

NOTES:

- 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

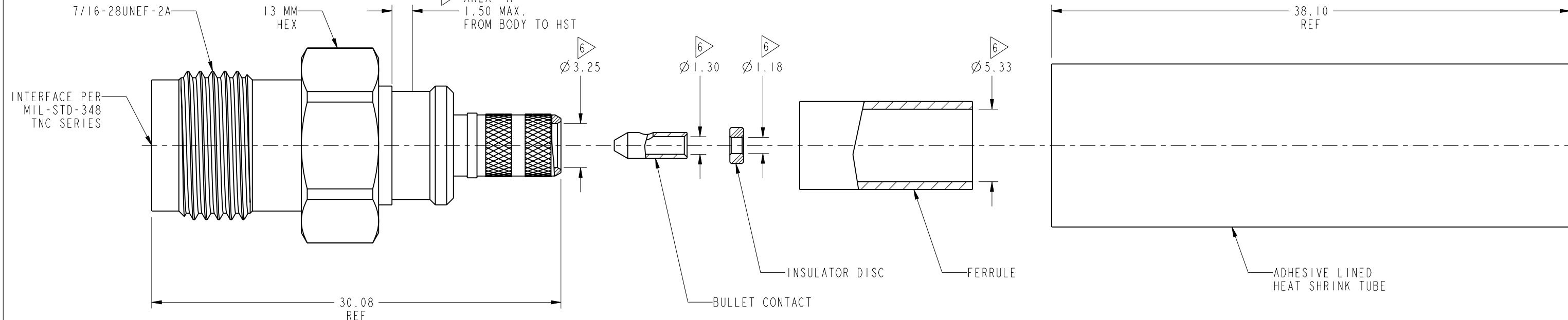
- ELECTRICAL:
  - A. IMPEDANCE: 50 OHM
  - B. FREQUENCY RANGE: DC - 6 GHz
  - C. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.

- MECHANICAL:
  - A. DURABILITY: 500 CYCLES MIN.
  - B. TEMPERATURE RANGE: -40° C TO +85° C

- PACKAGING:
  - A. QUANTITY: SINGLE PACK
  - B. MARKING: BAG TO BE MARKED "AMPHENOLRF, 31-6505, AND DATE CODE"

- 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"

- SHOWS CABLE ENTRY DIMENSIONS.



THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	18-Jul-12	48952	DD

RECOMMENDED CABLE STRIPPING DIM'S

MIN PASS THRU DIAMETER SCALE 2.000

SCALE 1.500

**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 R. MAO	DATE 16-Jul-12	TITLE TNC STR JACK IP-67 FOR LMR-200 CABLE	Amphenol RF www.amphenolrf.com
	REFERENCE PTCIP67	ENGINEER D. DAVE	DATE 06-Sep-11		
	FINISH	APPROVED	DATE	SCALE: 3.5:1.0    SHEET 2 OF 2	ITEM NO. 31-6505
		CAD FILE		DWG SIZE B	REV A