

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, 31-6506, AND DATE CODE"

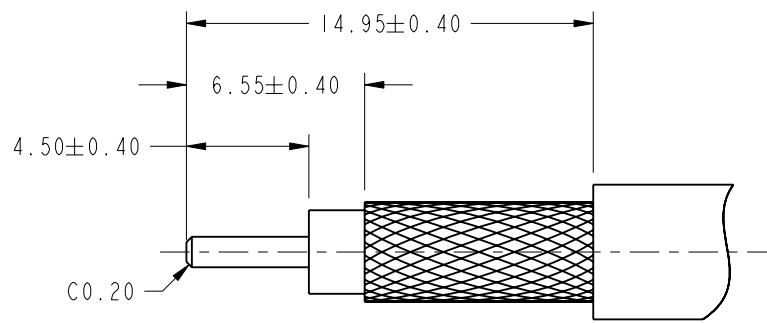
5. RECOMMENDED CABLE ASSEMBLY INSTRUCTIONS:  
A. TRIM CABLE AS SHOWN.  
B. SLIDE HEAT SHRINK TUBING, FERRULE AND INSULATOR DISC ONTO CABLE.  
C. SOLDER CABLE CENTER CONDUCTOR TO BULLET CONTACT.  
D. INSERT CABLE WITH FOIL ENTERING CONNECTOR AND BRAID OVER KNURL.  
E. CRIMP FERRULE OVER BRAID WITH 0.213" 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.

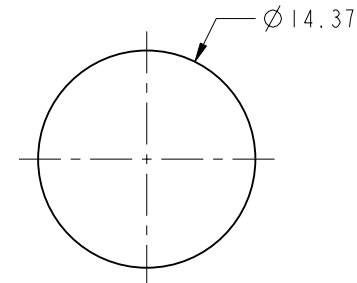
THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	18-Jul-12	48952	DD
B	ADD ARC LOGO TO REAR BODY & AMPHENOL RF TO HST \\RD-DMI3082201J8	30-Aug-13	49619	RLB

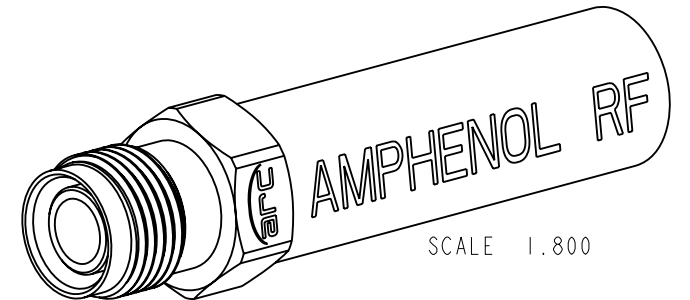


RECOMMENDED  
CABLE STRIPPING DIM'S

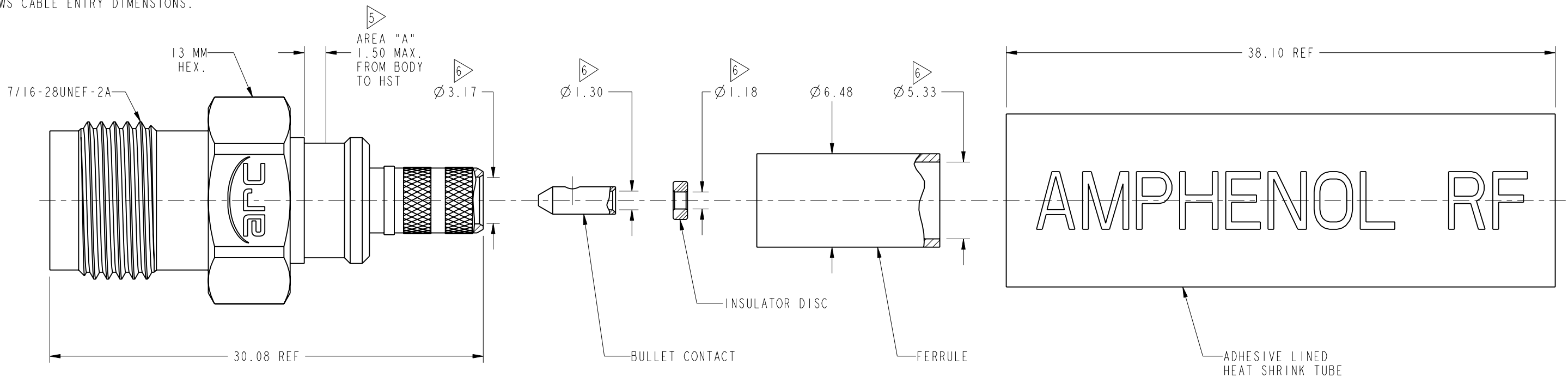


MIN PASS THRU DIAMETER

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° 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.	MATERIAL -	DRAWN J.CHEN	DATE 30-Aug-13	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			DRAWING NO.31-6506	
	FINISH	APPROVED S.HSIEH	DATE 04-Sep-13	SCALE: 3.5:1.0 SHEET 2 OF 2		ITEM NO. 31-6506	
		CAD FILE		DWG SIZE B		REV B	PART NO. 31-6506

# Mouser Electronics

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