

NOTES:

1. MATERIALS AND FINISHES:
- BODY - BRASS, NICKEL PLATING
  - CONTACT - BeCu, GOLD PLATING
  - CONTACT - BRASS, GOLD PLATING
  - INSULATOR - PTFE
  - FERRULE - SEAMLESS COPPER TUBE, NICKEL PLATING
  - HEAT SHRINK TUBING - CROSSLINKED POLYOLEFIN

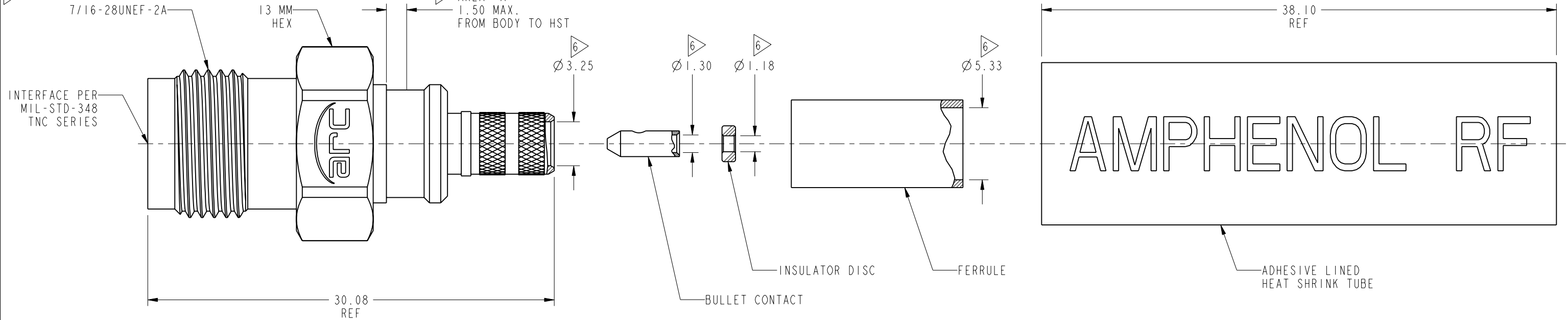
2. ELECTRICAL:
- A. IMPEDANCE: 50 OHM
  - B. FREQUENCY RANGE: DC - 6 GHz
  - C. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.

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, 31-6505, AND DATE CODE"

5. RECOMMENDED 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 0.213" 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. SHOWS CABLE ENTRY 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°	MATERIAL -	DRAWN J.CHEN	DATE 30-Aug-13	TITLE TNC STR JACK IP-67 FOR LMR-200 CABLE		Amphenol RF www.amphenolrf.com	
		ENGINEER D.DAVE	DATE 06-Sep-11			DRAWING NO.31-6505	
		REFERENCE PTCIP67	DATE 04-Sep-13	SCALE: 3.5:1.0 SHEET 2 OF 2		ITEM NO. 31-6505	
		FINISH	CAD FILE	DWG SIZE B		REV B	PART NO. 31-6505

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