

NOTES:

1. MATERIALS AND FINISHES:
BODY, WASHER & FERRULE - BRASS, NICKEL PLATING
SHELL - ZINC DIECAST, NICKEL PLATING
CONTACT - BRASS, GOLD PLATING
SPRING - BeCu, NICKEL PLATING
INSULATOR - PTFE, NATURAL
GASKET - SILICONE RUBBER, RED
2. ELECTRICAL:
A. IMPEDANCE: 75 OHM
B. FREQUENCY RANGE: DC - 4 GHz
C. VSWR: 1.30 MAX.
D. DIELECTRIC WITHSTANDING VOLTAGE: 1500 VRMS, MIN.
3. MECHANICAL:
A. DURABILITY: 500 CYCLES MIN.
B. TEMPERATURE RANGE: -65 °C to +165 °C

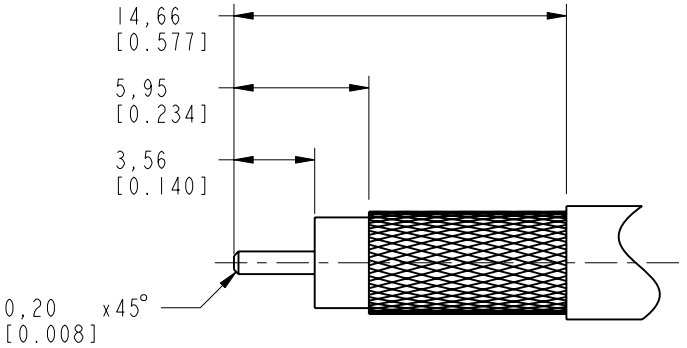
4. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED
"AMPHENOL RF, 31-70542 AND DATE CODE"
5. CABLE ASSEMBLY INSTRUCTIONS:
A. TRIM CABLE AS SHOWN.
B. SLIDE FERRULE ONTO CABLE
C. CRIMP CONTACT TO CABLE, CRIMP WITH AMPHENOL
TOOL 227-944 (M22520/5-01) AND DIE SET
227-980-3, CAVITY 'B' (CTL-8, 0.052" HEX)
D. CRIMP FERRULE OVER BRAID WITH 0.324" HEX.

6 SHOWS CABLE ENTRY DIMENSIONS.

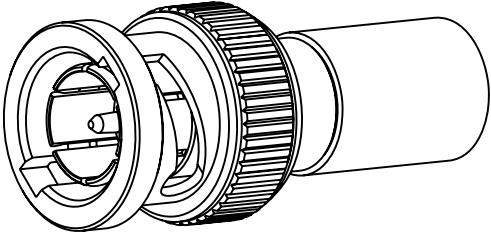
THIRD ANGLE PROJ.

REVISIONS

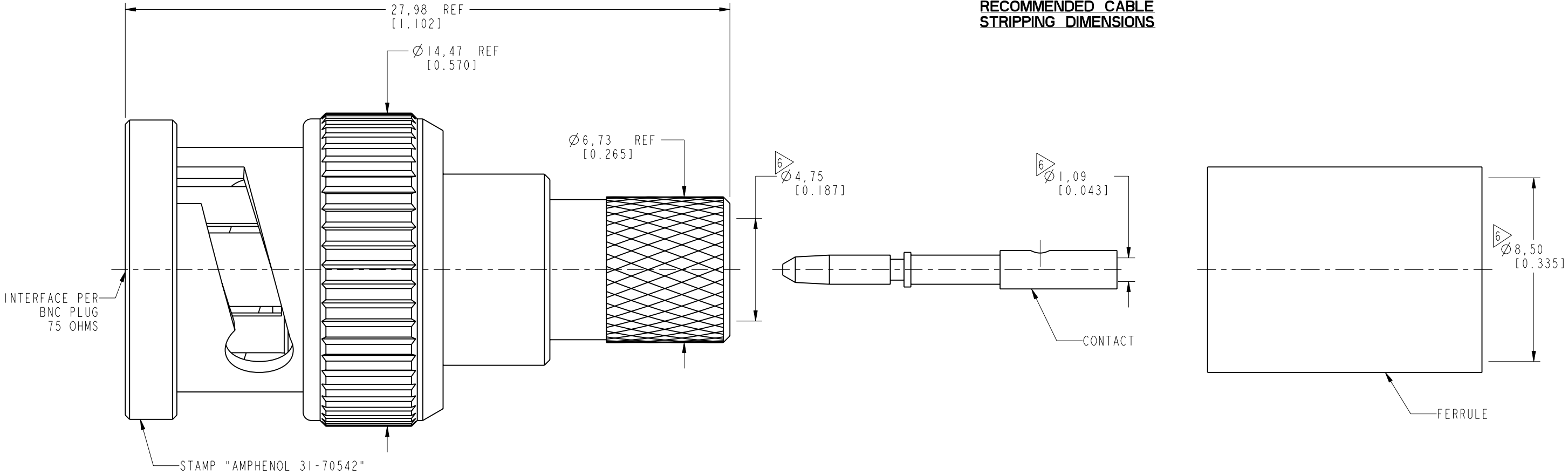
REV	DESCRIPTION	DATE	ECN	APPR
A	RELEASE TO MFG.	31-Oct-17	5668	BMG



RECOMMENDED CABLE
STRIPPING DIMENSIONS



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°

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.

MATERIAL
SEE NOTES

REFERENCE
EAR# 7365.1
REF: 31-70000

CONFIGURATION LEVEL: In Work

FINISH

DRAWN
S.DUAN

ENGINEER
LOKESH P

APPROVED
S.HSIEH

CAD FILE

DATE
02-Nov-17

DATE
15-Sep-17

DATE
02-Nov-17

TITLE
75 OHM BNC STR PLUG
FOR RG 6/U CABLE
(Ø295 MAX) SINGLE SHIELD

SCALE: 5.5:1.0
DWG SIZE
B

SHEET 2 OF 2
REV
A

Amphenol RF

www.amphenolrf.com

DRAWING NO. 31-70542

ITEM NO. 31-70542

PART NO. 31-70542