

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

2. ELECTRICAL:

- A. IMPEDANCE: 75 OHM
- B. FREQUENCY RANGE: DC - 4 GHz
- C. RETURN LOSS: 30 dB MIN @ 3 GHz
- D. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS, MIN.
- E. INSULATION RESISTANCE: 10,000 M $\Omega$  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

5. PACKAGING:  
A. QUANTITY: SINGLE PACK  
B. MARKING: BAG TO BE MARKED:  
"AMPHENOL RF, 34-1037 DATE CODE"

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

7. CABLE ASSEMBLY INSTRUCTIONS:

- A. TRIM CABLE AS SHOWN.
- B. CRIMP CONTACT TO CABLE CENTER CONDUCTOR WITH .042" SQUARE DIE
- C. CRIMP FERRULE WITH .197" HEX.

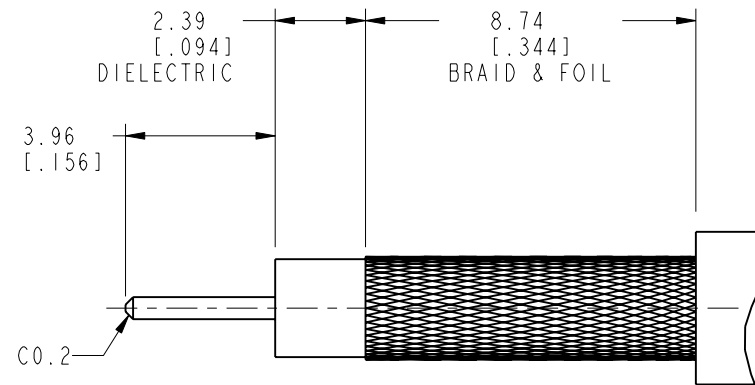
8. SHOWS CABLE ENTRY DIMENSIONS.

INTERFACE PER-  
349-50820  
SERIES:HD-BNC PLUG

THIRD ANGLE PROJ.

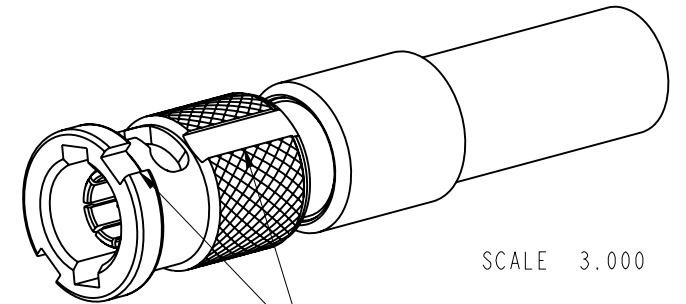
## REVISIONS

| REV | DESCRIPTION      | DATE      | ECO   | APPR |
|-----|------------------|-----------|-------|------|
| A   | RELEASE FOR MFG. | 21-Mar-11 | 48506 | TD   |

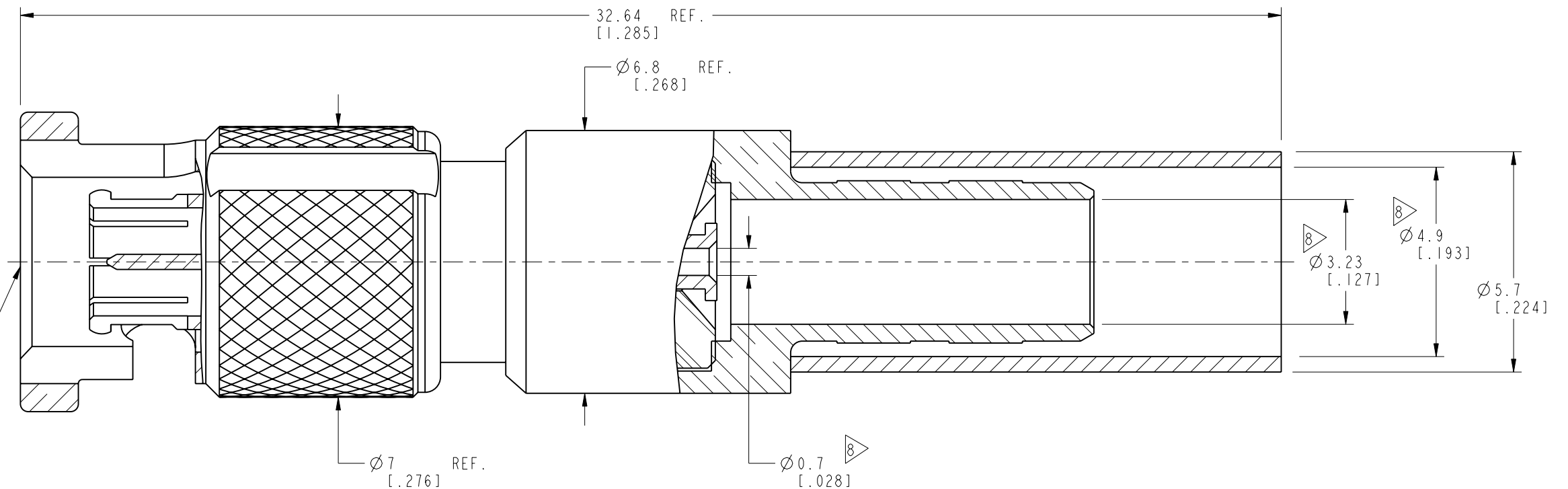


SCALE 5.000

## RECOMMENDED CABLE STRIPPING DIMENSIONS



—STUD LOCATING  
AND INSTALLATION/  
REMOVAL TOOL GROOVES



## 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<br><br>SEE NOTES<br><br><br>REFERENCE<br>EAR # 4296<br><br>CONFIGURATION LEVEL: Prototype<br><br>FINISH | DRAWN<br>T. DENG  | DATE<br>21-Mar-11  | TITLE<br>HD-BNC STR PLUG<br>FOR B1855 ENH/DRAKA<br>0.6/2.8 AF | Amphenol RF<br>Danbury CT USA, Tainan, Taiwan, Shenzhen, China<br>www.amphenolrf.com |  |
| ENGINEER<br>A ARUN PRABU                                                                                                                                                                              |                                                                                                                  | DATE<br>27-Sep-10 | DRAWING NO.34-1037 |                                                               |                                                                                      |  |
| APPROVED<br>S. HSIEH                                                                                                                                                                                  |                                                                                                                  | DATE<br>22-Mar-11 | SCALE: 7.6:1.0     |                                                               | SHEET 2 OF 2                                                                         |  |
| CAD FILE                                                                                                                                                                                              |                                                                                                                  | DWG SIZE<br>B     |                    | REV<br>A                                                      | ITEM NO.34-1037                                                                      |  |
|                                                                                                                                                                                                       |                                                                                                                  |                   |                    |                                                               | PART NO.34-1037                                                                      |  |