

NOTES:

1. MATERIALS AND FINISHES:

BODY, FERRULE & COUPLING NUT - BRASS, TIN-NICKEL ALLOY PLATING
 CONTACT - BeCu, GOLD PLATING
 BULLET CONTACT - BRASS, GOLD PLATING
 RETAINING RING - STAINLESS STEEL, TIN-NICKEL ALLOY PLATING
 INSULATOR & INSULATOR DISC - PTFE, NATURAL
 O-RING - SILICONE RUBBER, BLACK
 GASKET - SILICONE RUBBER, RED
 HEAT SHRINK TUBING - CROSSLINKED POLYOLEFIN, BLACK

2. ELECTRICAL:

A. IMPEDANCE: 50 OHM
 B. FREQUENCY RANGE: DC - 6 GHz
 C. VSWR: 1.30 MAX. @ DC - 3 GHz
 1.60 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. THE ASSEMBLY IS IN THE MATED AND FULLY ASSEMBLED CONDITION, WHICH INCLUDES THE HST COVERAGE AFTER ASSEMBLY, SALT SPRAY PER MIL-STD-202, METHOD 101, WITH FOLLOWING PARAMETERS:
 1) TEST CONDITION B
 2) 5% SALT SOLUTION
 3) CYCLE REPEATED TO 720 HOURS

4. PACKAGING:

A. QUANTITY: SINGLE PACK
 B. MARKING: BAG TO BE MARKED "AMPHENOL RF, 82-6817-EE, AND DATE CODE"

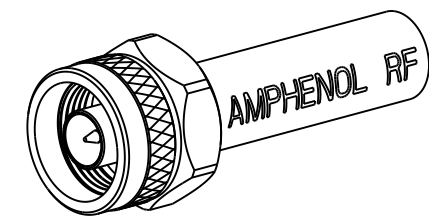
5. CABLE ASSEMBLY INSTRUCTIONS:

A. TRIM CABLE AS SHOWN.
 B. SLIDE HEAT SHRINK TUBING, FERRULE AND INSULATOR DISC ONTO CABLE.
 C. SOLDER CENTER CONDUCTOR TO BULLET CONTACT.
 D. INSERT CABLE WITH FOIL ENTERING CONNECTOR AND BRAID OVER KNURL.
 E. CRIMP FERRULE OVER BRAID WITH .213" 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"

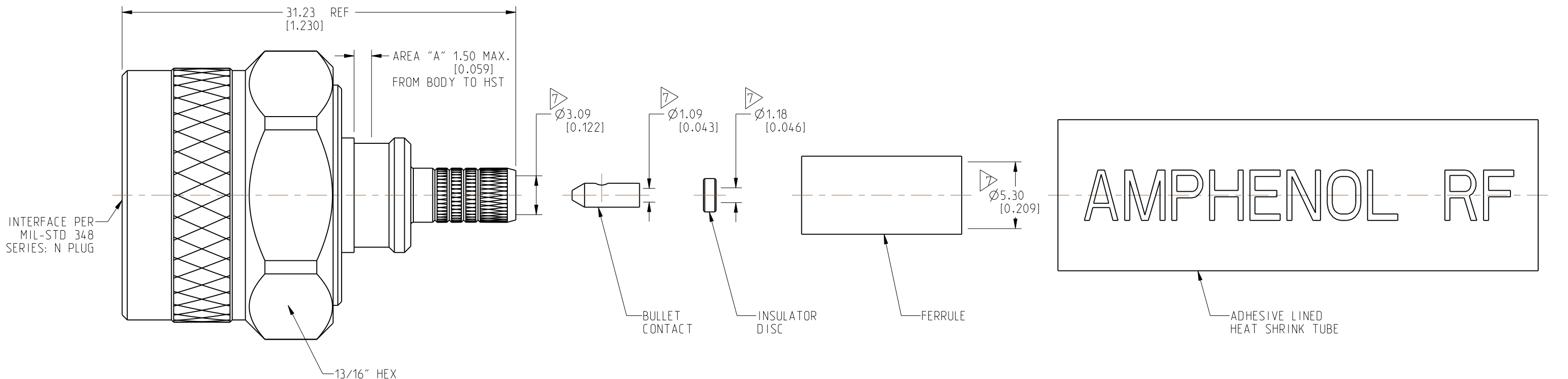
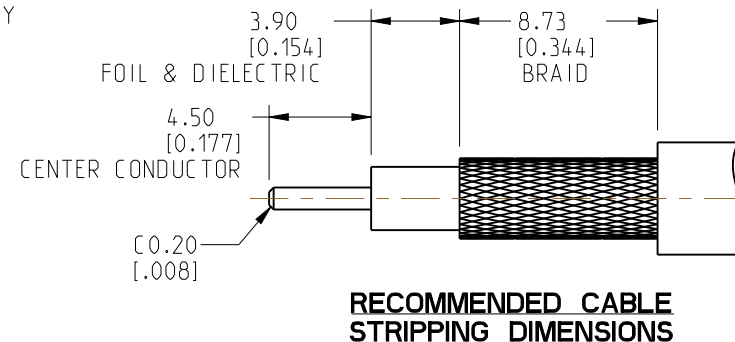
6. RECOMMENDED COUPLING TORQUE : 6-10 IN-LBS.

7 SHOWS CABLE ENTRY DIMENSIONS.

REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	14-MAY-25	17430	SH



SCALE 1.000



CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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THIRD ANGLE PROJ.	REFERENCE	ENGR.1 CLEMENT	ENGR.2 M.ZHANG	DATE 21-Apr-25	SHEET NO. 2 OF 2	SCALE: 3.3:1.0	SIZE B	DRAWING NO. 82-6817-EE ITEM NO. 82-6817-EE PART NO. 82-6817-EE	REV A
EAR# 12374		ANGLES = ±1°							