

NOTES:

1. MATERIALS AND FINISHES:  
 BODY, LOCK RING - BRASS, NICKEL PLATING  
 CONTACT PIN - PHOSPHOR BRONZE, GOLD PLATING  
 INSULATOR - PTFE, NATURAL  
 FERRULE - COPPER, NICKEL PLATING

2. ELECTRICAL:  
 A. IMPEDANCE: 75 OHM  
 B. FREQUENCY RANGE: DC - 12 GHz  
 C. RETURN LOSS (VSWR): 20dB (1.22) DC-6GHz  
 15dB (1.43) 6-12GHz  
 D. DIELECTRIC WITHSTANDING VOLTAGE: 1500 VRMS, MIN.

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

4. CRIMP FERRULE WITH  
 .216" HEX DIE

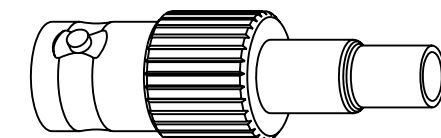
5. SOLDER OR CRIMP CONTACT  
 WITH .052" HEX DIE

6 SHOWS CABLE ENTRY DIMENSIONS

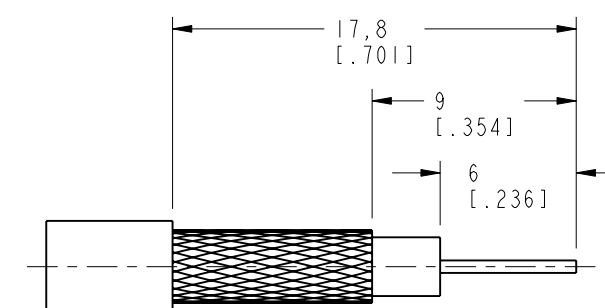
7. PACKAGING:  
 A. QUANTITY: SINGLE PACK  
 B. BAG TO BE MARKED: AMPHENOL RF  
 31-70538-12G  
 YYWW

THIRD ANGLE PROJ.

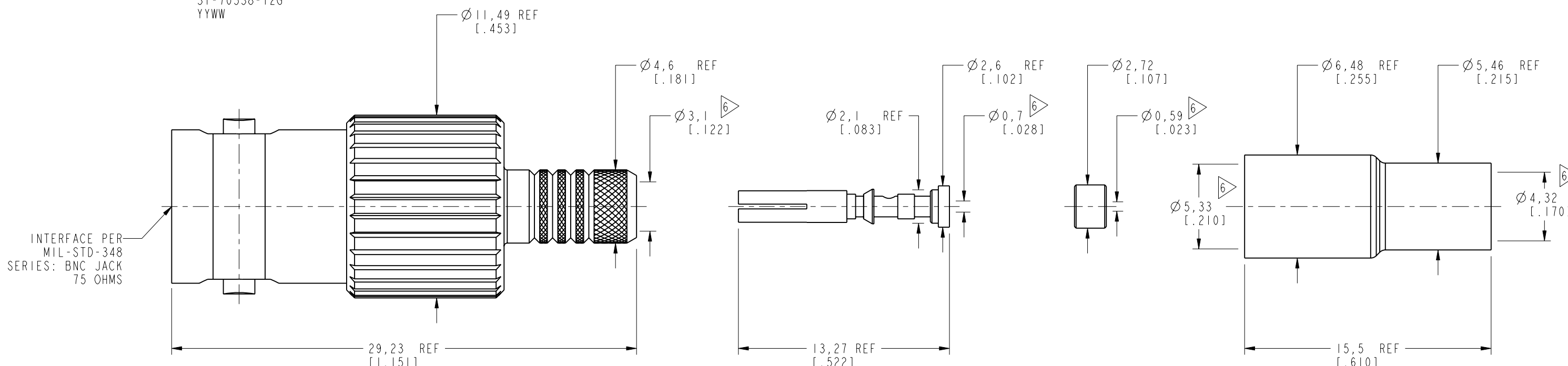
REVISIONS				
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	23-Mar-18	04322	BMG
B	CONTACT CRIMPING INSTRUCTIONS ADDED	11-May-18	8101	BMG



SCALE 1.500



RECOMMENDED  
 CABLE STRIPPING DIMENSIONS



INTERFACE PER  
 MIL-STD-348  
 SERIES: BNC JACK  
 75 OHMS

**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# 7619
REF:	
CONFIGURATION LEVEL:	In Work
FINISH	

DRAWN	S. DUAN	DATE	14-May-18
ENGINEER	B. GREENBAUM	DATE	03-Apr-17
APPROVED	S. HSIEH	DATE	14-May-18
CAD FILE			

TITLE	
BNC CRIMP JACK FOR BELDEN 4855R CABLE	
SCALE: 4.0:1.0	SHEET 2 OF 2
DWG SIZE B	REV B

Amphenol RF	
www.amphenolrf.com	
DRAWING NO. 31-70538-12G	
ITEM NO. 31-70538-12G	
PART NO. 31-70538-12G	

# Mouser Electronics

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