

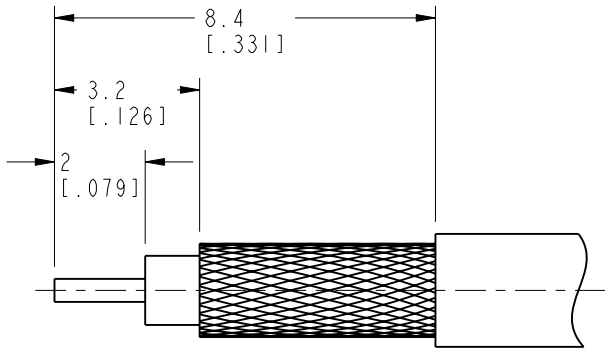
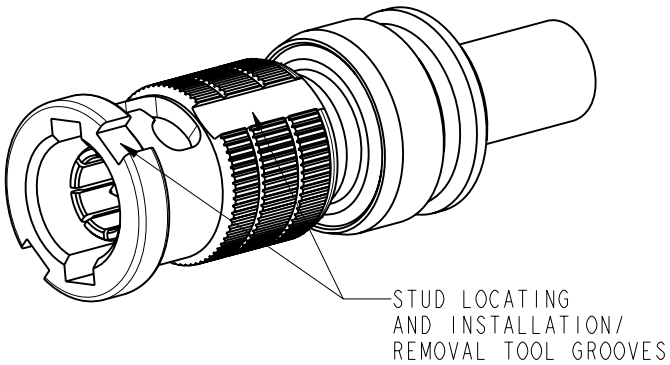
NOTES:

1. MATERIALS AND FINISHES:  
BODY-REAR & FERRULE  
& BAYONET SLEEVE  
& WASHER &  
RETAINING RING  
BODY  
CONTACT  
INSULATOR
- BRASS, NICKEL PLATING  
- BeCu, NICKEL PLATING  
- PHOSPHOR BRONZE, GOLD PLATING  
- PTFE, NATURAL
2. ELECTRICAL:  
A. IMPEDANCE: 50 OHM  
B. FREQUENCY RANGE: DC - 6 GHz  
C. RETURN LOSS: 30 dB MIN FROM DC - 3 GHz  
D. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, 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

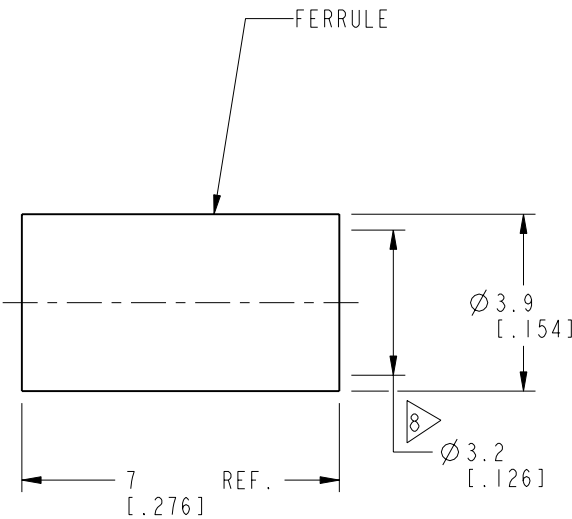
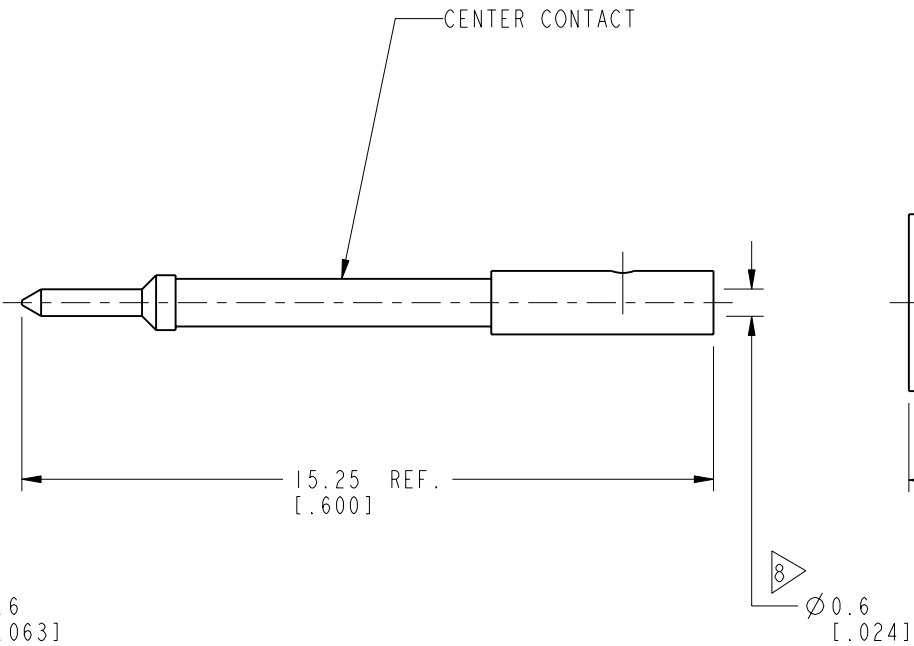
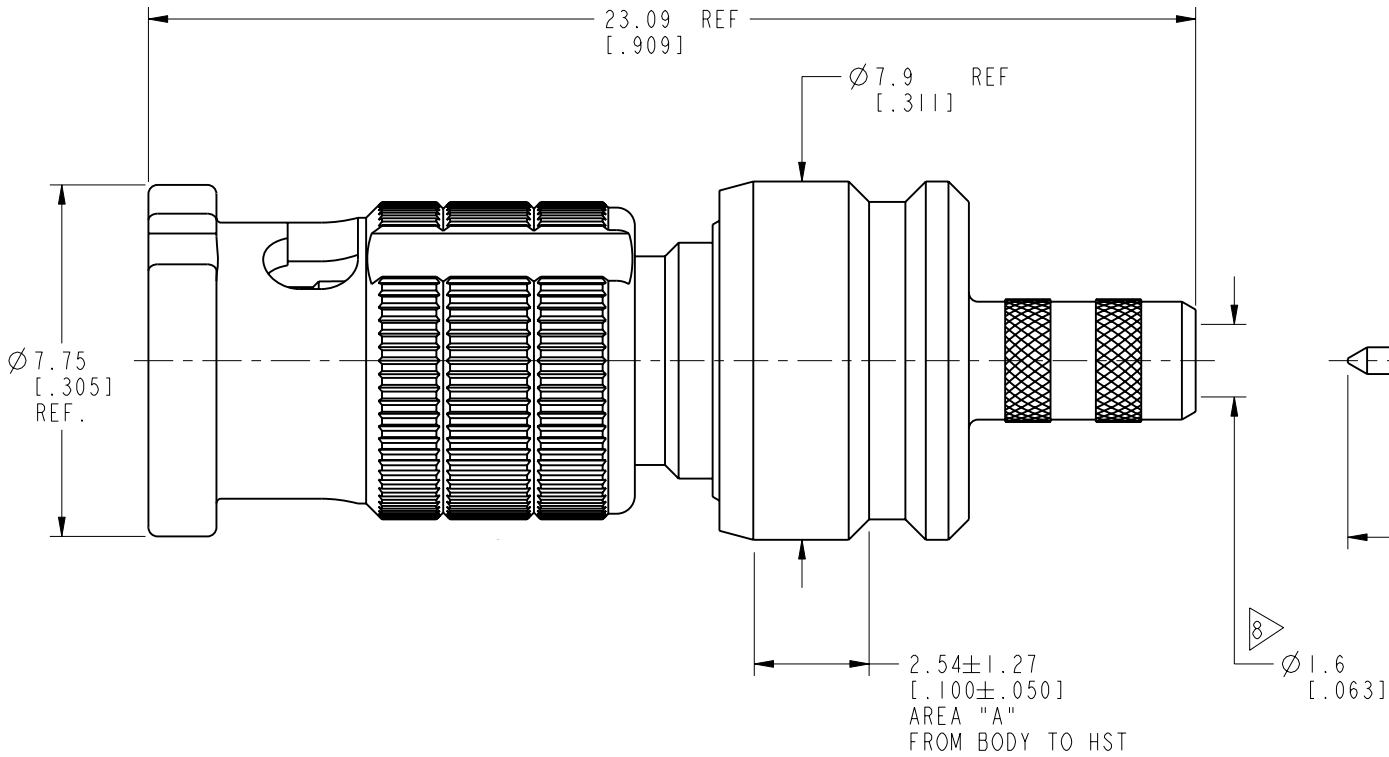
5. PACKAGING:  
A. QUANTITY: SINGLE PACK  
B. MARKING: BAG TO BE MARKED:  
"AMPHENOL RF, 34-5067 DATE CODE"
6. HIGH DENSITY INSTALLATION/REMOVAL TOOL: 227-T2000
7. CABLE ASSEMBLY INSTRUCTIONS:  
A. TRIM CABLE AS SHOWN.  
C. SOLDER CONTACT TO CABLE CENTER CONDUCTOR.  
D. INSERT CONTACT AND CABLE INTO CONNECTOR  
UNTIL CONTACT BOTTOMS INSIDE OF CONNECTOR.  
E. CRIMP FERRULE WITH .128" HEX.  
F. APPLY HEAT SHRINK TUBING OVER FERRULE.  
G. HEAT SHRINK TUBING SHOULD FULLY (360 DEG) COVER  
THE BUMP ON BODY AND END WITHIN AREA "A"
8. SHOWS CABLE ENTRY DIMENSIONS.
9. ADHESIVE LINED HEAT SHRINK TUBE IS INCLUDED (NOT SHOWN)

THIRD ANGLE PROJ.

| REVISIONS |                 |           |       |      |
|-----------|-----------------|-----------|-------|------|
| REV       | DESCRIPTION     | DATE      | ECN   | APPR |
| A         | RELEASE TO MFG. | 14-Mar-19 | 11022 | SV   |



RECOMMENDED  
CABLE STRIPPING DIMENSIONS  
SCALE 6.000



**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°<br><br>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<br>SEE NOTES                  | DRAWN<br>W.ZENG     | DATE<br>29-Mar-19 | TITLE<br>50 OHM HD-BNC STR PLUG<br>FOR RG-316 CABLE<br>IP-67 IN MATED CONDITION | Amphenol RF<br>www.amphenolrf.com |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | REFERENCE<br>EAR# 8970<br>REF: 34-5017 | ENGINEER<br>S.DUAN  | DATE<br>3-Apr-19  |                                                                                 |                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | CONFIGURATION LEVEL: In Work           | APPROVED<br>S.HSIEH | DATE<br>3-Apr-19  | SCALE: 6.0:1.0                                                                  | SHEET 2 OF 2                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | FINISH                                 | CAD FILE            |                   | DWG SIZE<br>B                                                                   | REV<br>A                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                        |                     |                   |                                                                                 |                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                        |                     |                   |                                                                                 | DRAWING NO. 34-5067               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                        |                     |                   |                                                                                 | ITEM NO. 34-5067                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                        |                     |                   |                                                                                 | PART NO. 34-5067                  |

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