

NOTES:

1. MATERIALS AND FINISHES:  
 FERRULE - COPPER, NICKEL PLATING  
 SHELL - BRASS, NICKEL PLATING  
 GASKET - SILICONE RUBBER, RED  
 SPRING - BeCu, NICKEL PLATING  
 WASHER - BRASS, NICKEL PLATING  
 BODY - BRASS, NICKEL PLATING  
 OUTER CONTACT - PHOSPHOR BRONZE, NICKEL PLATING  
 CONTACT PIN - BRASS, GOLD PLATING  
 INSULATOR - PTFE, NATURAL

2. ELECTRICAL:  
 A. IMPEDANCE: 75 OHM  
 D. D.W.V: 1500 VRMS, MIN.

3. MECHANICAL:  
 A. DURABILITY: 500 CYCLES MIN.  
 B. TEMPERATURE RANGE: -65°C TO +165°C

4. PACKAGING:  
 A. QUANTITY: SINGLE PACK  
 B. MARKING: BAG TO BE MARKED "AMPHENOL RF, 31-71035, AND DATE CODE"

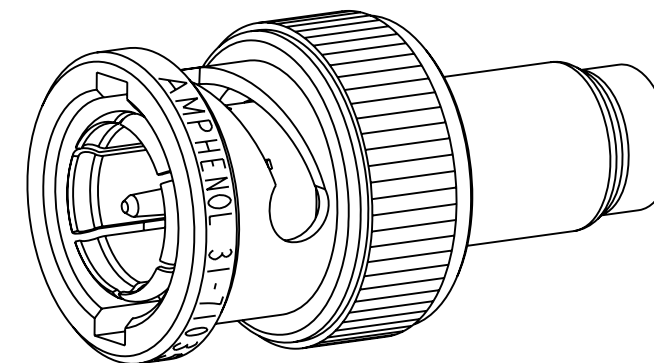
5. CABLE ASSEMBLY INSTRUCTIONS:  
 A. TRIM CABLE AS SHOWN.  
 B. SLIDE FERRULE ONTO THE CABLE.  
 C. SOLDER CABLE CENTER CONDUCTOR TO CENTER CONTACT.  
 WHEN CRIMPING CONTACT PIN TO CABLE, CRIMP WITH AMPHENOL TOOL 227-944 (M22520/5-01) AND DIE SET 227-1221-13 CAVITY B (M22520/5-13 CLOSURE 'B') (.068" HEX)  
 D. WHEN CRIMPING FERRULE TO CABLE, CRIMP WITH AMPHENOL TOOL 227-944 (M22520/5-01) AND DIE SET 227-1221-13 CAVITY A (M22520/5-13 CLOSURE 'A') (.255" HEX)

6 SHOWS CABLE ENTRY DIMENSIONS.

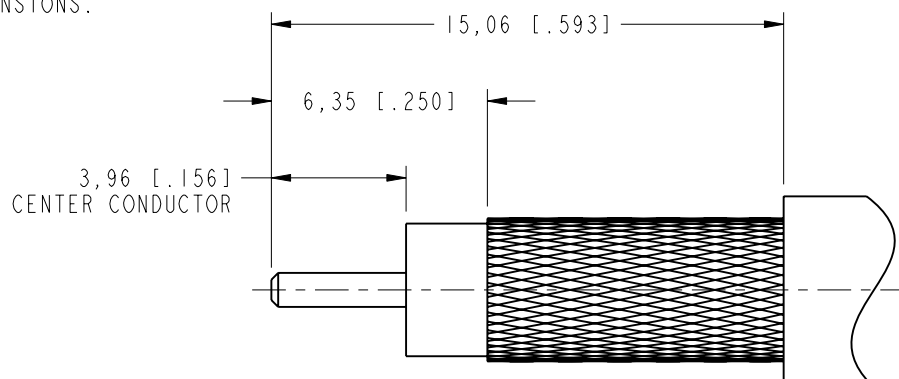
THIRD ANGLE PROJ.

REVISIONS

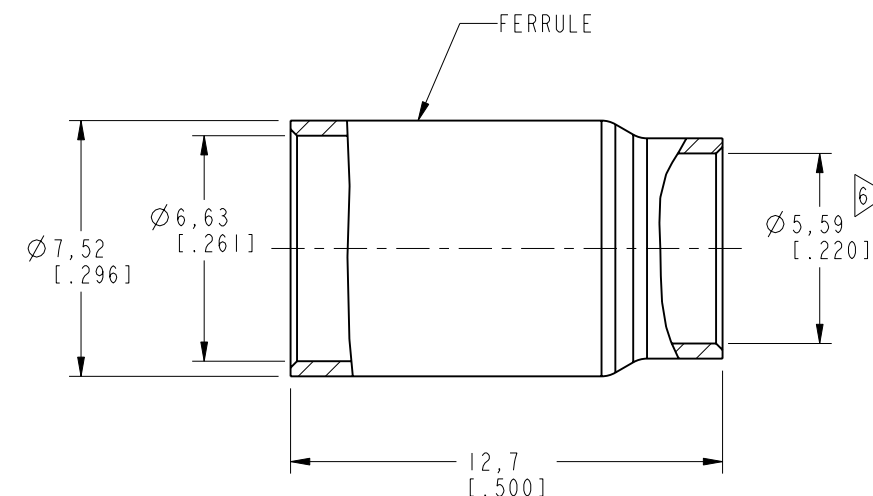
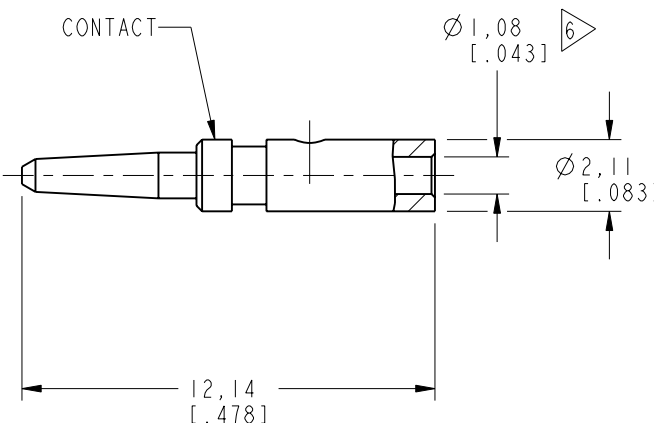
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	--	--	--
C	SEE SHEET 1 / RD-DM09090201K	15-Sep-09	47758	SH
D	REDRAWN IN PRO-E\N/A	25-May-15	50436	SH



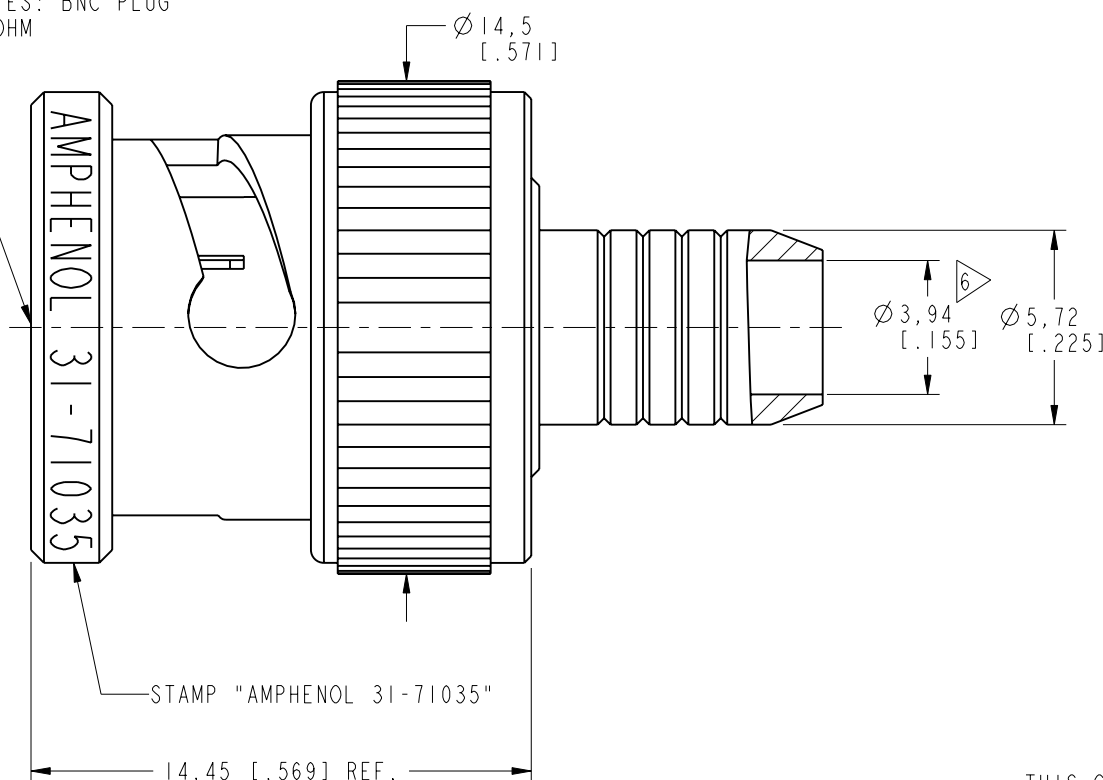
SCALE 3.000



RECOMMENDED CABLE STRIPPING DIMENSIONS



INTERFACE PER MIL-STD-348 SERIES: BNC PLUG 75 OHM



THIS CONNECTOR IS COVERED BY US PATENT 3,336,536

**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	SEE NOTES
REFERENCE	EAR 961829-0
CONFIGURATION LEVEL:	In Work
FINISH	

DRAWN	M. ZHANG	DATE	20-May-15
ENGINEER	CISSY	DATE	28-Feb-08
APPROVED	S. HSIEH	DATE	20-May-15
CAD FILE			

TITLE	
75 OHM BNC STR PLUG QUICK CRIMP (FOR 20 AWG PLENUM 59 CABLE)	
SCALE: 4.5:1.0	SHEET 2 OF 2
DWG SIZE B	REV D

Amphenol RF	
www.amphenolrf.com	
DRAWING NO.	31-71035
ITEM NO.	31-71035
PART NO.	31-71035

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