONDUCTOR TO CONTACT.
 D. INSERT CABLE WITH FOIL ENTERING CONNECTOR AND BRAID OVER KNURL.
 E. CRIMP FERRULE OVER BRAID WITH 0.255" HEX DIE.
 F. APPLY HEAT SHRINK TUBING OVER FERRULE.
 G. HEAT SHRINK TUBING SHOULD FULLY (360 DEG) COVER THE BUMP ON BODY AND END WITHIN AREA "A"

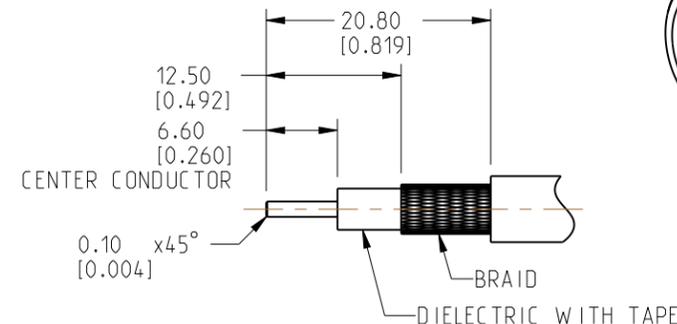
6. RECOMMENDED COUPLING TORQUE: 6-10 IN.-LBS.

7. SHOWS CABLE ENTRY DIMENSIONS.

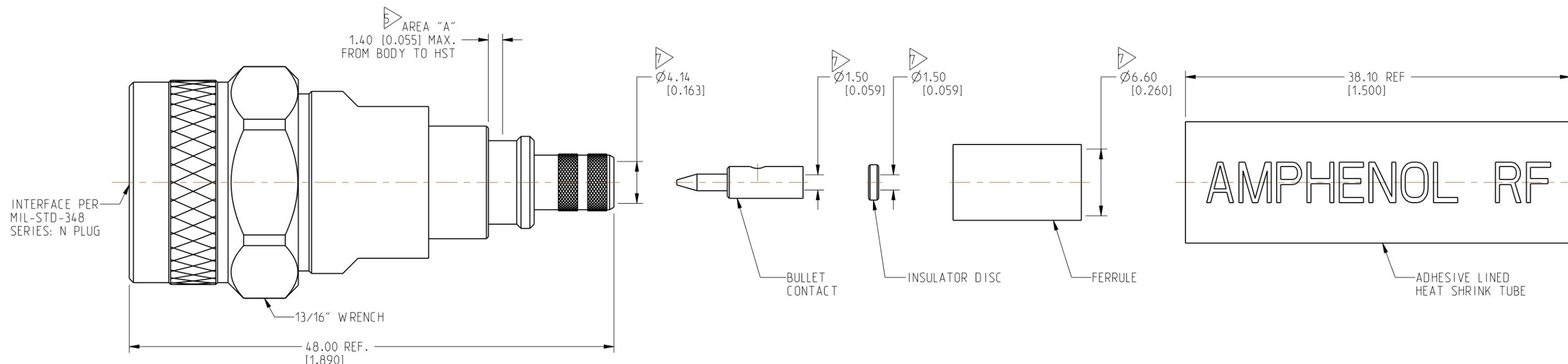
REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	08-FEB-23	16561	SH



SCALE 1.000



RECOMMENDED CABLE STRIPPING DIMENSIONS



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 [$<0.020 = \pm 0.002$]
 0.5 - 6mm = ±0.1mm [$>0.020 - 0.236 = \pm 0.004$]
 >6.00 - 30mm = ±0.2mm [$>0.236 - 1.181 = \pm 0.008$]
 >30.00 - 120mm = ±0.3mm [$>1.181 - 4.725 = \pm 0.012$]
 ANGLES = ±1°

MATERIAL: SEE NOTES
 ENGR.1: D INESH A
 ENGR.2: M.ZHANG
 DATE: 24-OCT-22

TITLE: N STR PLUG IP 67 FOR LMR 240 UF CABLE BLACK PLATED
 SHEET NO. 2 OF 2
 SCALE: 2.6:1.0

Amphenol RF
 DRAWING NO. 82-6556-BC
 ITEM NO. 82-6556-BC
 PART NO. 82-6556-BC
 REV: A

THIRD ANGLE PROJ.

REFERENCE: 82-6556
 EAR#: 11378