

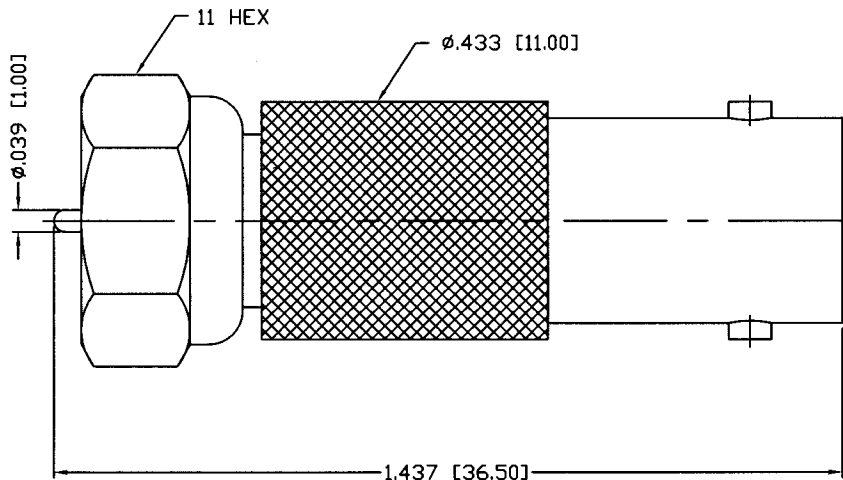
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ALL DIMENSIONS ARE REFERENCE ONLY

PART NO.

**RFB-1144**

| REV | DESCRIPTION         | DWN | DATE    | APPROVED |
|-----|---------------------|-----|---------|----------|
| -   | ENGINEERING RELEASE | CZS | 2/5/025 | JDMc     |
|     |                     |     |         |          |
|     |                     |     |         |          |



**SPECIFICATIONS:**

IMPEDANCE: 50 OHM  
 FREQUENCY RANGE: 0-1 GHz  
 WORKING VOLTAGE: 500 V rms @ sea level  
 TEMPERATURE RANGE: -65°C TO 165°C  
 INSULATION RESISTANCE: 5k M Ohms min.

|    |             |     |          |                    |           |      |
|----|-------------|-----|----------|--------------------|-----------|------|
| 1  | BODY        | 1   | BRASS    | NICKEL, 80 $\mu$ " | 008974    |      |
| 2  | SHELL       | 1   | BRASS    | NICKEL, 80 $\mu$ " |           |      |
| 3  | CONTACT     | 1   | BRASS    | GOLD, 30 $\mu$ "   |           |      |
| 4  | INSULATOR   | 1   | DELTRIN  | WHITE              |           |      |
| 5  | INSULATOR   | 1   | DELTRIN  | ---                |           |      |
| 6  |             |     |          |                    |           |      |
| 7  |             |     |          |                    |           |      |
| 8  |             |     |          |                    |           |      |
| 9  |             |     |          |                    |           |      |
| 10 |             |     |          |                    |           |      |
| 11 |             |     |          |                    |           |      |
| 12 |             |     |          |                    |           |      |
| 13 |             |     |          |                    |           |      |
| 14 |             |     |          |                    |           |      |
| #  | DESCRIPTION | QTY | MATERIAL | FINISH             | APPROVALS | DATE |

UNLESS OTHERWISE SPECIFIED:

- REMOVE ALL BURRS
- BREAK ALL CORNERS & EDGES .005 R. MAX.
- CHAMFER 1ST & LAST THREADS 45°
- SURFACE ROUGHNESS 63 FINISH MIL-STD-10
- DIAMETERS ON COMMON CENTERS TO BE CONCENTRIC WITHIN .002 T.I.R.
- ALL DIMENSIONS ARE AFTER PLATING.

DIMENSIONS ARE IN INCHES AND [MILLIMETERS]  
 UNLESS OTHERWISE NOTED TOLERANCES ARE:

| DECIMALS        | DIAMETER        |
|-----------------|-----------------|
| .xxx±.003 [.08] | .xxx±.001 [.03] |
| .xx±.005 [.13]  | .xx±.003 [.08]  |

RF

connectors

7610 MIRAMAR RD  
SAN DIEGO, CA 92126  
(858) 549-6340  
(858) 549-6345 FAX

DIVISION OF RF INDUSTRIES, LTD.

## F PLUG TO BNC JACK

ADAPTER

| SIZE | CABLE GROUP | DWG NO.  | REV |
|------|-------------|----------|-----|
| A    | N/A         | RFB-1144 | -   |

SCALE: NTS      CAD FILE: OUTLINE      SHEET 1 OF 1