

NOTES:

1. MATERIALS AND FINISHES:  
 BODY - BRASS, NICKEL PLATING  
 CONTACT - BeCu, GOLD PLATING  
 CONTACT - BRASS, GOLD PLATING  
 INSULATOR - PTFE  
 FERRULE - COPPER, 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, 31-6367, AND DATE CODE"

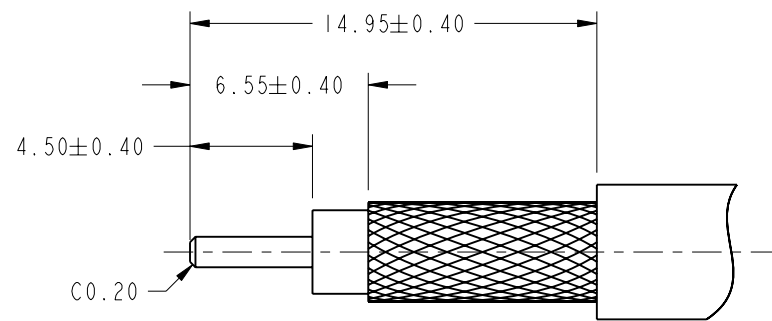
5. RECOMMENDED CABLE ASSEMBLY INSTRUCTIONS:  
 A. TRIM CABLE AS SHOWN.  
 B. SLIDE HEAT SHRINK TUBING, FERRULE AND INSULATOR DISC ONTO CABLE.  
 C. SOLDER CABLE CENTER CONDUCTOR TO BULLET CONTACT.  
 D. INSERT CABLE WITH FOIL ENTERING CONNECTOR AND BRAID OVER KNURL.  
 E. CRIMP FERRULE OVER BRAID WITH 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. SHOWS CABLE ENTRY DIMENSIONS.

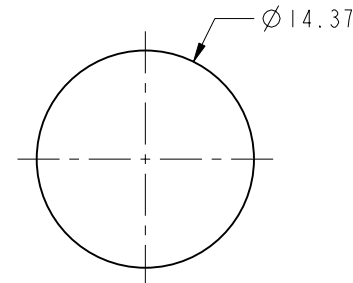
THIRD ANGLE PROJ.

REVISIONS

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

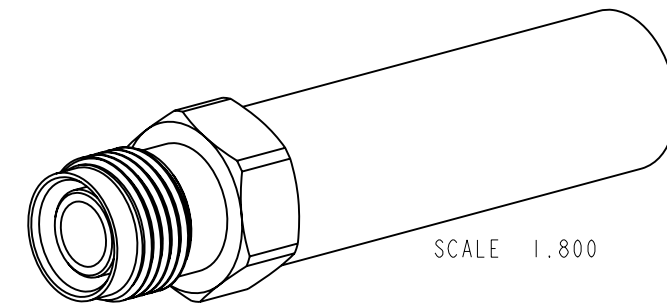


RECOMMENDED CABLE STRIPPING DIM'S

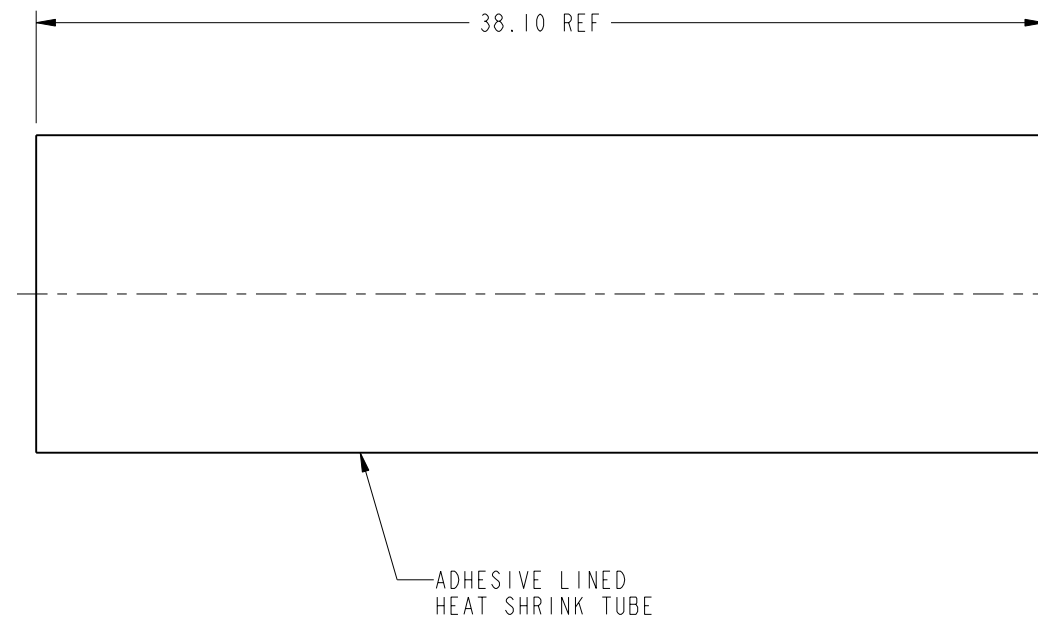
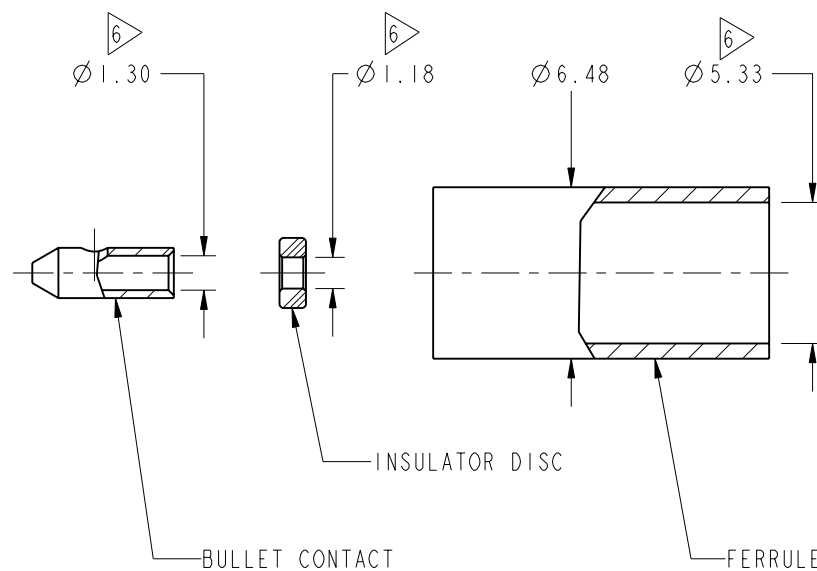
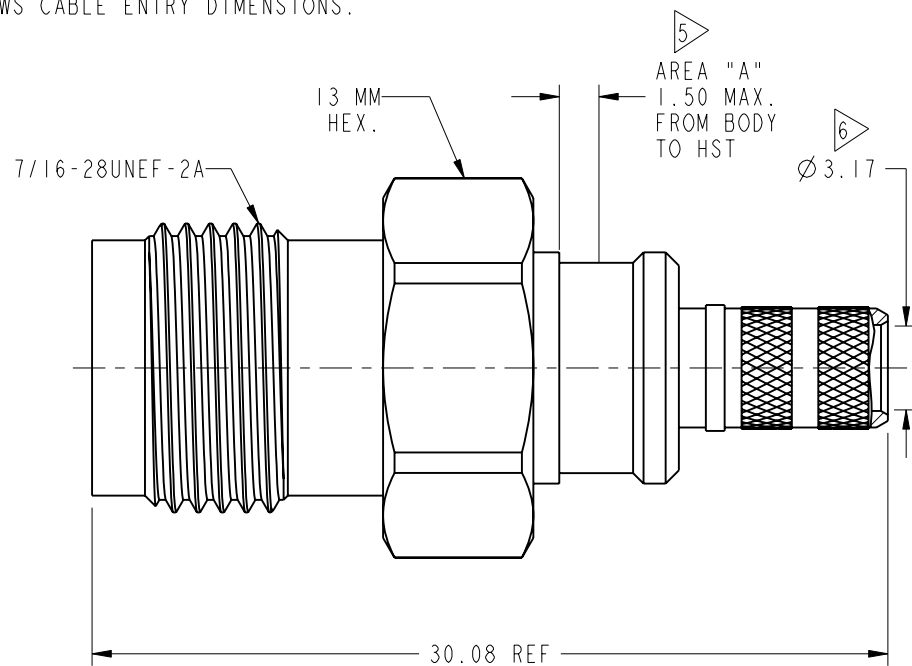


MIN PASS THRU DIAMETER

SCALE 2.000



SCALE 1.800



**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 R. MAO	DATE 17-Jul-12	TITLE TNC STR JACK RP IP-67 FOR LMR-200 CABLE	Amphenol RF www.amphenolrf.com
REFERENCE PTCIP67	ENGINEER D. DAVE	DATE 07-Sep-11		
FINISH	APPROVED	DATE	SCALE: 3.5:1.0	DRAWING NO. 31-6506
	CAD FILE		SHEET 2 OF 2	ITEM NO. 31-6506
			DWG SIZE B	PART NO. 31-6506
			REV A	