

1. MATERIALS AND FINISHES:
 BODY - BRASS, NICKEL PLATING
 CONTACT PIN - PHOSPHOR BRONZE, GOLD PLATING
 INSULATORS - PTFE, NATURAL
 LOCK RING - BRASS, NICKEL PLATING
 LOCKWASHER - PHOSPHOR BRONZE, NICKEL PLATING
 HEX NUT - BRASS, NICKEL PLATING
 FERRULE - BRASS, NICKEL PLATING

2. ELECTRICAL:

- A. IMPEDANCE: 75 OHM
- B. FREQUENCY RANGE: DC - 12 GHz
- C. RETURN LOSS (VSWR): -20 dB (1.2) DC - 6 GHz
-15 dB (1.43) 6 - 12 GHz
- D. DIELECTRIC WITHSTANDING VOLTAGE: 1500 VRMS, MIN.

3. MECHANICAL:
A. DURABILITY: 500 CYCLES MIN.
B. TEMPERATURE RANGE: -65°C TO $+165^{\circ}\text{C}$

4. CABLE ASSEMBLY INSTRUCTIONS

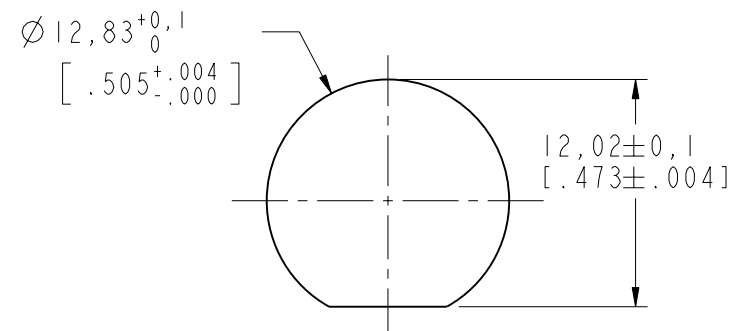
- A. TRIM CABLE AS SHOWN
- B. SLIDE INSULATOR DISC ONTO CABLE CENTER CONDUCTOR
- C. CRIMP CONTACT TO CABLE CENTER CONDUCTOR WITH A .068" HEX DIE
- D. CRIMP FERRULE WITH .324" HEX DIE

REVISIONS

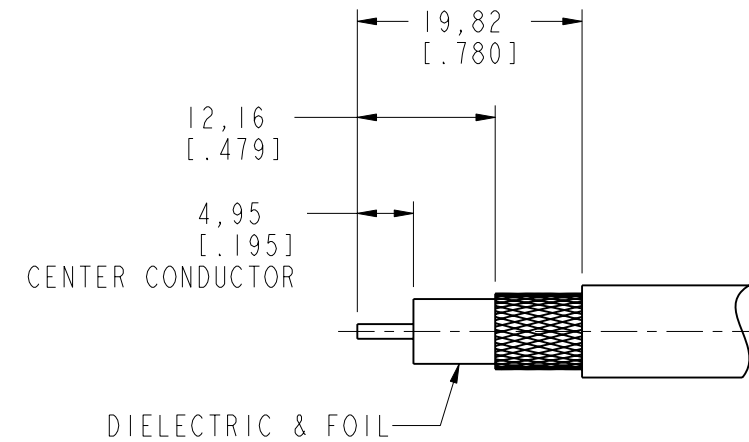
REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MFG.	04-Jun-19	11721	SV

5 SHOWS CABLE ENTRY DIMENSIONS

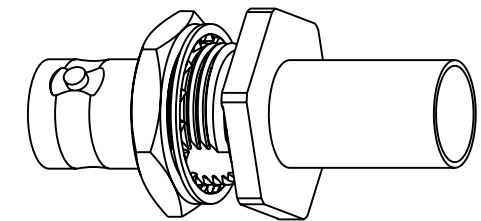
6. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL, 31-70568-12G & DATE CODE"



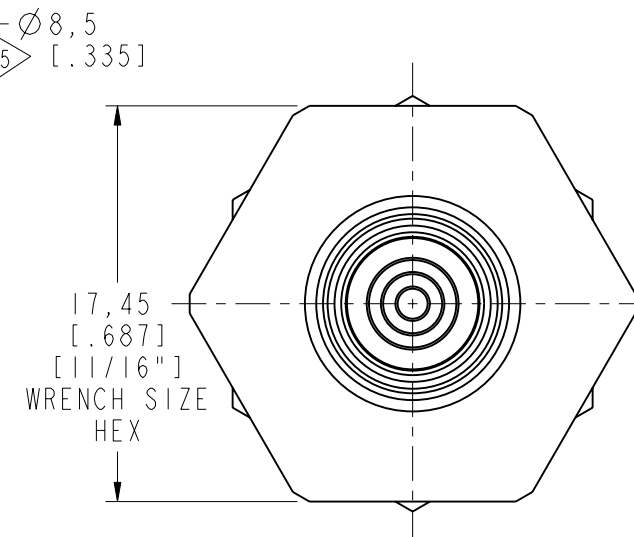
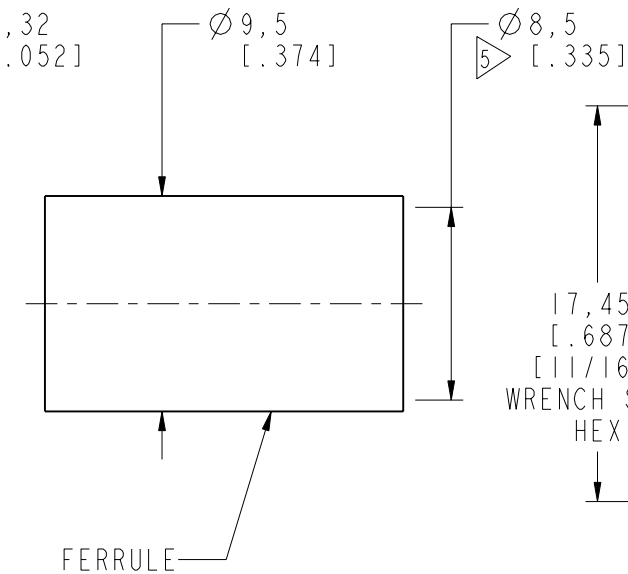
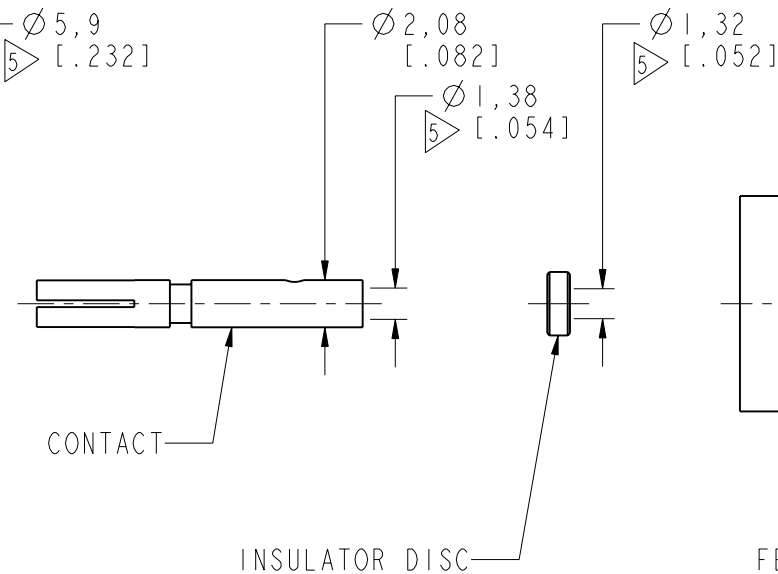
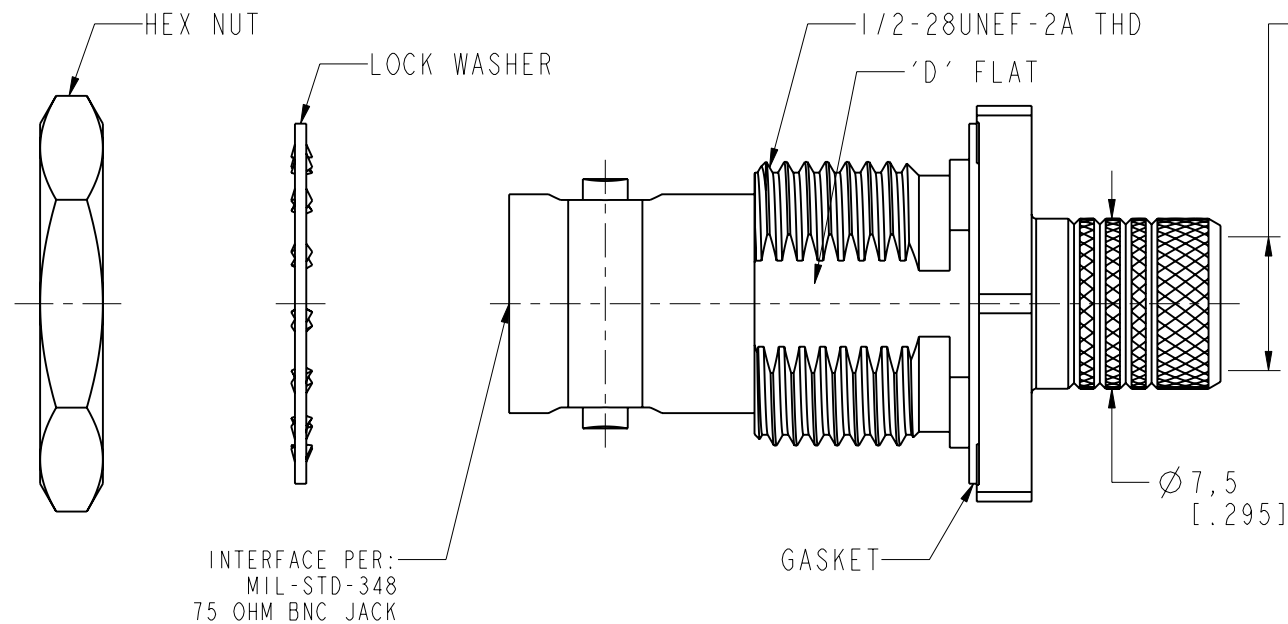
RECOMMENDED MOUNTING PANEL DIMENSIONS



RECOMMENDED CABLE STRIPPING DIMENSIONS



SCALE 1.500



ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE: <0.5mm 0.5 - 6mm 6 - 30mm 30 - 120mm ANGLES ± 0.05mm ±0.1mm ±0.2mm ± 0.3mm ±1°		MATERIAL SEE NOTES		DRAWN M.ZHANG		DATE 04-Jun-19		TITLE BNC BHD JACK FOR BELDEN 4794R CABLE		Amphenol RF www.amphenolrf.com	
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.		REFERENCE		ENGINEER S.VO		DATE 14-Feb-19					
		EAR# 8870		APPROVED		DATE		SCALE: 3.0:1.0 SHEET 2 OF 2			
		REF:		S.HSIEH		06-Jun-19					
		CONFIGURATION LEVEL: In Work		CAD FILE		DWG SIZE B		REV A			
FINISH								DRAWING NO. 31-70568-12G			
								ITEM NO. 31-70568-12G			
								PART NO. 31-70568-12G			