

NOTES:

1. MATERIALS AND FINISHES:

- BODY - BRASS, NICKEL PLATING
- CONTACT - BERYLLIUM COPPER, GOLD PLATING
- INSULATOR - PTFE
- GASKET - SILICONE RUBBER
- HEX NUT - BRASS, NICKEL PLATING
- LOCK WASHER - BRASS, NICKEL PLATING
- 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:

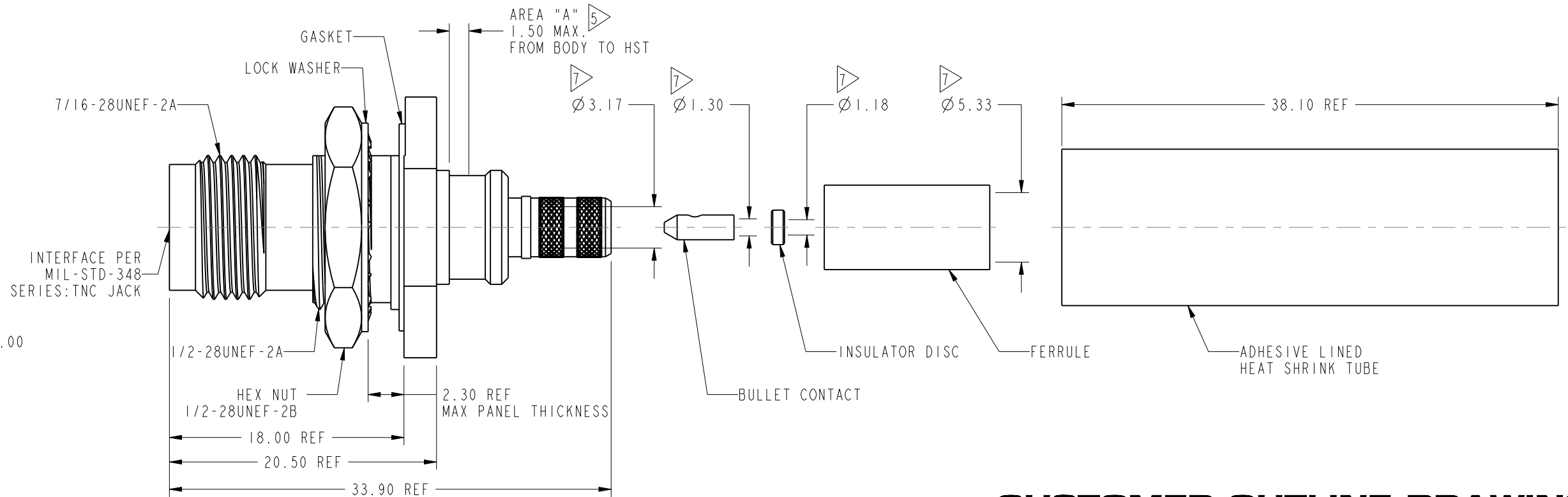
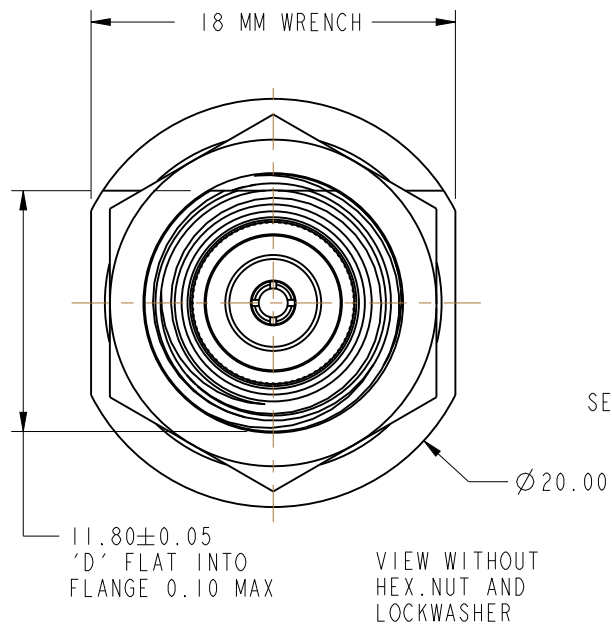
- A. QUANTITY: SINGLE PACK
- B. MARKING: BAG TO BE MARKED "AMPHENOLRF, 31-6507, AND DATE CODE"

5. 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.



RECOMMENDED CABLE STRIPPING DIMENSIONS

RECOMMENDED MOUNTING HOLE DIMENSIONS

SCALE 1.600

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	DRAWN D.DAVE	DATE 07-Sept-11	TITLE TNC STR BHD JACK IP-67 FOR LMR-200 CABLE		Amphenol RF www.amphenolrf.com
REFERENCE	ENGINEER D.DAVE	DATE 07-Sept-11	DRAWING NO. 31-6507		
CONFIGURATION LEVEL: In Work	APPROVED	DATE	SCALE: 2.7:1.0	SHEET 2 OF 2	ITEM NO. 31-6507
FINISH	Root Folder/TNC/31-6507		DWG SIZE B	REV A	PART NO. 31-6507

THIRD ANGLE PROJ.

REVISIONS

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