

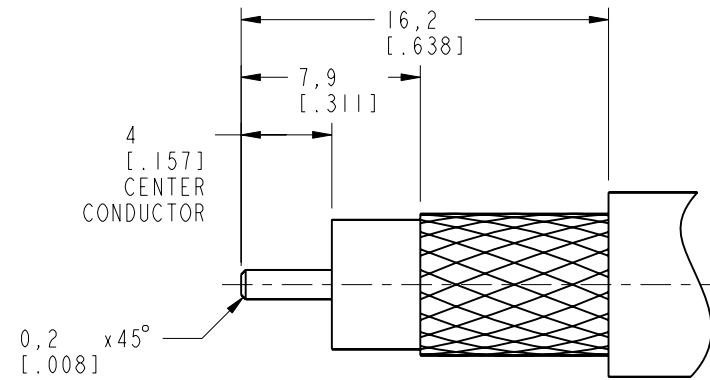
NOTES:

- 1. MATERIALS AND FINISHES:  
 BODY, BARREL, SHELL, WASHER,  
 & FERRULE - BRASS, NICKEL PLATING  
 CONTACT - BRASS, GOLD PLATING  
 OUTER CONTACT - BeCu, NICKEL PLATING  
 SPRING - CARBON STEEL, NICKEL PLATING  
 INSULATOR - PTFE, NATURAL  
 GASKET - SILICONE RUBBER, RED
- 2. ELECTRICAL:  
 A. IMPEDANCE: 75 OHM  
 B. FREQUENCY RANGE: DC - 12 GHz  
 C. RETURN LOSS: 23 dB MIN @ DC - 6 GHz  
 19 dB MIN @ 6 - 12 GHz
- 3. MECHANICAL:  
 A. DURABILITY: 500 CYCLES MIN.  
 B. TEMPERATURE RANGE: -65°C TO +165°C

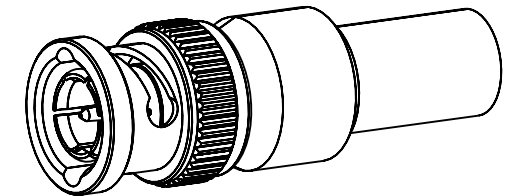
- 4. PACKAGING:  
 A. QUANTITY: SINGLE PACK  
 B. MARKING: BAG TO BE MARKED  
 "AMPHENOL RF, 31-70534, AND DATE CODE"
- 5. CABLE ASSEMBLY INSTRUCTIONS:  
 A. TRIM CABLE AS SHOWN.  
 B. SLIDE FERRULE ONTO CABLE.  
 C. CRIMP CONTACT TO CABLE CENTER CONDUCTOR  
 WITH 0.068" HEX DIE  
 D. CRIMP FERRULE WITH 0.324" HEX DIE.

6 SHOWS CABLE ENTRY DIMENSIONS.

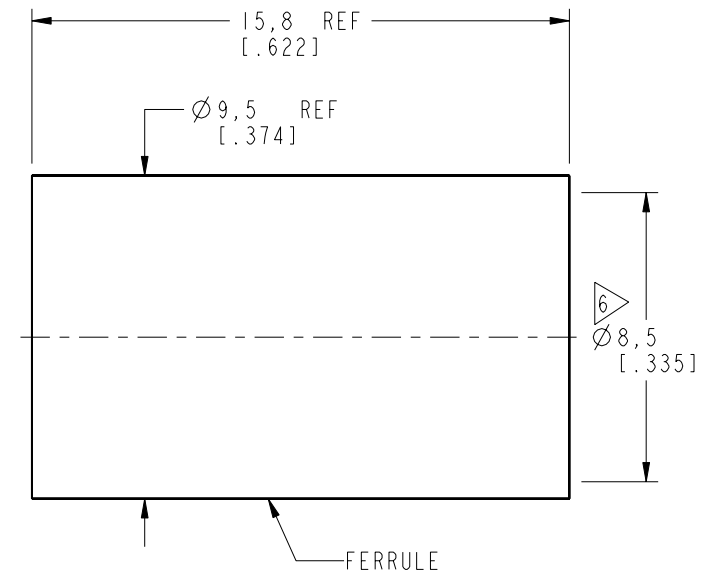
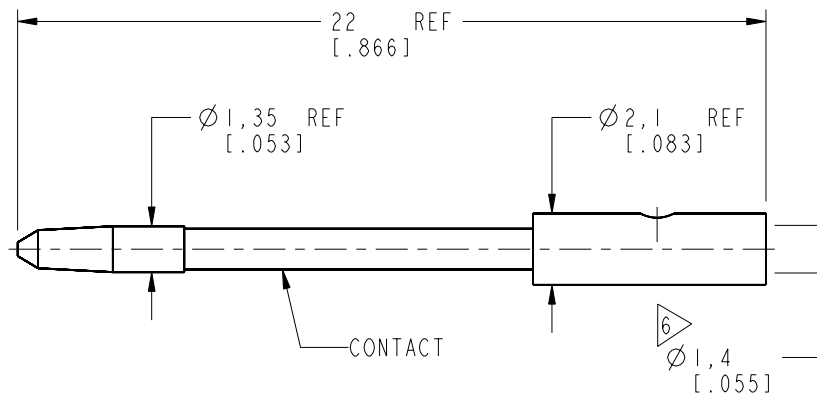
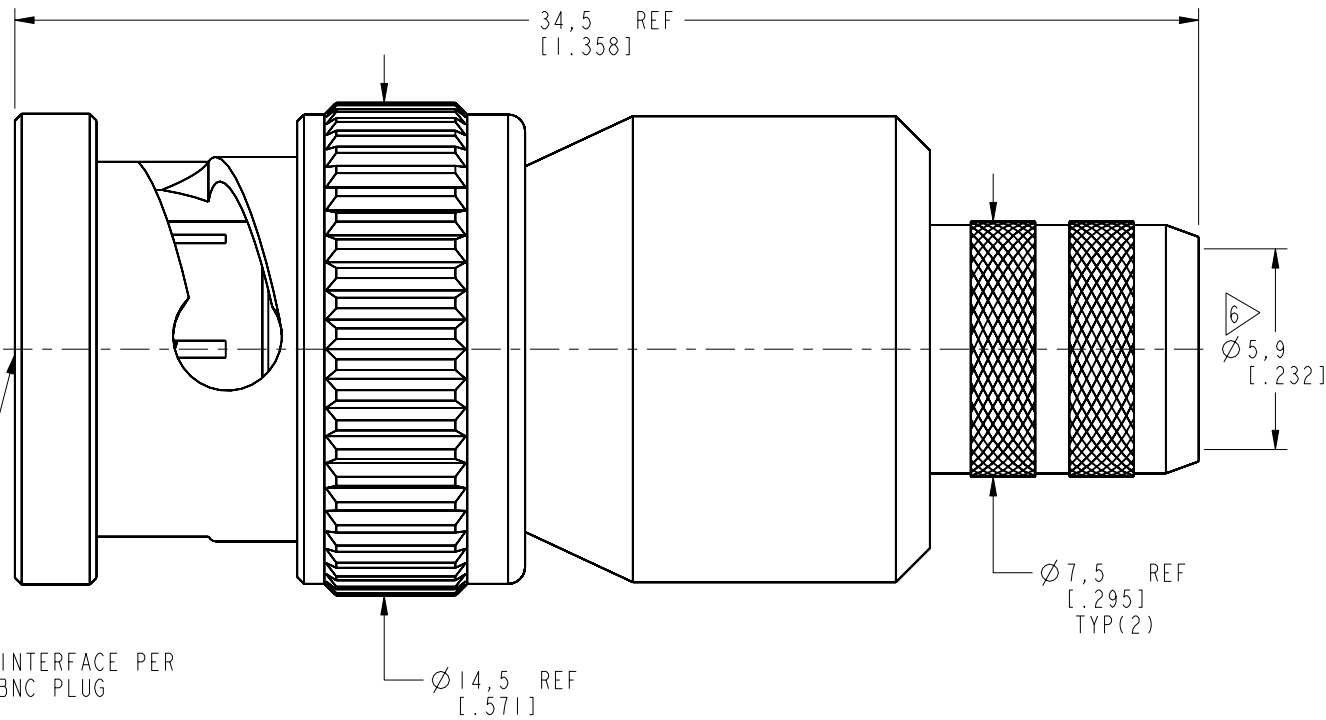
REVISIONS				
REV	DESCRIPTION	DATE	ECN	BY
A	RELEASE TO MFG.	18-Nov-16	2446	VK
B	RELEASE TO ARFA	6-Jun-22		SH



RECOMMENDED CABLE STRIPPING DIMENSIONS



SCALE 1.500



CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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UNLESS OTHERWISE SPECIFIED  
 DIMENSIONS ARE METRIC (INCHES) AND TOLERANCES ARE:  
 <0.5mm = ±0.05mm [ $<0.020 = \pm 0.002$ ]  
 0.5 - 6mm = ±0.1mm [ $>0.020 - 0.236 = \pm 0.004$ ]  
 >6.00 - 30mm = ±0.2mm [ $>0.236 - 1.181 = \pm 0.008$ ]  
 >30.00 - 120mm = ±0.3mm [ $>1.181 - 4.725 = \pm 0.012$ ]

MATERIAL  
SEE NOTES

TITLE  
 BNC STR CRIMP PLUG  
 FOR BELDEN 4794R CABLE

Amphenol RF

SIZE B	DRAWING NO. 31-70534	REV B
	ITEM NO. 31-70534	
	PART NO. 31-70534	

THIRD ANGLE PROJ. REFERENCE EAR#

ENGR.1 RAJAGOPAL N ENGR.2 LONPON DATE 12-May-22 SHEET NO. 2 OF 2 SCALE: 4.5:1.0