

NOTES:

1. MATERIALS AND FINISHES:  
 BODY - BRASS, NICKEL PLATING  
 CONTACT PIN - PHOSPHOR BRONZE, GOLD PLATING  
 INSULATORS - 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): -20dB (1.2) MAX. @ DC-6GHz  
 -15dB (1.43) MAX. @ 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. 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

5 SHOWS CABLE ENTRY DIMENSIONS

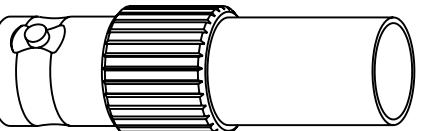
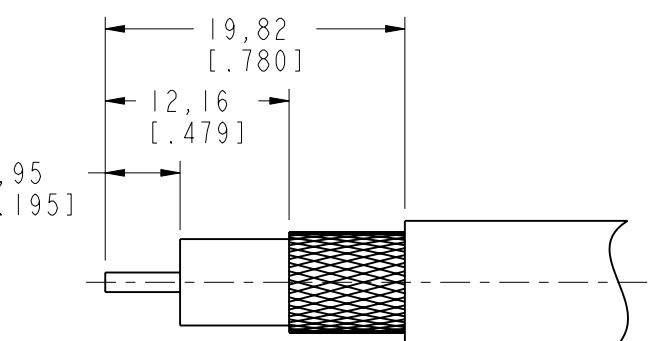
6. PACKAGING:  
 A. QUANTITY: SINGLE PACK  
 B. BAG TO BE MARKED: AMPHENOL RF  
 31-70553-12G  
 YYWW

THIRD ANGLE PROJ.



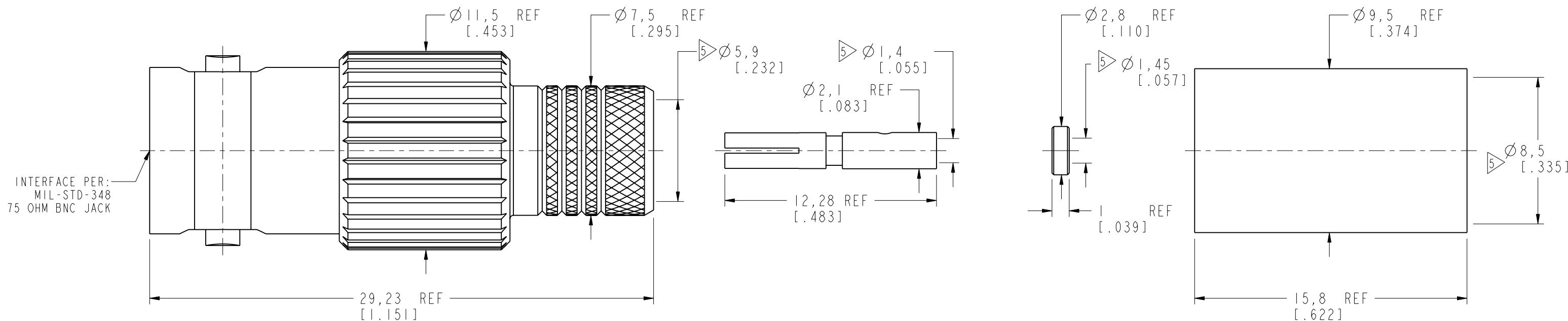
REVISIONS

REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MFG.	25-Oct-18	09442	SV



SCALE 1.500

**RECOMMENDED  
CABLE STRIPPING DIMENSIONS**



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# 8258

REF:

CONFIGURATION LEVEL: In Work

FINISH

DRAWN  
M.ZHANG

ENGINEER

S.VO

APPROVED

S.HSIEH

CAD FILE

DATE  
25-Oct-18

DATE

29-Jun-18

DATE

29-Oct-18

DWG SIZE

TITLE  
BNC CRIMP JACK-75 OHM  
(CANARE L-5.5CUHD  
CABLE)

SCALE: 4.5:1.0 SHEET 2 OF 2

ITEM NO. 31-70553-12G  
PART NO. 31-70553-12G

**CUSTOMER OUTLINE DRAWING**

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

Amphenol RF

www.amphenolrf.com

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