NOTES:

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

2. ELECTRICAL:
   A. IMPEDANCE: 75 OHM
   B. FREQUENCY RANGE: DC - 12 GHz
   C. RETURN LOSS (VSWR): -25 dB MAX. (1.11) DC-6GHz
   -20 dB MAX. (1.22) 6-12GHz
   D. DIELECTRIC WITHSTANDING VOLTAGE: 1500 VRMS, MIN.

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

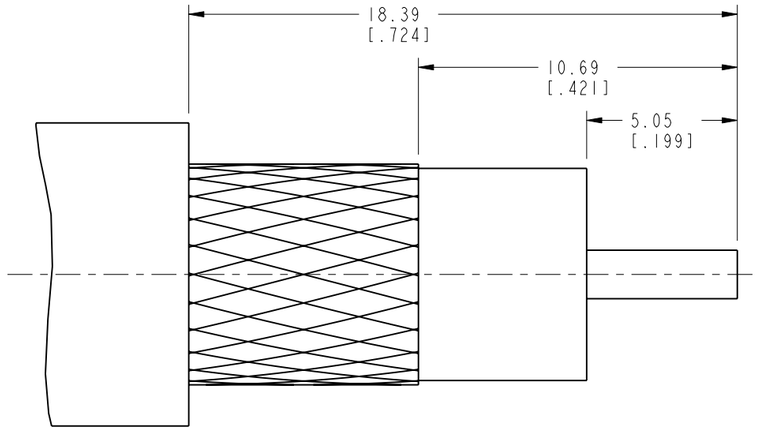
4. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: PACKAGING TO BE MARKED
   "AMPHENOL RF, 31-70559-12G, AND DATE CODE"

5 SHOWS CABLE ENTRY DIMENSIONS

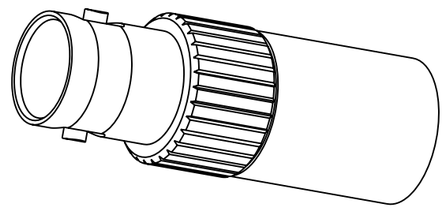
6. CABLE ASSEMBLY INSTRUCTIONS
   A. TRIM CABLE AS SHOWN
   B. SLIDE INSULATOR DISC ONTO CABLE CENTER CONDUCTOR
   C. CRIMP CONTACT TO CABLE CENTER CONDUCTOR WITH A .068" HEX DIE
   D. CRIMP FERRULE WITH .429" HEX DIE

THIRD ANGLE PROJ.

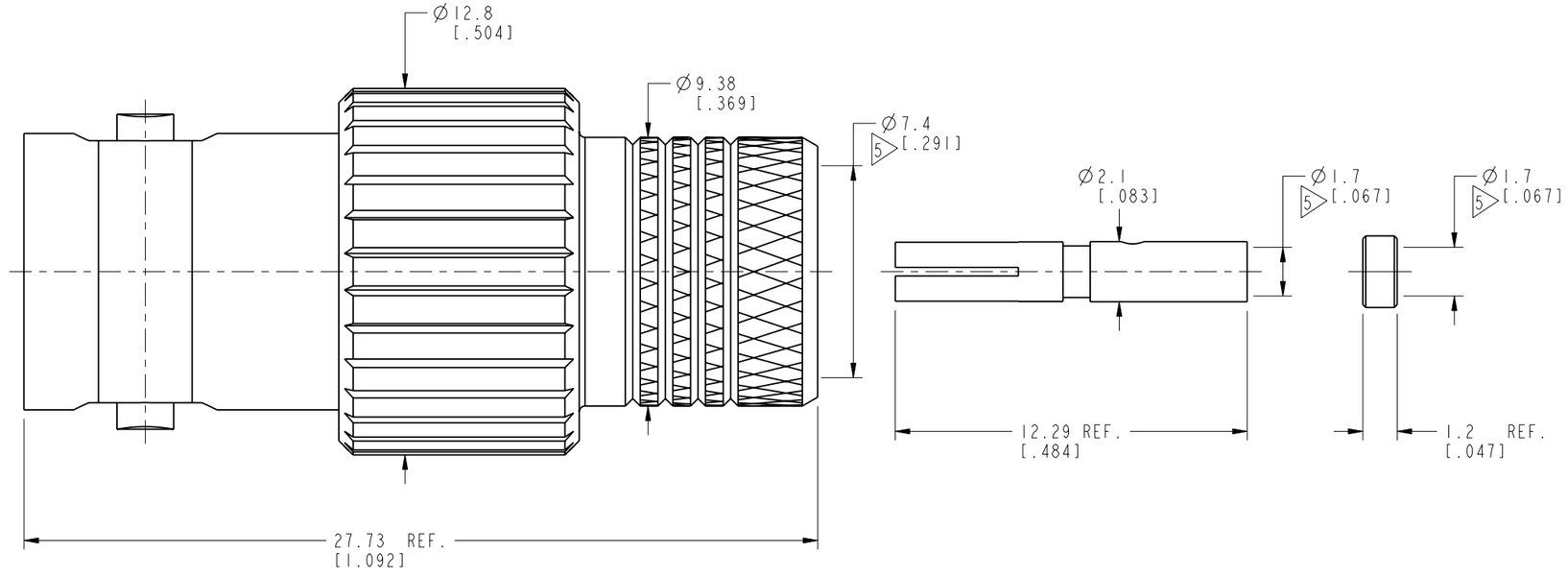
REVISIONS				
REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MANUFACTURING	13-Dec-18	09941	EH

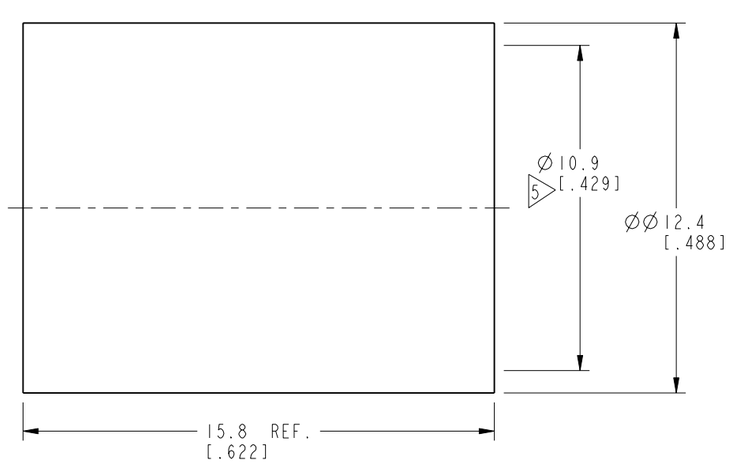


RECOMMENDED CABLE STRIPPING DIM'S



SCALE 2.000





CUSTOMER OUTLINE DRAWING

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°

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MATERIAL	SEE NOTES
REFERENCE	
EAR# 8542	
REF: 31-70539-12G	
CONFIGURATION LEVEL: In Work	
FINISH	

DRAWN	M.ZHANG	DATE 13-Dec-18
ENGINEER	E. HILL	DATE 21-Aug-18
APPROVED	S.HSIEH	DATE 14-Dec-18
CAD FILE		

TITLE
BNC CRIMP JACK FOR BELDEN 4731R & 4731P CABLE

SCALE: 5.0:1.0 | SHEET 2 OF 2

DWG SIZE	REV
B	A

Amphenol RF
www.amphenolrf.com

DRAWING NO.	31-70559-12G
ITEM NO.	31-70559-12G
PART NO.	31-70559-12G