NOTES:

1. MATERIALS AND FINISHES:
   BODY, BODY REAR - BRASS, NICKEL PLATING
   CONTACT - BRASS, GOLD PLATING
   INSULATOR - PTFE
   COUPLING NUT - BRASS, NICKEL PLATING
   CAP - BRASS, NICKEL PLATING
   FERRULE - SEAMLESS COPPER TUBE, NICKEL PLATING
   GASKET, O-RING - SILICONE RUBBER
   HEAT SHRINK TUBING - CROSSLINKED POLYOLEFIN

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 +130° C

4. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: BAG TO BE MARKED "AMPHENOLRF, 31-6594, AND DATE CODE"

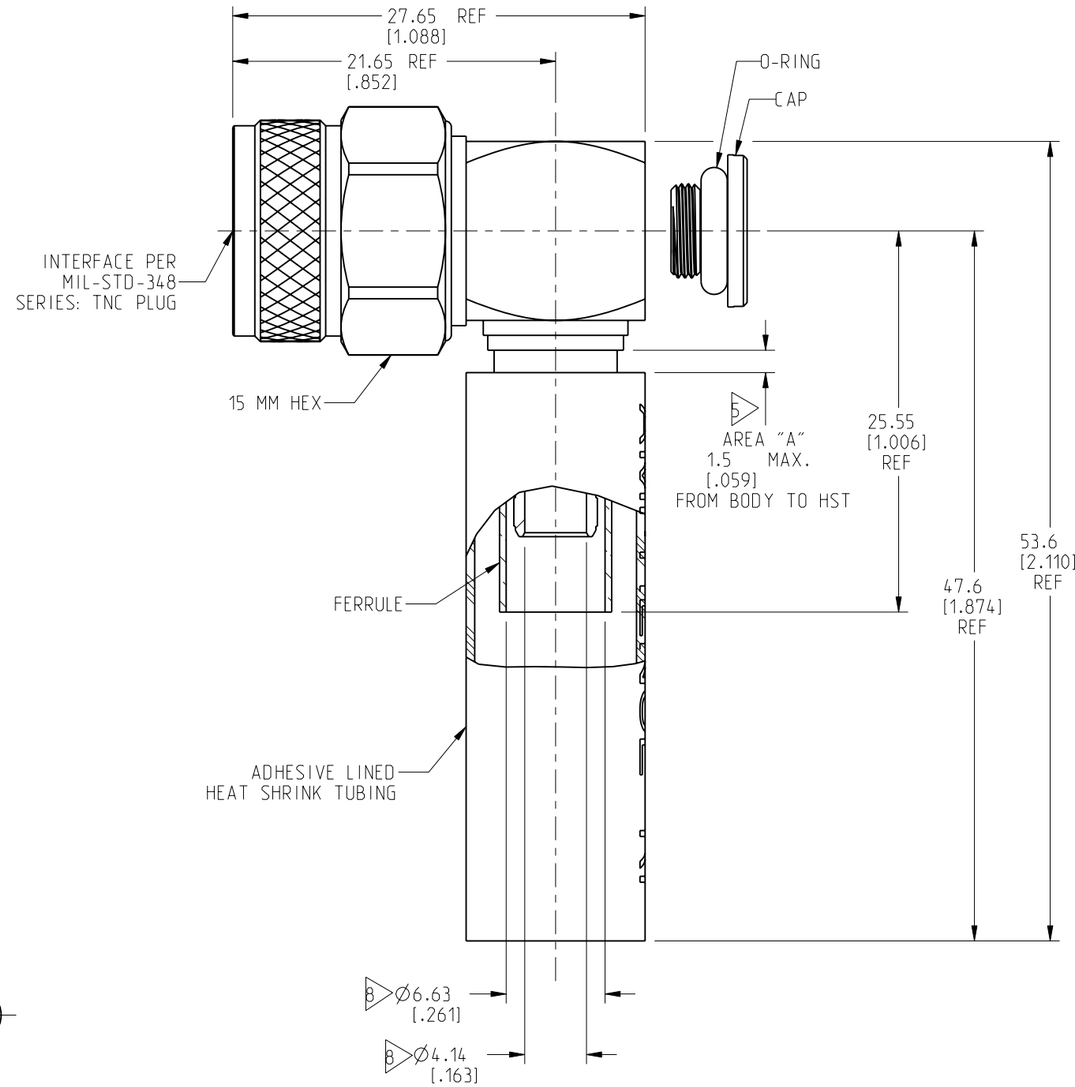
5. RECOMMENDED CABLE ASSEMBLY INSTRUCTIONS:
   A. TRIM CABLE AS SHOWN.
   B. SLIDE HEAT SHRINK TUBING AND FERRULE ONTO CABLE.
   C. INSERT CABLE WITH FOIL ENTERING CONNECTOR AND BRAID OVER KNURL.
   D. SOLDER CONTACT TO CABLE CENTER CONDUCTOR.
   E. CRIMP FERRULE OVER BRAID WITH 0.255" HEX DIE.
   F.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

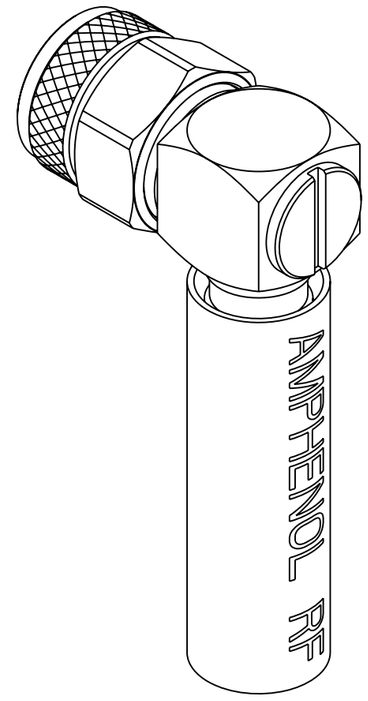
6. CAP ASSEMBLY INSTRUCTIONS:
   A. PLACE O-RING ON CAP AS SHOWN.
   B. ASSEMBLE CAP TO BODY WITH 15 IN-LBS TORQUE.

7. RECOMMENDED COUPLING TORQUE: 4-6 IN-LBS.

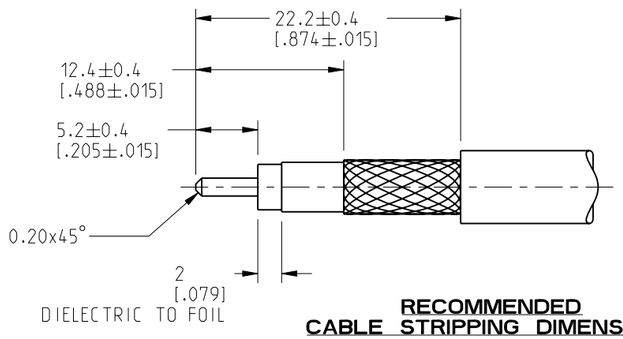
8. SHOWS CABLE ENTRY DIMENSIONS.

REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	22-OCT-21	15980	SH





SCALE 2.000



RECOMMENDED CABLE STRIPPING DIMENSIONS

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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THIRD ANGLE PROJ.

REFERENCE	EAR#
--	3376

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]

ANGLES = ±1°

MATERIAL: SEE NOTES

ENGR.1	ENGR.2	DATE
T. SMITH	E.WU	14-OCT-21

TITLE: TNC R/A PLUG IP67
FOR LMR-240, LMR-240-UF
CABLE OPTIMIZED

SHEET NO. 2 OF 2 | SCALE: 2.5:1.0

Amphenol RF

SIZE	DRAWING NO.	REV
B	31-6594	A
	ITEM NO. 31-6594	
	PART NO. 31-6594	