NOTES:

1. MATERIALS AND FINISHES:
   - BODY : BRASS, NICKEL PLATING
   - CENTER CONTACT : BERYLLIUM COPPER, GOLD PLATING
   - BULLET CONTATC : 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

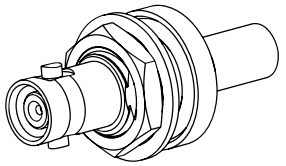
5. PACKAGING:
   - A. QUANTITY : SINGLE PACK
   - B. MARKING : BAG TO BE MARKED "AMPHENOLRF, 34-5019 WWYY"
   - C. HEX NUT, LOCKWASHER, O-RING, BULLET CONTACT AND FERRULE ARE PACKAGED LOOSE.

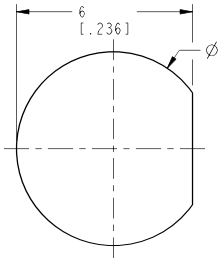
6. ASSEMBLY:
   - A. STRIP CABLE TO DIMENSIONS SHOWN
   - B. SOLDER BULLET CONTACT TO CABLE CENTER CONDUCTOR, BOTTOMING ON INSULATOR
   - C. INSERT CABLE INTO CONNECTOR UNTIL IT BOTTOMS
   - D. CRIMP BODY OVER INNER FERRULE USING .128 HEX

THIRD ANGLE PROJ.

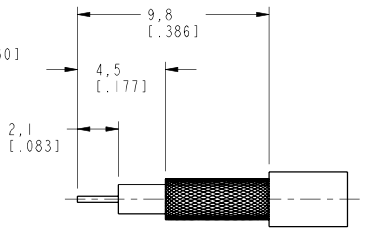
REVISIONS

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

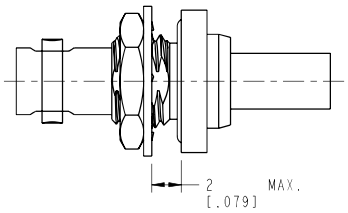




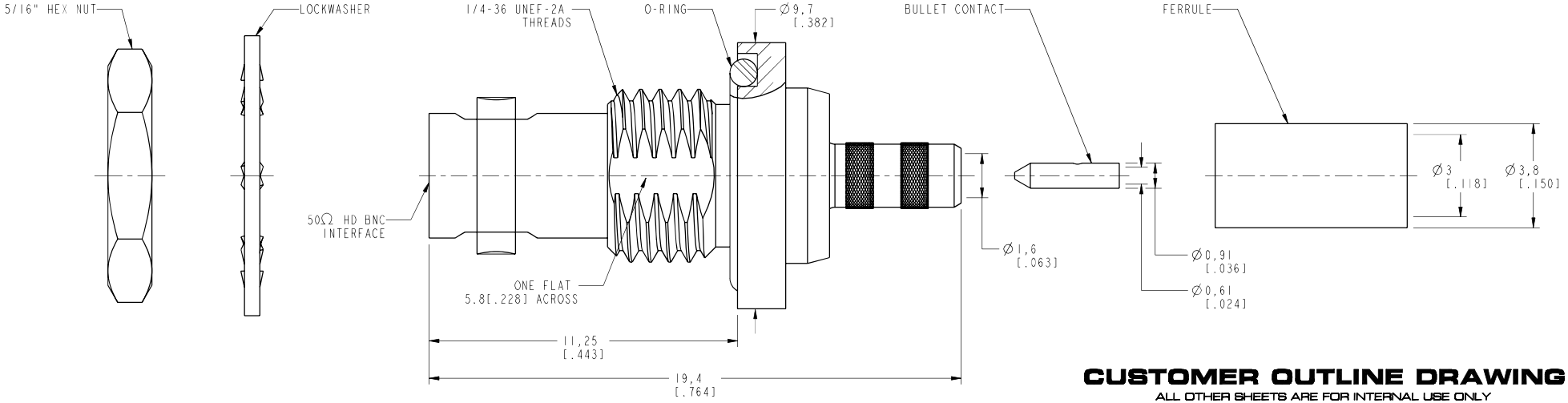
RECOMMENDED MOUNTING HOLE



RECOMMENDED CABLE STRIPPING DIMENSIONS



AFTER ASSEMBLY
RECOMMENDED PANEL THICKNESS



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 NOTE 1

REFERENCE: EAR 4505 AND

CONFIGURATION LEVEL: □□□□

FINISH

DRAWN	I.XU	DATE 22-Mar-12
ENGINEER	T. SMITH	DATE 12/12/11
APPROVED	S.HSIEH	DATE 28-Mar-12
CAD FILE		

TITLE: 50 OHM HD BNC BHD JACK FOR RG 316 IP67

SCALE: 8.0:1.0 | SHEET 2 OF 2 | DWG SIZE B | REV A

Amphenol RF

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DRAWING NO. 34-5019

ITEM NO. 34-5019

PART NO. 34-5019