

NOTES:

1. MATERIALS AND FINISHES:

BODY,R.RING,BODY REAR AND HEX NUTS - BRASS, NICKEL PLATING.  
CONTACTS - BERYLLIUM COPPER, GOLD PLATING.  
CRIMP FERRULE - ANNEALED COPPER, NICKEL PLATING.  
INSULATOR - PTFE  
O-RING - SILICONE RUBBER.  
GASKET - SILICONE RUBBER PER ZZ-R-765.  
LOCK WASHER - STAINLESS STEEL.

2. ELECTRICAL:

A. IMPEDANCE: 50 OHM.  
B. FREQUENCY RANGE = DC TO 2.0 GHz

3. MECHANICAL:

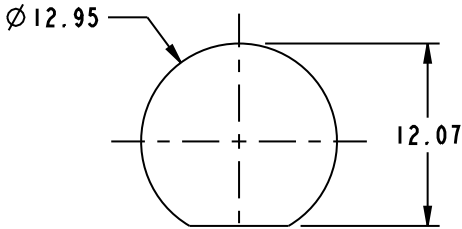
A. CONNECTOR IS IP-67 COMPLIANT.  
B. INTERFACE MEETS THE REQUIREMENTS OF MIL-STD-348, BNC SERIES

4. CABLE ASSEMBLY INSTRUCTIONS:

A. TRIM CABLE AS SHOWN  
B. SLIDE FERRULE & BACKNUT ONTO CABLE  
C. CRIMP FERRULE USING A .128 HEX DIE  
D. CRIMP OR SOLDER BULLET CONTACT TO CABLE CENTER CONDUCTOR  
E. INSERT CABLE WITH BULLET CONTACT INTO BODY  
F. APPLY THREAD LOCKING ADHESIVE ON THE THREADS OF THE BACK NUT  
G. TORQUE BACK NUT DOWN TO 15 IN-LB

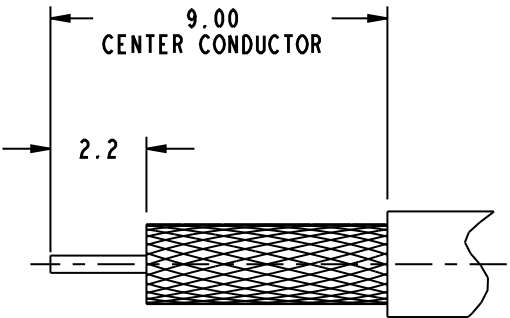
5. PACKAGING:

A. QUANTITY: SINGLE PACK  
B. MARKING: BAG TO BE MARKED  
"AMPHENOL, 31-6332, AND DATE CODE"

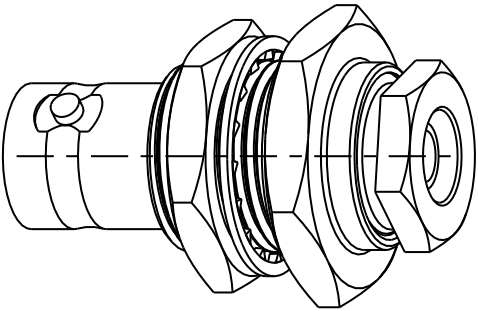


SCALE 2.000  
RECOMENDED MOUNTING  
HOLE DIMENSIONS

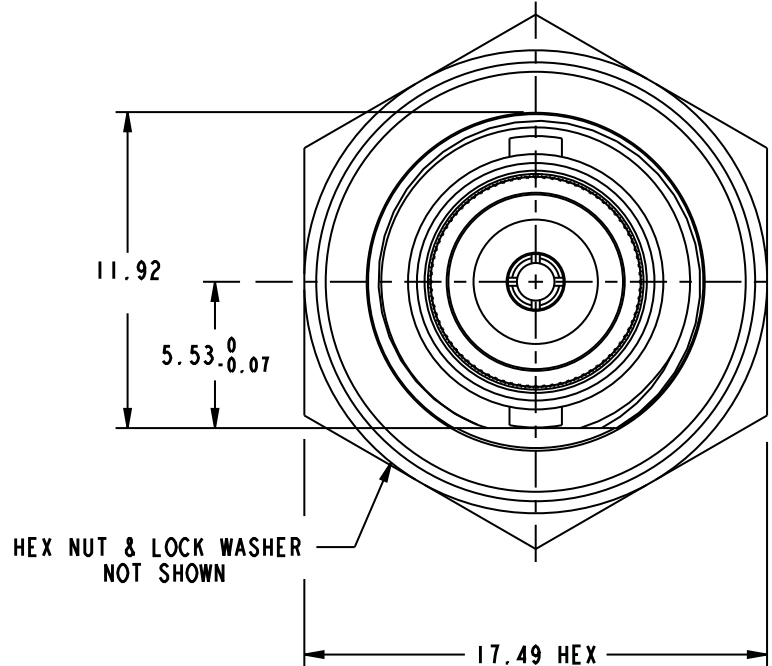
| REVISIONS |                    |           |       |      |
|-----------|--------------------|-----------|-------|------|
| REV       | DESCRIPTION        | DATE      | ECO   | APPR |
| A         | RELEASED TO MFG    | 1/5/09    | 47386 | NMV  |
| B         | SEE SHEET 1        | 22-Oct-09 | 47845 | SH   |
| C         | SEE SHEET 1        | 25-Nov-09 |       | SH   |
| D         | SEE SHEET 1        | 07-22-10  | 48211 | AC   |
| E         | GASKET WAS CHANGED | 22-Nov-10 | 48349 | SH   |



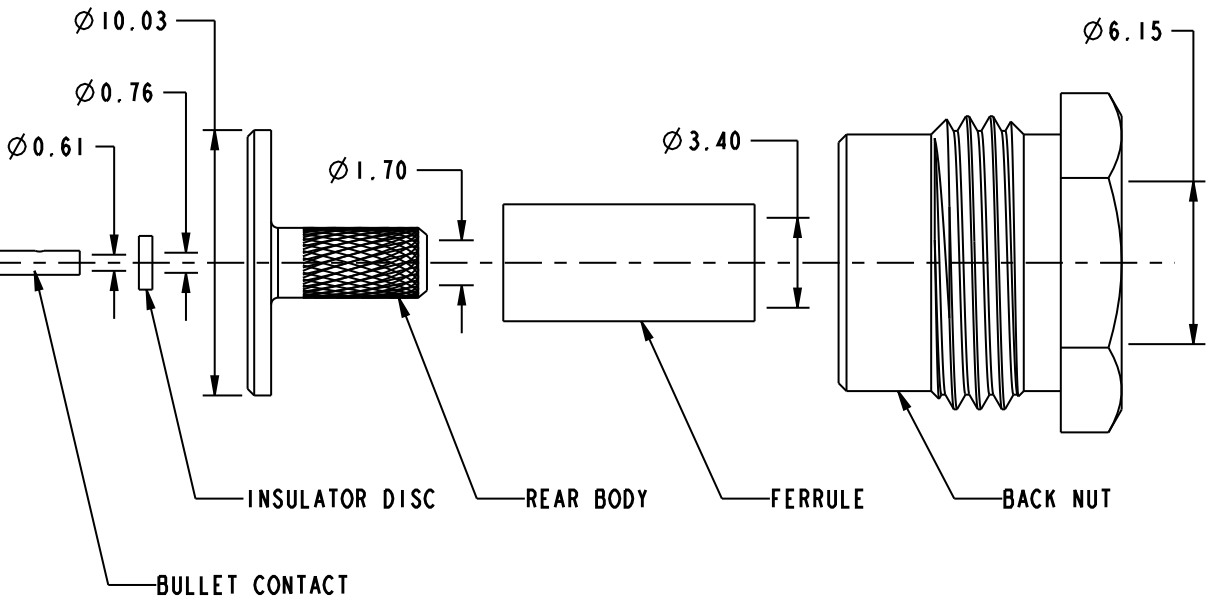
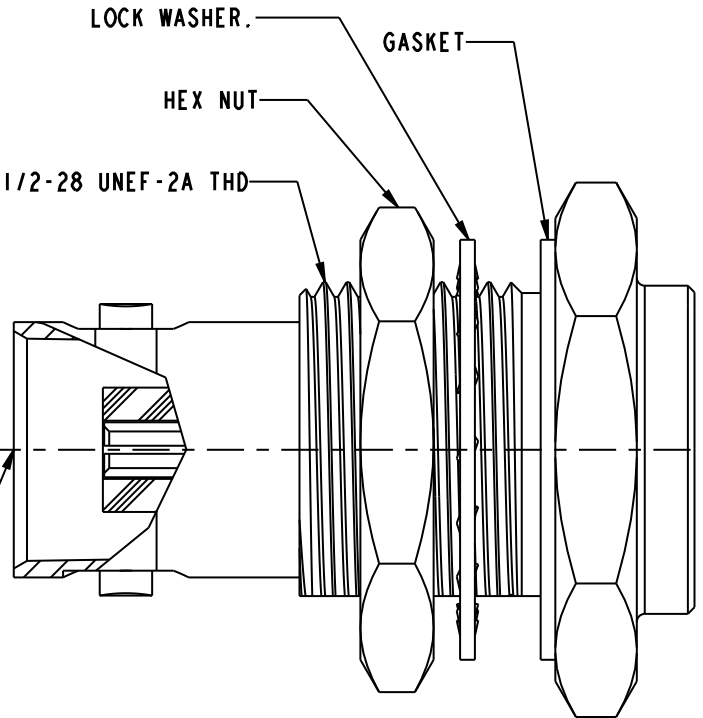
RECOMMENDED CABLE  
STRIPPING DIMENSIONS



SCALE 2.000



INTERFACE PER  
MIL-STD-348A  
SERIES:BNC, JACK



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 sperson 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<br>-                       | DRAWN<br>F. WANG       | DATE<br>22-Nov-10 | TITLE<br>BNC, JACK, BULKHEAD<br>IP-67 FOR RD-316 |  | Amphenol RF<br>Danbury CT USA, Tainan, Taiwan, Shenzhen, China<br>www.amphenolrf.com |                    |
|                                     | ENGINEER<br>NISCHIT MV | DATE<br>13-Dec-10 |                                                  |  |                                                                                      |                    |
| REFERENCE<br>EAR # 2718 AND 31-6332 | APPROVED<br>SCOTT.H    | DATE<br>22-Nov-10 | SCALE: 3.5:1.0                                   |  | SHEET 2 OF 2                                                                         | DRAWING NO.31-6332 |
| CONFIGURATION LEVEL: Released       | CAD FILE               |                   | DWG SIZE<br>B                                    |  | REV<br>E                                                                             | ITEM NO.31-6332    |
| FINISH                              | 1:/BNC/31-6332         |                   |                                                  |  |                                                                                      | PART NO.31-6332    |