NOTES:

1. MATERIALS AND FINISHES:
   REAR BODY AND BAYONET SLEEVE - BRASS, NICKEL PLATING
   OUTER CONTACT - BeCu, NICKEL PLATING
   CONTACT - PHOSPHOR BRONZE, GOLD PLATING
   FERRULE - COPPER, NICKEL PLATING
   INSULATOR - PTFE, NATURAL
   INSULATOR-REAR - PTFE, NATURAL
   CAP - STAINLESS STEEL, PASSIVATED

2. ELECTRICAL:
   A. IMPEDANCE: 75 OHM
   B. FREQUENCY RANGE : DC - 18 GHz
   C. RETURN LOSS:-20dB DC-6 GHz
   -15dB 6-12 GHz

3. MECHANICAL:
   A. DURABILITY: 500 CYCLES MIN.
   B. TEMPERATURE : -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

5. PACKAGING:
   A. QUANTITY: SINGLE PACK
   B. MARKING: BAG TO BE MARKED:
   "AMPHENOL RF, 34-1118-12G DATE CODE"

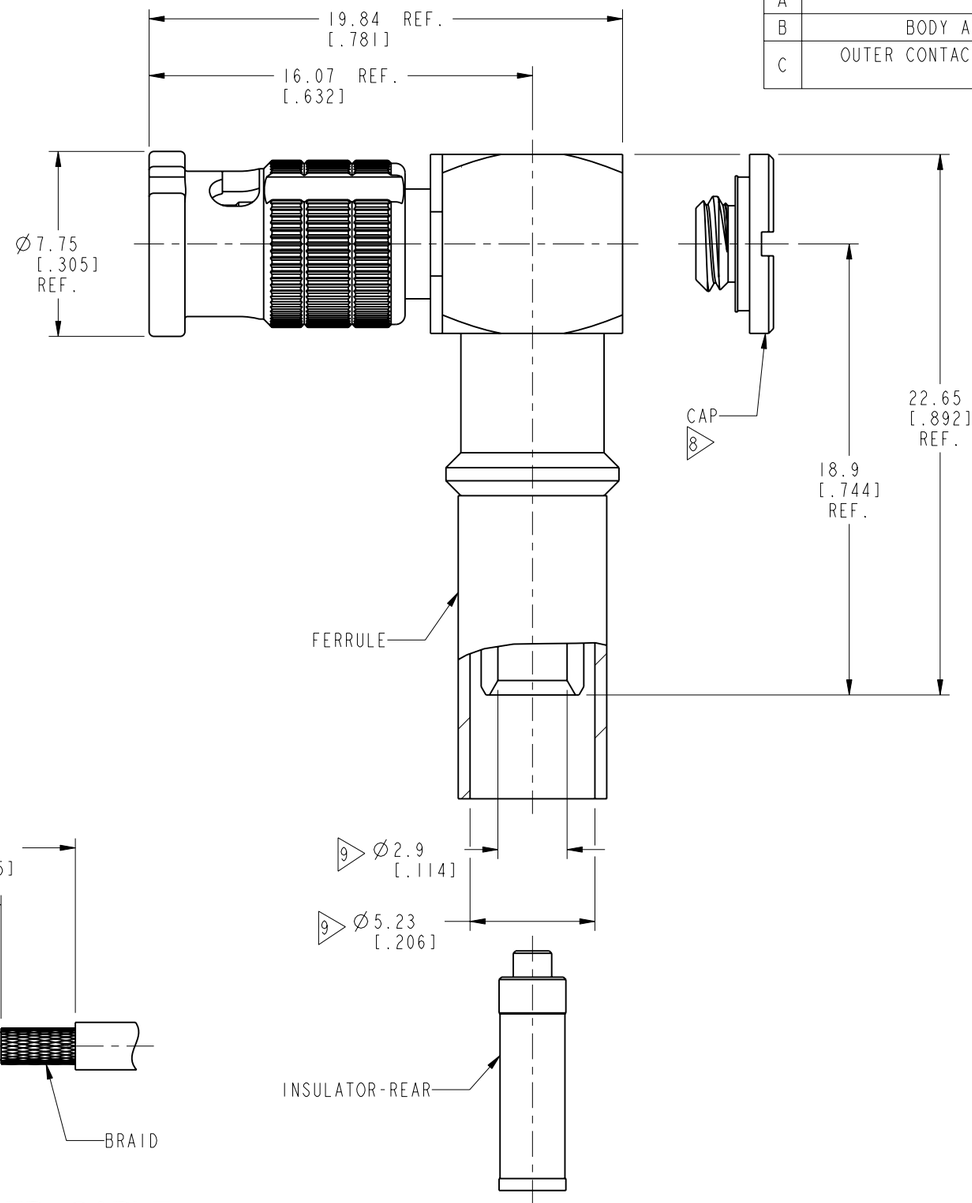
6. HIGH DENSITY INSTALLATION/REMOVAL TOOL: 227-T2000

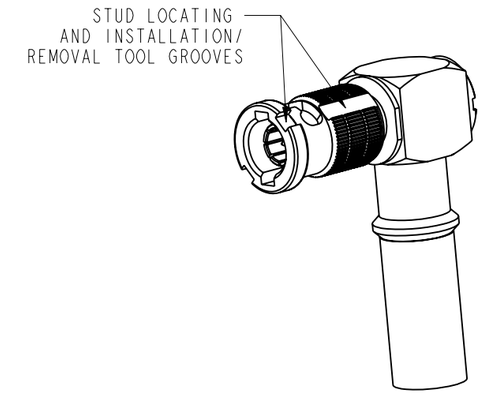
7. CABLE ASSEMBLY INSTRUCTIONS:
   A. TRIM CABLE AS SHOWN.
   B. SLIDE FERRULE ONTO CABLE.
   C. INSERT INSULATOR-REAR ONTO CENTER CONDUCTOR IN ORIENTATION SHOWN.
   D. INSERT CABLE WITH INSULATOR-REAR INTO CONNECTOR WITH FOIL ENTERING
   CONNECTOR AND BRAID OVER KNURL
   E. SOLDER CONTACT TO CABLE CENTER CONDUCTOR.
   F. CRIMP FERRULE WITH .213" HEX.

8. CAP ASSEMBLY INSTRUCTIONS:
   A. ASSEMBLE CAP TO BODY WITH 5 IN-LBS MAX TORQUE.

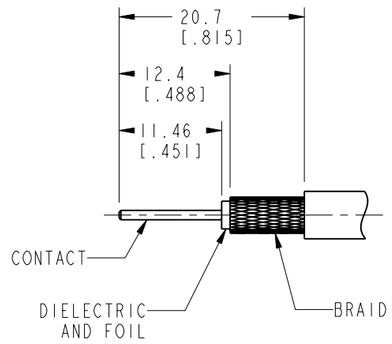
9 SHOWS CABLE ENTRY DIMENSIONS.

| REVISIONS | | | | |
|---|---|---|---|---|
| REV | DESCRIPTION | DATE | ECN | BY |
| A | RELEASE TO MFG. | 26-MAR-18 | 07342 | KCE |
| B | BODY AND REAR BODY WERE CHANGED | 27-NOV-18 | 09746 | SC |
| C | OUTER CONTACT,REAR BODY AND INSULATOR-REAR WERE CHANGED | 05-AUG-24 | 17144 | SCOTT |




SCALE 2.000




**RECOMMENDED CABLE STRIPPING DIMENSIONS**

# CUSTOMER OUTLINE DRAWING

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

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THIRD ANGLE PROJ.

| REFERENCE | EAR# |
|---|---|
| | 8067 |

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE METRIC [INCHES] AND TOLERANCES ARE:

| | |
|---|---|
| <0.5mm = ±0.05mm | [<0.020 = ±0.002] |
| 0.5 - 6mm = ±0.1mm | [ 0.020 - 0.236 = ±0.004] |
| >6.00 - 30mm = ±0.2mm | [>0.236 - 1.181 = ±0.008] |
| >30.00 - 120mm = ±0.3mm | [>1.181 - 4.725 = ±0.012] |

ANGLES = ±1°

MATERIAL

| ENGR.1 | ENGR.2 | DATE |
|---|---|---|
| STAR | BRANDON | 27-NOV-18 |

TITLE: 75 OHM HD BNC RA PLUG FOR BELDEN 4855R

SHEET NO. 2 OF 2 | SCALE: 5.0:1.0

Amphenol RF

| SIZE | DRAWING NO. | REV |
|---|---|---|
| B | 34-1118-12G | C |
| | ITEM NO. 34-1118-12G | |
| | PART NO. 34-1118-12G | |