

NOTES:

1. MATERIALS AND FINISHES:
BODY, FERRULE AND BAYONET SLEEVE - BRASS, NICKEL PLATING
OUTER CONTACT - BeCu, NICKEL PLATING
CONTACT - PHOSPHOR BRONZE, GOLD PLATING
INSULATOR - PTFE, NAUTRAL
2. ELECTRICAL:
A. IMPEDANCE: 75 OHM
B. FREQUENCY RANGE: DC - 3 GHz
C. RETURN LOSS: 30 dB MIN @ 3 GHz
D. DIELECTRIC WITHSTANDING VOLTAGE: 1000 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
5. PACKAGING:
A. QUANTITY: SINGLE PACK
B. MARKING: BAG TO BE MARKED:
"AMPHENOL RF, 34-1017-300 DATE CODE
U.S. PATENT NO. 7,553,177"
6. HIGH DENSITY INSTALLATION/REMOVAL TOOL: 227-T2000-1694A.
7. CABLE ASSEMBLY INSTRUCTIONS:
A. TRIM CABLE AS SHOWN.
B. CRIMP CONTACT TO CABLE CENTER CONDUCTOR
WITH .042" SQUARE DIE
C. CRIMP FERRULE WITH .278" INCH HEX

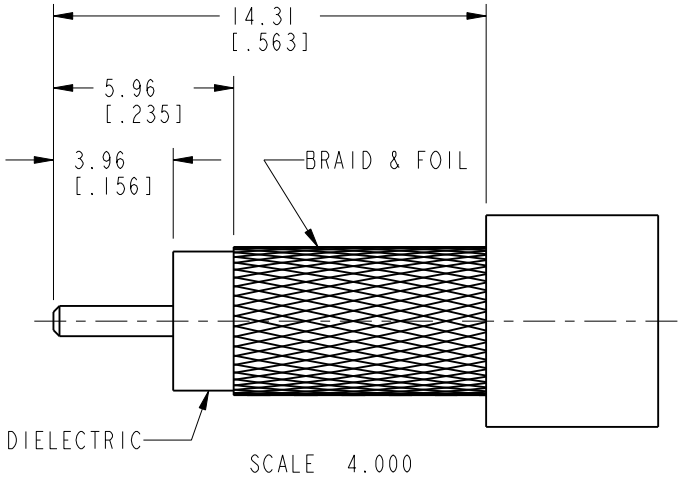
8> SHOWS CABLE ENTRY DIMENSIONS.

INTERFACE PER
349-50820
SERIES : HD-BNC PLUG

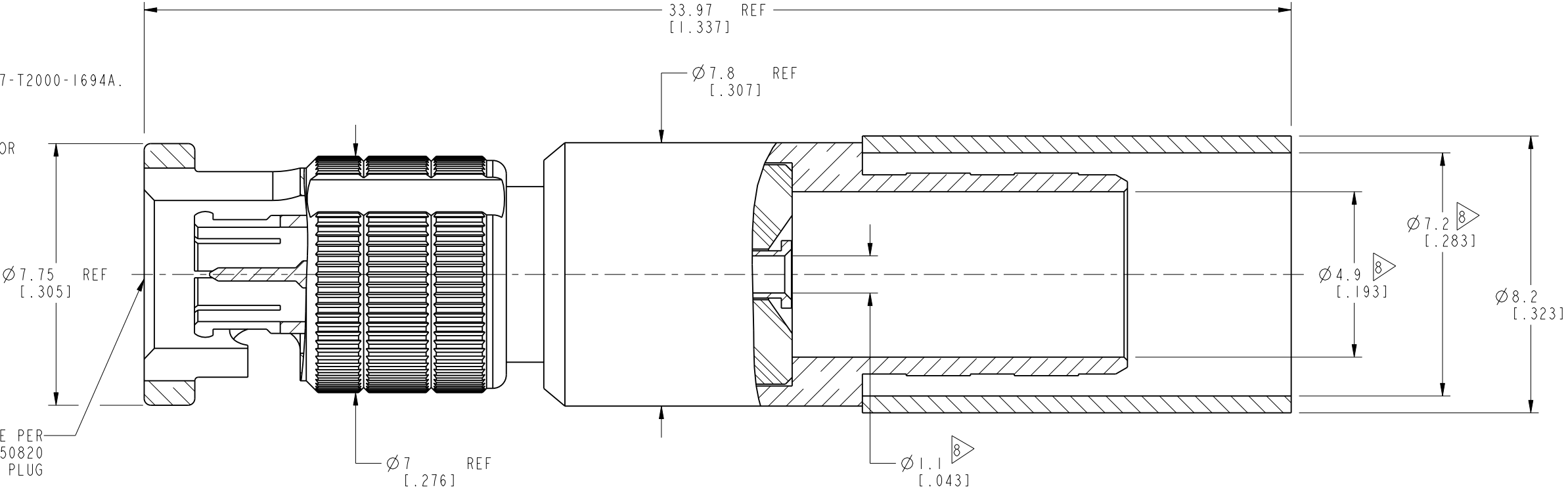
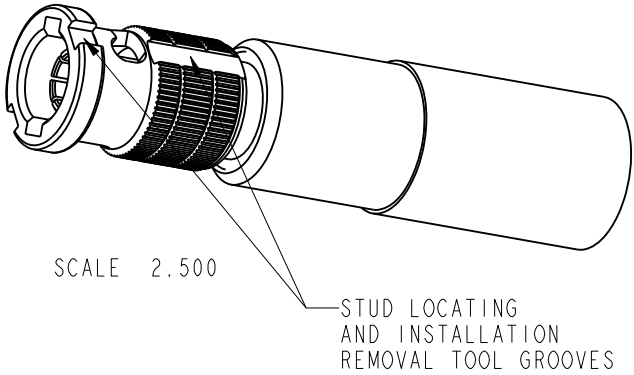
THIRD ANGLE PROJ.

REVISIONS

| REV | DESCRIPTION | DATE | ECO | APPR |
|-----|----------------------------|-----------|-------|------|
| A | RELEASED TO MFG | 02-Jun-10 | 48161 | TD |
| B | NOTE 5-B WAS CHANGED | 23-Feb-11 | 48437 | SH |
| C | COUPLING MECHANISM UPDATED | 20-Aug-12 | 49196 | SH |



RECOMMENDED CABLE
STRIPPING 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: <0.5mm ± 0.05mm 0.5 - 6mm ±0.1mm 6 - 30mm ±0.2mm 30 - 120mm ± 0.3mm ANGLES ±1° | MATERIAL | DRAWN T.DENG | DATE 20-Aug-12 | TITLE HD-BNC STR PLUG FOR 1694A 9.50 MM PITCH | Amphenol RF Danbury CT USA, Tainan, Taiwan, Shenzhen, China www.amphenolrf.com |
| | | ENGINEER A ARUN PRABU | DATE 10-Mar-10 | | |
| | REFERENCE EAR # 3897 | APPROVED S.HSIEH | DATE 20-Aug-12 | SCALE: 6.8:1.0 SHEET 2 OF 2 | DRAWING NO.34-1017-300 |
| | CONFIGURATION LEVEL: | CAD FILE | | DWG SIZE B | ITEM NO.34-1017-300 |
| FINISH | | | | REV C | PART NO.34-1017-300 |