

NOTES:

1. MATERIALS AND FINISHES
 - BODY - BRASS, NICKEL PLATING
 - CONTACT - BERYLLIUM COPPER, GOLD PLATING
 - INSULATOR - PTFE
 - HEX NUT - BRASS, NICKEL PLATING
 - LOCK WASHER - BRASS, NICKEL PLATING
 - GASKET - SILICONE RUBBER
 - FERRULE - SEAMLESS COPPER TUBE, 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 +85° C

4. PACKAGING:
 - A. QUANTITY: SINGLE PACK
 - B. MARKING: BAG TO BE MARKED "AMPHENOLRF, 31-6508, AND DATE CODE"

5. RECOMMENDED CABLE ASSEMBLY INSTRUCTIONS:

- A. TRIM CABLE AS SHOWN.
- B. SLIDE HEAT SHRINK TUBING, FERRULE AND 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 0.213" 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"

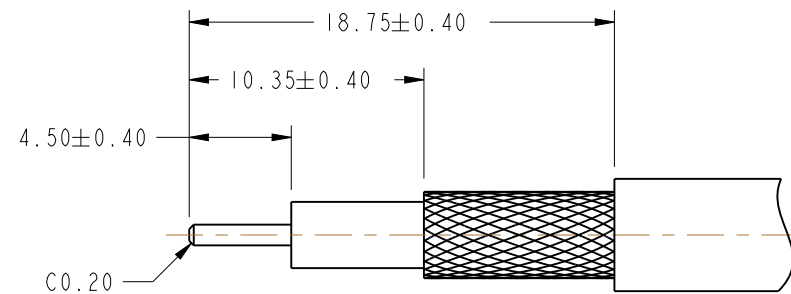
6. RECOMMENDED TORQUE APPLIED ON HEX NUT: 7-10 IN LBS

7. SHOWS CABLE ENTRY DIMENSIONS.

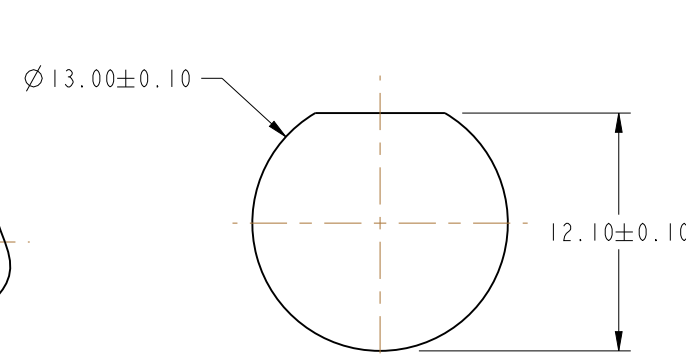
THIRD ANGLE PROJ.

REVISIONS

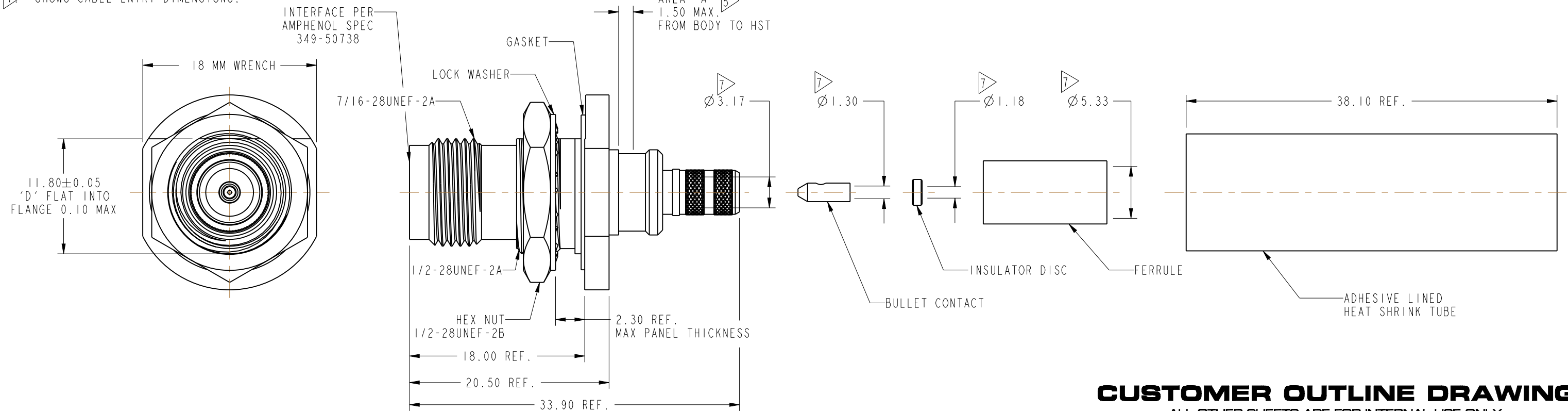
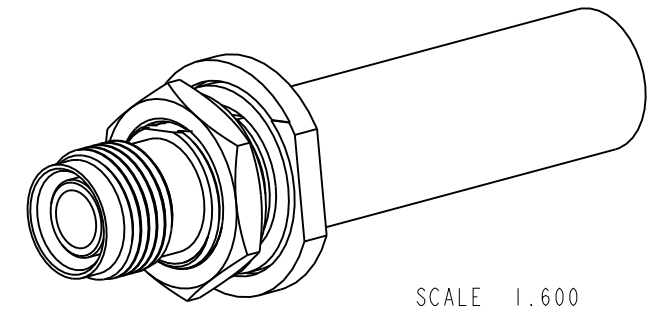
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	29-Mar-12	48952	DD



RECOMMENDED CABLE STRIPPING DIMENSIONS



RECOMMENDED MOUNTING HOLE DIMENSIONS



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
REFERENCE AND CONFIGURATION LEVEL: In Work	
FINISH	

DRAWN	D.DAVE	DATE	08-Sept-11
ENGINEER	D.DAVE	DATE	08-Sept-11
APPROVED		DATE	
CAD FILE	Root Folder/TNC/31-6508		

TITLE		TNC STR BHD JACK RP IP-67 FOR LMR-200 CABLE	
SCALE: 2.5:1.0	SHEET	2 OF 2	
DWG SIZE	B	REV	A

Amphenol RF	
www.amphenolrf.com	
DRAWING NO.31-6508	
ITEM NO.31-6508	
PART NO.31-6508	