

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

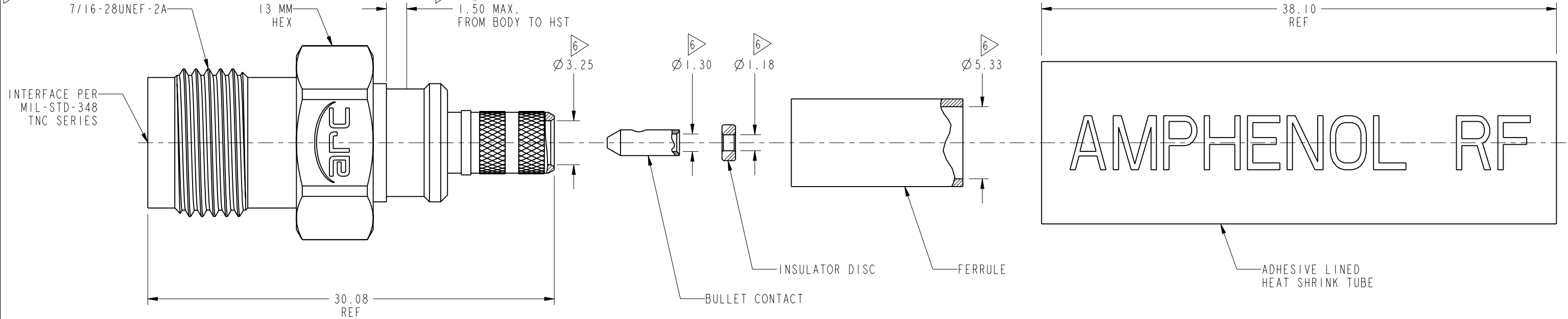
2. ELECTRICAL:  
 A. IMPEDANCE: 50 OHM  
 B. FREQUENCY RANGE: DC - 6 GHz  
 C. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.

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"

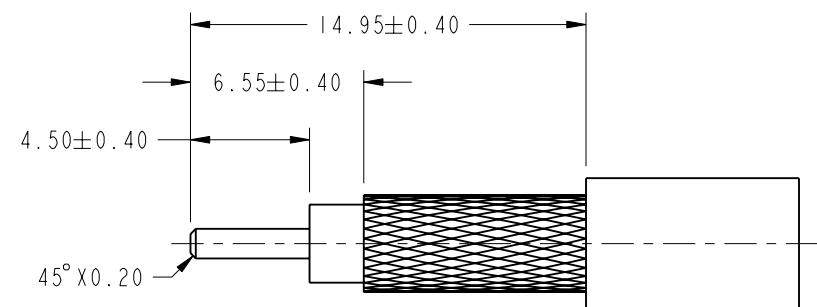
6. SHOWS CABLE ENTRY DIMENSIONS.



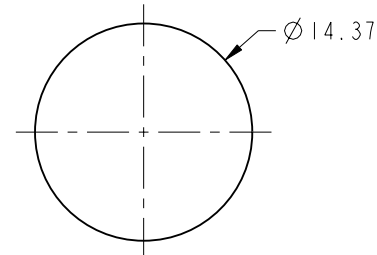
THIRD ANGLE PROJ.

REVISIONS

| REV | DESCRIPTION   | DATE      | ECO   | APPR |
|-----|---|-----------|-------|------|
| A   | RELEASE TO MFG.   | 18-Jul-12 | 48952 | DD   |
| B   | ADD ARC LOGO TO BODY & AMPHENOL RF TO HST<br>IRD-DMI3082201J8 | 30-Aug-13 | 49619 | RLB  |

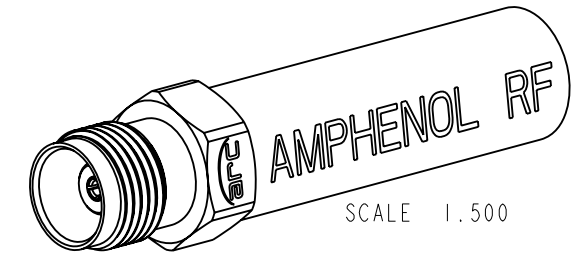


RECOMMENDED CABLE STRIPPING DIM'S



MIN PASS THRU DIAMETER

SCALE 2.000



**CUSTOMER OUTLINE DRAWING**

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

|   |                      |                     |                   |  |               |                                   |                  |
|---|----------------------|---------------------|-------------------|--|---------------|-----------------------------------|------------------|
| UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:<br><0.5mm ±0.05mm    0.5 - 6mm ±0.1mm    6 - 30mm ±0.2mm    30 - 120mm ±0.3mm    ANGLES ±1°  | MATERIAL             | DRAWN<br>J.CHEN     | DATE<br>30-Aug-13 | TITLE<br>TNC STR JACK IP-67<br>FOR LMR-200 CABLE |               | Amphenol RF<br>www.amphenolrf.com |                  |
|   | REFERENCE<br>PTCIP67 | ENGINEER<br>D.DAVE  | DATE<br>06-Sep-11 |  |               |                                   |                  |
| NOTICE - These drawings, specifications, or other data (1) are, and remain the property of Amphenol corp. (2) must be returned upon request; and (3) are confidential and not to be disclosed to any person other than those to whom they are given by Amphenol Corp. the furnishing of these drawings, specifications, or other data by Amphenol Corp., or to any other person to anyone for any purpose is not to be regarded by implication or otherwise in any manner licensing, granting rights to permitting such holder or any other person to manufacture, use or sell any product, process or design, patented or otherwise, that may in any way be related to or disclosed by said drawings, specifications, or other data. | FINISH               | APPROVED<br>S.HSIEH | DATE<br>04-Sep-13 | SCALE: 3.5:1.0                                   | SHEET 2 OF 2  | ITEM NO. 31-6505                  | PART NO. 31-6505 |
|   |                      |                     | CAD FILE          |  | DWG SIZE<br>B | REV<br>B                          |                  |

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