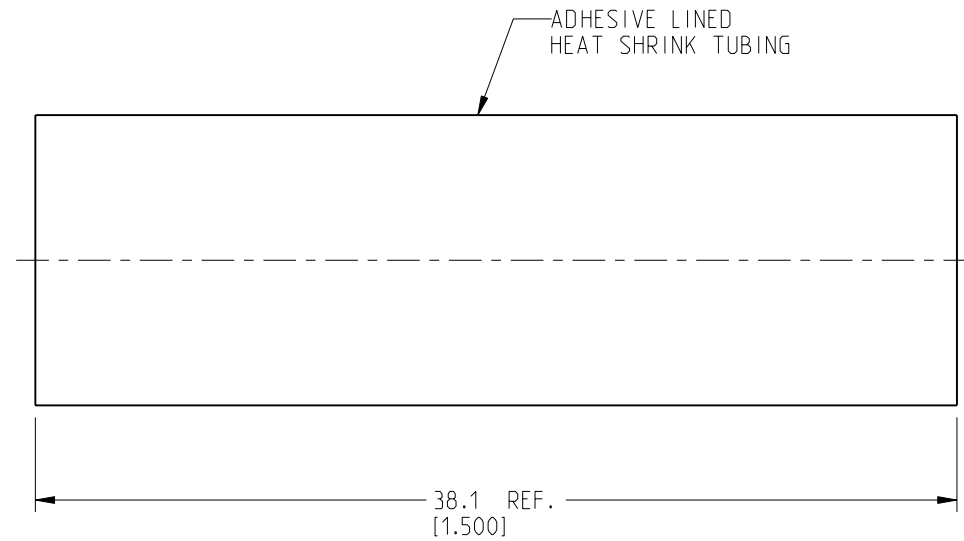
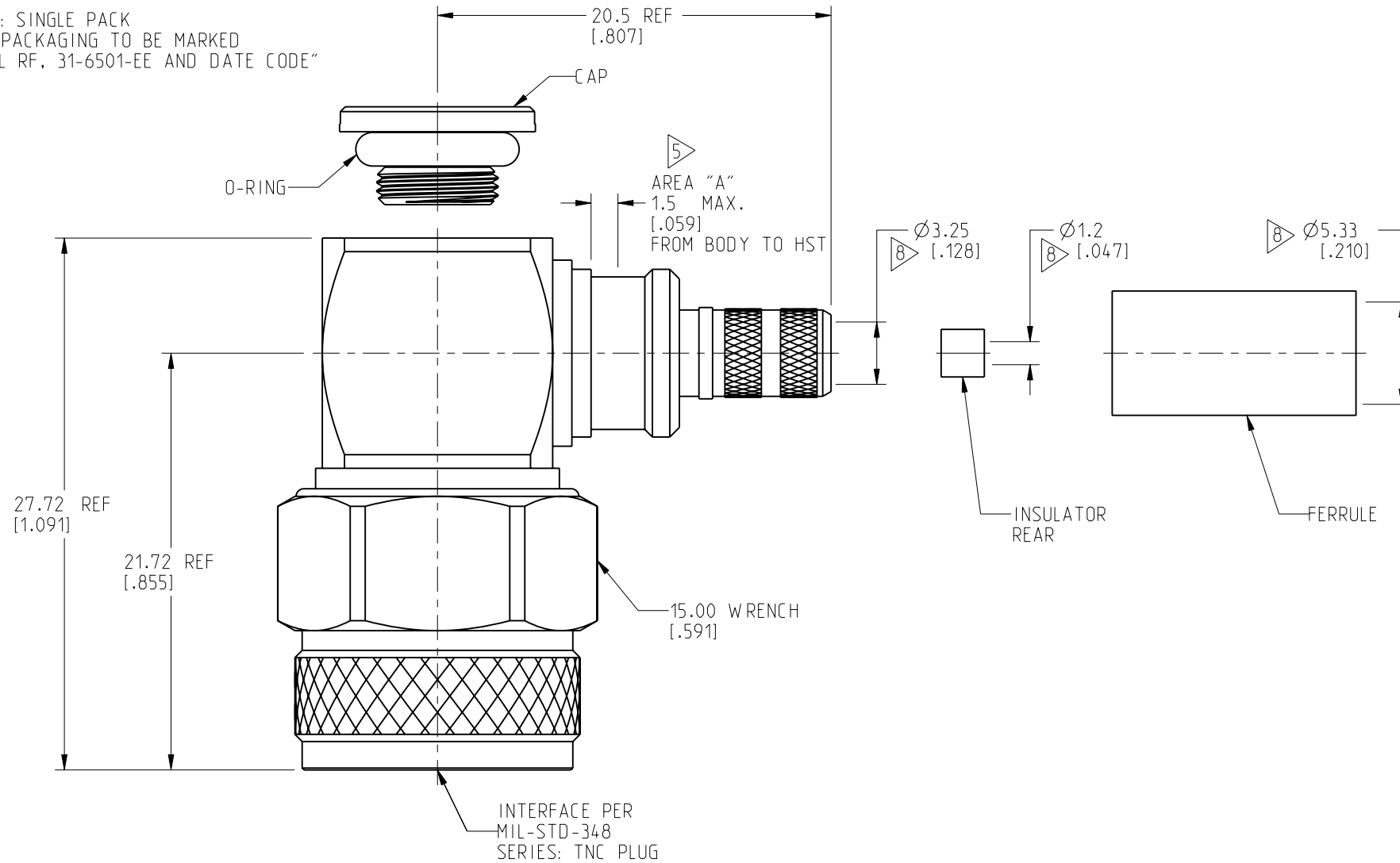
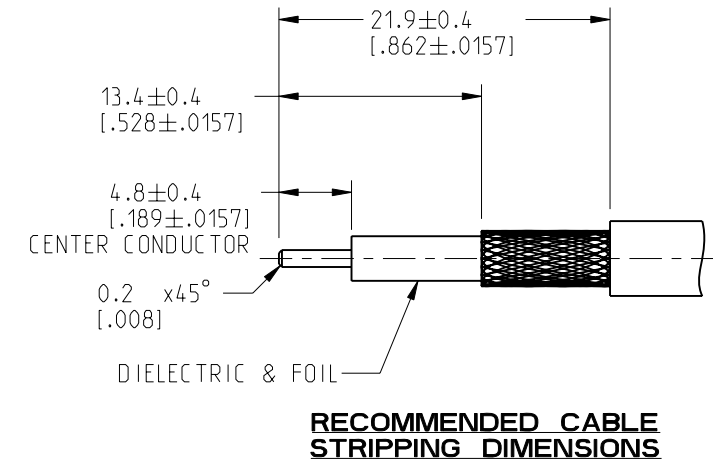
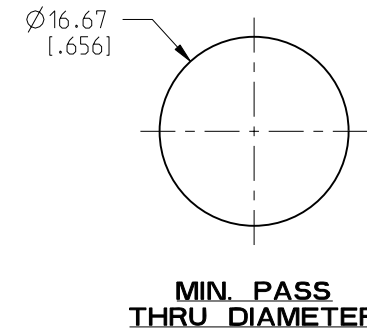
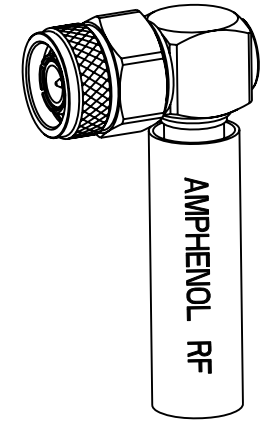


NOTES:

1. MATERIALS AND FINISHES:
 BODY, BODY-REAR, COUPLING NUT & CAP - BRASS, TIN-NICKEL ALLOY PLATING
 CONTACT - BRASS, GOLD PLATING
 INSULATOR - PTFE, NATURAL
 INSULATOR REAR - ULTEM, NATURAL
 FERRULE - SEAMLESS COPPER TUBE, TIN-NICKEL ALLOY PLATING
 GASKET, O-RING - SILICONE RUBBER, RED
 HEAT SHRINK TUBING - CROSSLINKED POLYOLEFIN, BLACK
2. ELECTRICAL:
 A. IMPEDANCE: 50 OHM
 B. FREQUENCY RANGE: DC - 6 GHz
 C. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.
3. MECHANICAL:
 A. DURABILITY: 500 CYCLES MIN.
 B. TEMPERATURE RANGE: -40°C TO +85°C
 C. 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: PACKAGING TO BE MARKED "AMPHENOL RF, 31-6501-EE AND DATE CODE"

5. CABLE ASSEMBLY INSTRUCTIONS:
 A. TRIM CABLE AS SHOWN.
 B. SLIDE HEAT SHRINK TUBING, FERRULE AND INSULATOR REAR ONTO CABLE.
 C. INSERT CABLE WITH FOIL ENTERING CONNECTOR AND BRAID OVER KNURL.
 D. SOLDER CONTACT TO CABLE CENTER CONDUCTOR.
 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. CAP ASSEMBLY INSTRUCTIONS:
 A. PLACE O-RING ON CAP AS SHOWN.
 B. ASSEMBLE CAP TO BODY WITH 16-32 IN-OZ TORQUE.
7. RECOMMENDED COUPLING TORQUE: 4-6 IN-LBS.
8. SHOWS CABLE ENTRY DIMENSIONS.

REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	08-Jul-22	16313	SH



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 [$<0.020 = \pm 0.002$]
 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 [$>1.181 - 4.725 = \pm 0.012$]

MATERIAL
 SEE NOTES

ENGR.1
 D INESH A

ENGR.2
 M.ZHANG

DATE
 30-Jun-22

TITLE
 TNC RA PLUG IP 67
 FOR LMR 200 CABLE
 EXTREME EXPOSURE

SHEET NO. 2 OF 2

SCALE: 3.2:1.0

Amphenol RF		REV
		A
		SIZE
B	DRAWING NO. 31-6501-EE	REV
ITEM NO. 31-6501-EE		
PART NO. 31-6501-EE		

THIRD ANGLE PROJ.	REFERENCE 31-6501	EAR# 11329
-------------------	----------------------	---------------

ANGLES = ±1°

DATE
30-Jun-22

SHEET NO. 2 OF 2

SCALE: 3.2:1.0