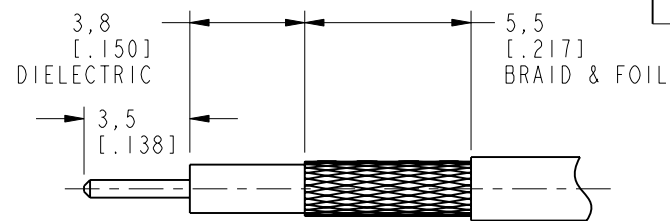


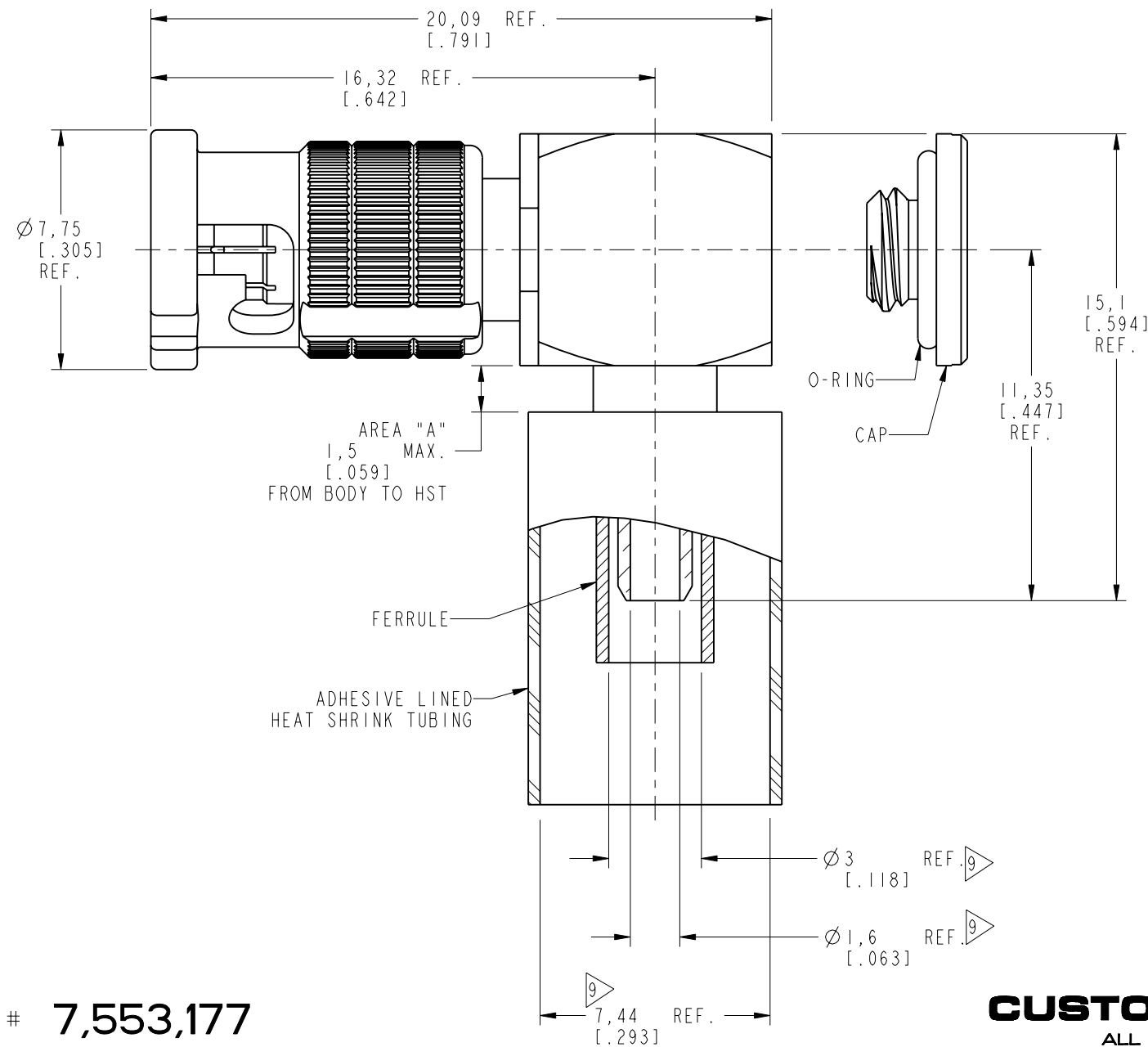
NOTES:

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.



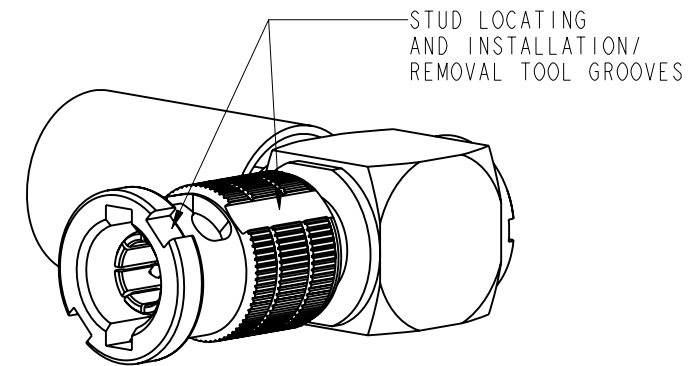
**RECOMMENDED CABLE STRIPPING DIMENSIONS**



THIRD ANGLE PROJ.

REVISIONS

REV	DESCRIPTION	DATE	ECO	APPR
A	RELEASE TO MFG	18-Mar-14	49811	RM
B	ADDED RAW MATERIAL REQUEST	21-May-18	08121	KCE
C	O-RING WERE CHANGED	27-Nov-18	09746	SC



SCALE 3.000

**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: <0.5mm ±0.05mm    0.5 - 6mm ±0.1mm    6 - 30mm ±0.2mm    30 - 120mm ±0.3mm    ANGLES ±1°	MATERIAL	DRAWN	DATE	TITLE HD-BNC R/A PLUG FOR RG 316 CABLE IP67 IN MATED CONDITION		Amphenol RF www.amphenolrf.com	
	SEE NOTES	STAR	27-Nov-18				
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.	REFERENCE	ENGINEER	DATE	SCALE: 5.0:1.0    SHEET 2 OF 2		DRAWING NO. 34-5016 ITEM NO. 34-5016 PART NO. 34-5016	
	EAR # 4929	R. RAJAN	12-Nov-11				
	CONFIGURATION LEVEL: In Work	APPROVED	FIGO	DATE	DWG SIZE    REV B                    C		
FINISH			30-Nov-18				