

NOTES:

1. MATERIALS AND FINISHES:
 BODY & COUPLING NUT: BRASS, NICKEL PLATING
 CONTACT: BeCu, GOLD PLATING
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 INSULATORS : PTFE, NATURAL
 GASKET & O-RING : SILICONE RUBBER, RED
 FERRULE: SEAMLESS COPPER, NICKEL PLATING
 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
 "AMPHENOL RF, 31-6683, AND DATE CODE"

5. CABLE ASSEMBLY INSTRUCTIONS:
 A. TRIM CABLE AS SHOWN.
 B. SLIDE HEAT SHRINK TUBING, FERRULE AN INSULATOR DISC ONTO CABLE.
 C. SOLDER CABLE CENTER CONDUCTOR TO BULLET 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"

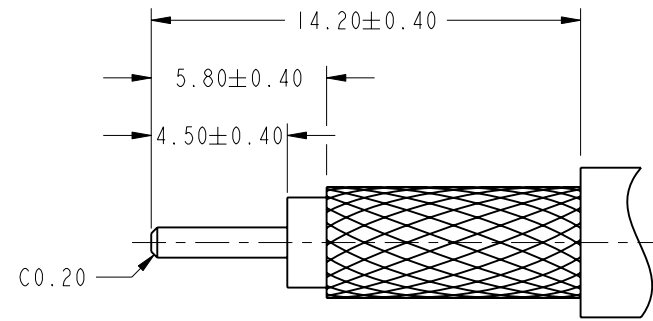
6. RECOMMENDED COUPLING TORQUE : 4-6 IN-LBS.

7. SHOWS CABLE ENTRY DIMENSIONS.

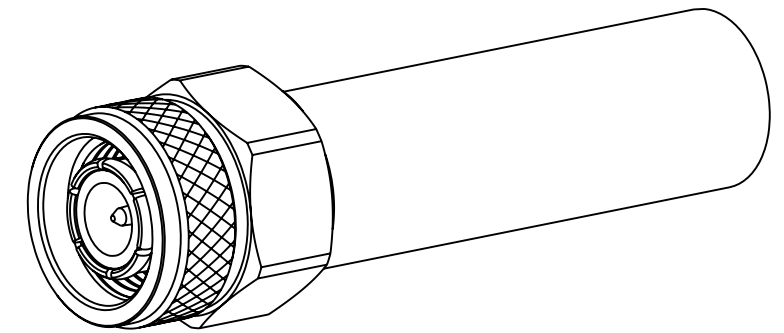
THIRD ANGLE PROJ.

REVISIONS

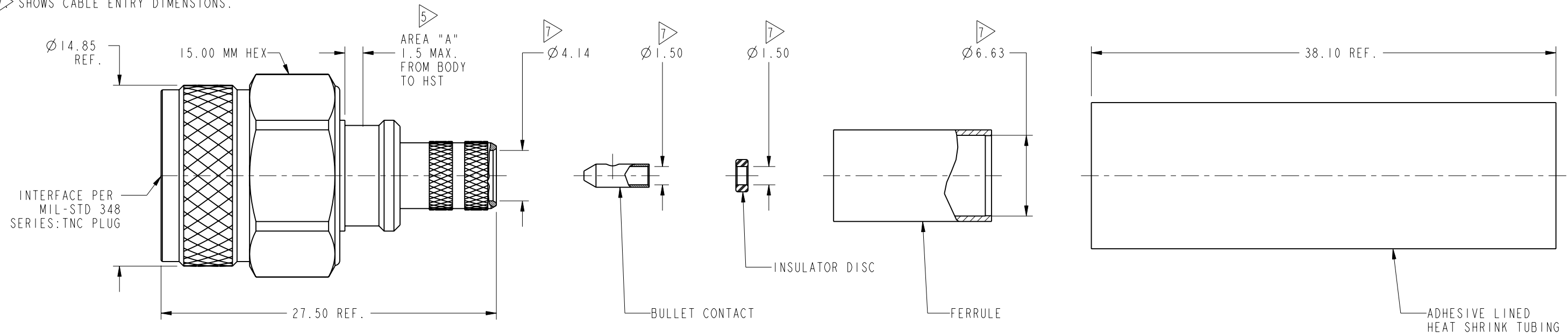
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG	09-Mar-15	50387	RM



RECOMMENDED CABLE STRIPPING DIMENSIONS



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

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MATERIAL SEE NOTES	DRAWN R. MAO	DATE 14-Jul-14	TITLE TNC STR PLUG IP-67 FOR LMR-240-UF, LMR-240 CABLE	Amphenol RF www.amphenolrf.com
REFERENCE EAR # 6213	ENGINEER D. DAVE	DATE 14-Jul-14		
CONFIGURATION LEVEL: In Work	APPROVED S. HSIEH	DATE 09-Mar-15	SCALE: 4.0:1.0 SHEET 2 OF 2	DRAWING NO. 31-6683
FINISH	CAD FILE	DWG SIZE B	REV A	ITEM NO. 31-6683
				PART NO. 31-6683