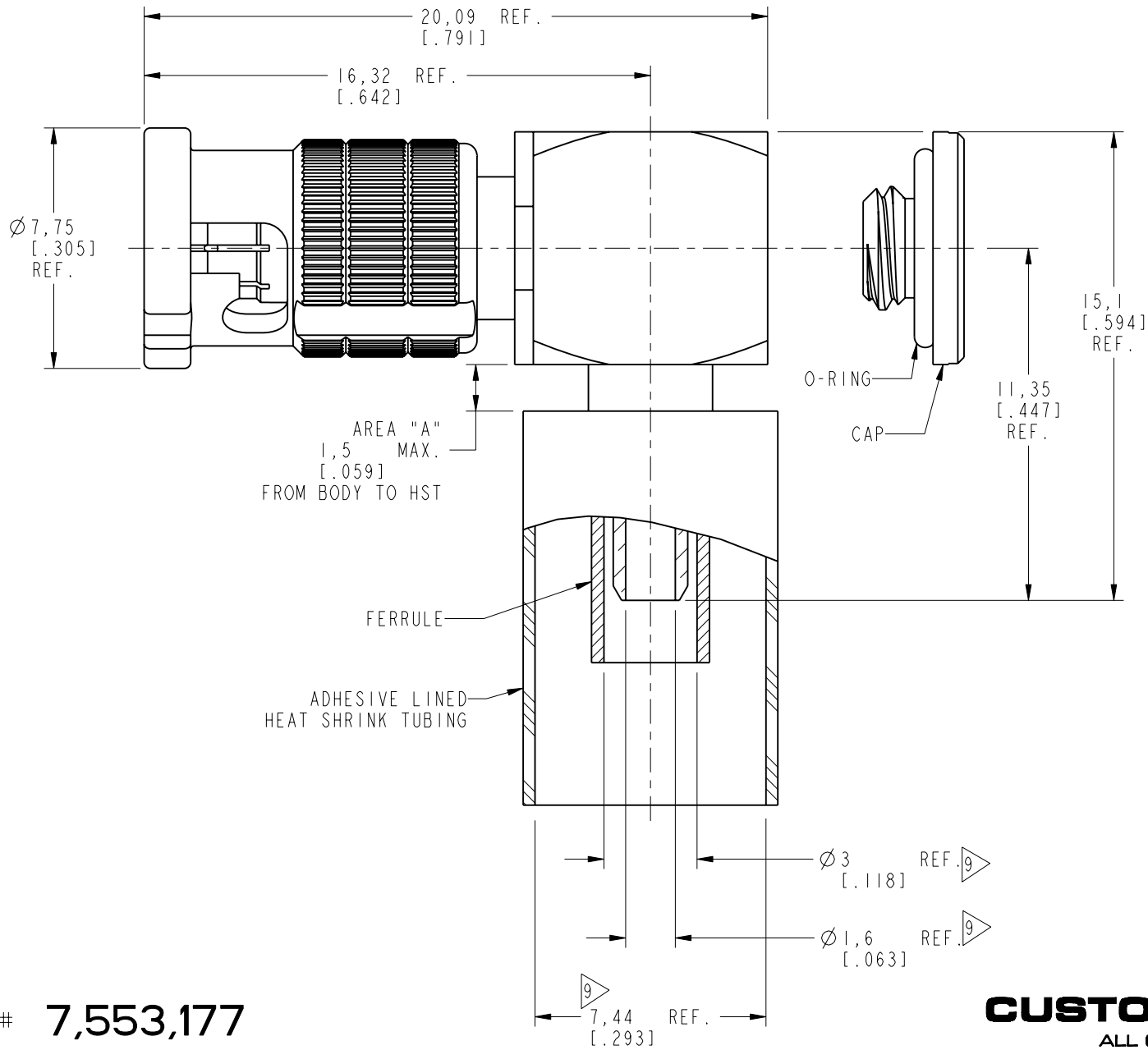
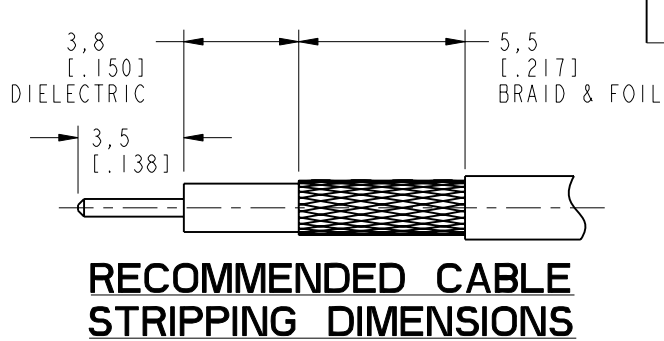


NOTES:

1. MATERIALS AND FINISHES:  
BODY AND BAYONET SLEEVE - BRASS, NICKEL PLATING  
OUTER CONTACT - BeCu, NICKEL PLATING  
CONTACT - PHOSPHOR BRONZE, GOLD PLATING  
FERRULE - COPPER, NICKEL PLATING  
INSULATOR - PTFE
2. ELECTRICAL:  
A. IMPEDANCE: 50 OHM  
B. FREQUENCY RANGE: DC - 6 GHz  
C. RETURN LOSS: -25 dB MAX. to 3 GHz, -20 dB MAX. to 6 GHz  
D. DIELECTRIC WITHSTANDING VOLTAGE: 500 VRMS, MIN.  
E. INSULATION RESISTANCE: 10,000 MΩ MIN
3. MECHANICAL:  
A. DURABILITY: 500 CYCLES MIN.  
B. TEMPERATURE RANGE: -65° C TO +165° C
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. SEALING : IP-67 IN MATED CONDITION.
5. PACKAGING:  
A. QUANTITY: SINGLE PACK  
B. MARKING: BAG TO BE MARKED:  
"AMPHENOL RF, 34-5016 DATE CODE  
U.S. PATENT NO. 7,553,177"
6. HIGH DENSITY INSTALLATION/REMOVAL TOOL: 227-T2000
7. CABLE ASSEMBLY INSTRUCTIONS:  
A. TRIM CABLE AS SHOWN.  
B. SLIDE FERRULE AND HEAT SHRINK TUBING ONTO CABLE.  
C. INSERT CABLE INTO CONNECTOR  
D. CRIMP FERRULE WITH .128" HEX.  
E. SOLDER CABLE CENTER CONDUCTOR TO CONTACT.  
F. APPLY HEAT SHRINK TUBING OVER FERRULE  
G. HEAT SHRINK TUBING SHOULD FULLY (360 DEG) COVER  
THE BUMP ON THE BODY AND END WITHIN AREA "A".
8. CAP ASSEMBLY INSTRUCTIONS  
A. PLACE O-RING ON CAP AS SHOWN  
B. ASSEMBLE CAP TO BODY WITH 8-10 IN-LBS TORQUE.

9 SHOWS CABLE ENTRY DIMENSIONS.



PROTECTED UNDER U.S. PATENT # 7,553,177

**CUSTOMER OUTLINE DRAWING**  
ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                              |  |                      |  |                   |  |                                                                         |  |                                       |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|--|----------------------|--|-------------------|--|-------------------------------------------------------------------------|--|---------------------------------------|--|
| UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN METRIC AND TOLERANCES ARE:<br><0.5mm      0.5 - 6mm      6 - 30mm      30 - 120mm      ANGLES<br>± 0.05mm    ±0.1mm      ±0.2mm      ± 0.3mm      ±1°                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | MATERIAL                     |  | DRAWN                |  | DATE              |  | TITLE<br>HD-BNC R/A PLUG FOR<br>RG 316 CABLE IP67<br>IN MATED CONDITION |  | Amphenol RF<br><br>www.amphenolrf.com |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | SEE NOTES                    |  | STAR                 |  | 27-Nov-18         |  |                                                                         |  |                                       |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                              |  | ENGINEER<br>R. RAJAN |  | DATE<br>12-Nov-11 |  |                                                                         |  |                                       |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | REFERENCE<br>EAR # 4929      |  | APPROVED             |  | DATE              |  | SCALE: 5.0:1.0                                                          |  | SHEET 2 OF 2                          |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | CONFIGURATION LEVEL: In Work |  | FIGO                 |  | 30-Nov-18         |  | DWG SIZE                                                                |  | REV                                   |  |
| 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 implicatioin 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 otherwsie, that may in any way be related to or disclosed by said drawings, specifications, or other data. | CAD FILE                     |  |                      |  | B                 |  | C                                                                       |  | DRAWING NO. 34-5016                   |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | FINISH                       |  |                      |  |                   |  |                                                                         |  | ITEM NO. 34-5016                      |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                              |  |                      |  |                   |  |                                                                         |  | PART NO. 34-5016                      |  |