

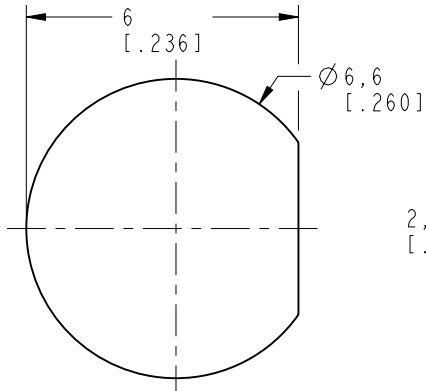
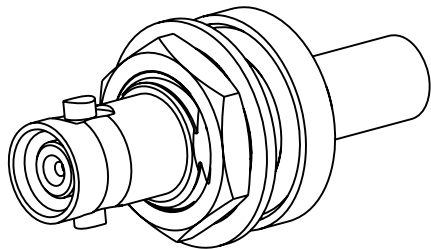
NOTES:

1. MATERIALS AND FINISHES:
BODY : BRASS, NICKEL PLATING
CENTER CONTACT : BERYLLIUM COPPER, GOLD PLATING
BULLET CONTACT : BRASS, GOLD PLATING
HEX NUT : BRASS, GOLD PLATING
LOCKWASHER : BRASS, GOLD PLATING
INSULATOR : PTFE
2. ELECTRICAL:
A. IMPEDANCE : 50 OHMS
B. FREQUENCY RANGE : DC - 6 GHz
3. MECHANICAL:
A. DURABILITY : 500 CYCLES MIN.
4. ENVIRONMENTAL:
A. THERMAL SHOCK PER MIL-STD-202 METHOD 107 TEST CONDITION B (EXCEPT HIGH TEMP @200 C)
B. VIBRATION: MIL-STD-202 METHOD 204 TEST CONDITION B
C. SHOCK: MIL-STD-202 METHOD 213 TEST CONDITION B
D. CORROSION: MIL-STD-202 METHOD 101 TEST CONDITION B 5% SALT SOLUTION
E. CONNECTOR PASSES IP67 IN MATED CONDITION
5. PACKAGING:
A. QUANTITY : SINGLE PACK
B. MARKING : BAG TO BE MARKED "AMPHENOLRF, 34-5019 WWYY"
C. HEX NUT, LOCKWASHER, O-RING, BULLET CONTACT AND FERRULE ARE PACKAGED LOOSE.
6. ASSEMBLY:
A. STRIP CABLE TO DIMENSIONS SHOWN
B. SOLDER BULLET CONTACT TO CABLE CENTER CONDUCTOR, BOTTOMING ON INSULATOR
C. INSERT CABLE INTO CONNECTOR UNTIL IT BOTTOMS
D. CRIMP BODY OVER INNER FERRULE USING .128 HEX

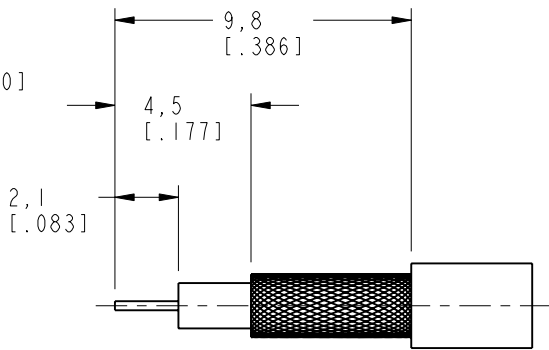
THIRD ANGLE PROJ.

REVISIONS

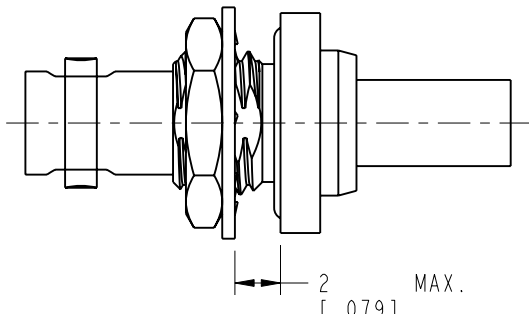
REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG.	22-Mar-12	48992	IX



RECOMMENDED
MOUNTING HOLE



RECOMMENDED CABLE
STRIPPING DIMENSIONS



AFTER ASSEMBLY
RECOMMENDED PANEL THICKNESS

5/16" HEX NUT

LOCKWASHER

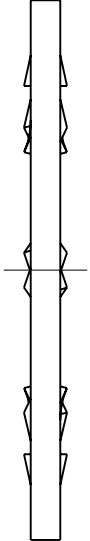
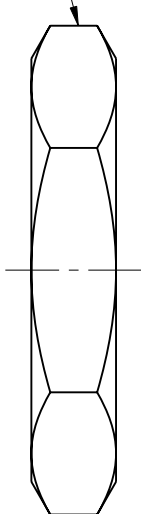
1/4-36 UNEF-2A
THREADS

O-RING

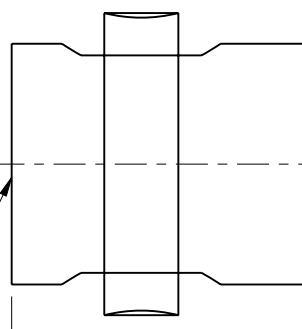
Ø 9,7
[.382]

BULLET CONTACT

FERRULE



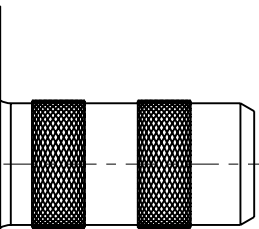
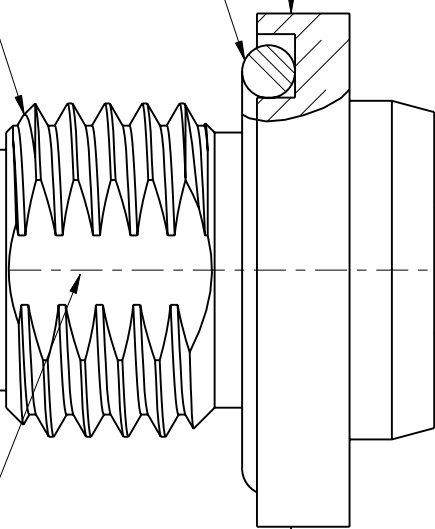
50Ω HD BNC
INTERFACE



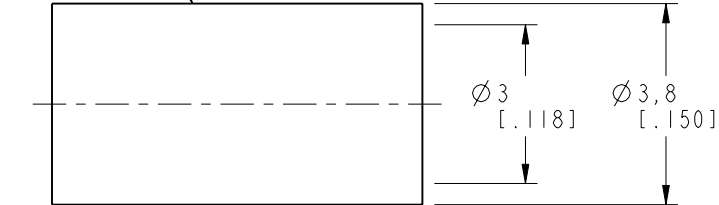
ONE FLAT
5.8 [.228] ACROSS

11,25
[.443]

19,4
[.764]



Ø 1,6
[.063]



Ø 0,91
[.036]

Ø 0,61
[.024]

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°

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 NOTE 1

REFERENCE

EAR 4505

AND

CONFIGURATION LEVEL: □□□□

FINISH

DRAWN

I.XU

ENGINEER

T. SMITH

APPROVED

S.HSIEH

CAD FILE

DATE

22-Mar-12

DATE

12/12/11

DATE

28-Mar-12

TITLE

50 OHM HD BNC BHD
JACK FOR RG 316
IP67

SCALE: 8.0:1.0

DWG SIZE

B

SHEET

2 OF 2

REV

A

Amphenol RF

www.amphenolrf.com

DRAWING NO.34-5019

ITEM NO.34-5019

PART NO.34-5019