NOTES:

1. MATERIALS AND FINISHES:
   BODY, BODY REAR - BRASS, NICKEL PLATING
   CONTACT - BRASS, GOLD PLATING
   INSULATOR - PTFE
   INSULATOR REAR - ULTEM
   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 +85° C

4. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: BAG TO BE MARKED
      "AMPHENOLRF, 31-6501, AND DATE CODE"

5. RECOMMENDED 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 0.213" 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"

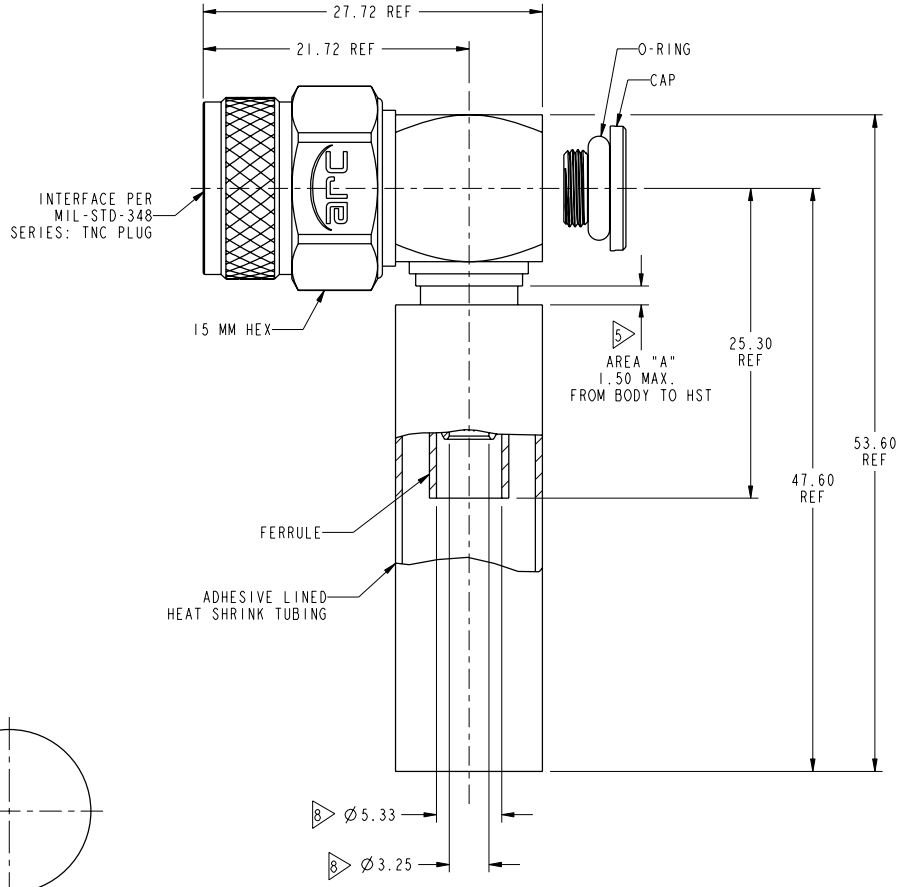
6. CAP ASSEMBLY INSTRUCTIONS:
   A. PLACE O-RING ON CAP AS SHOWN.
   B. ASSEMBLE CAP TO BODY WITH 16-32 IN-OZ TORQUE.

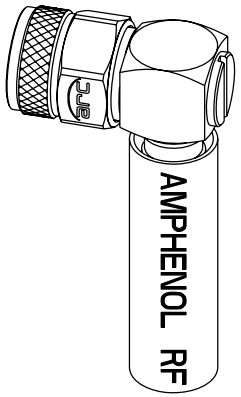
7. RECOMMENDED COUPLING TORQUE: 4-6 IN-LBS.

8. SHOWS CABLE ENTRY DIMENSIONS.

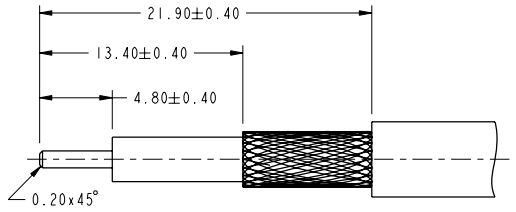
THIRD ANGLE PROJ.

REVISIONS				
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	18-Jul-12	48949	DD
B	ADDED ARC LOGO TO COUPLING NUT & AMPHENOL RF TO HST RD-DMI3022001R3	1-Mar-13	49418	RM

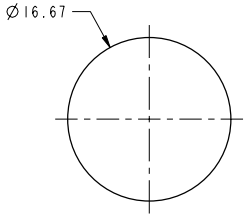




SCALE 1.500



RECOMMENDED CABLE STRIPPING DIMENSIONS



MIN PASS THRU DIAMETER
SCALE 2.000

CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:

<0.5mm	0.5 - 6mm	6 - 30mm	30 - 120mm	ANGLES
± 0.05mm	±0.1mm	±0.2mm	± 0.3mm	±1°

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MATERIAL	DRAWN R.MAO	DATE 27-Feb-13
	ENGINEER D.DAVE	DATE 08-Sep-11
REFERENCE	APPROVED S.HSIEH	DATE 27-Feb-13
	CAD FILE	
FINISH		

TITLE
TNC R/A PLUG, IP-67
FOR LMR-200 CABLE

SCALE: 2.5:1.0 | SHEET 2 OF 2

DWG SIZE B | REV B

Amphenol RF
www.amphenolrf.com

DRAWING NO. 31-6501
ITEM NO. 31-6501
PART NO. 31-6501