



**Model: BT-1510-B { & BT-1510-BB }**

|                               |                                     |
|-------------------------------|-------------------------------------|
| Description:.....             | Bias Tee                            |
| Operating Frequency:.....     | 10 KHz – 1.5GHz                     |
| Insertion Loss:.....          | 1.0 dB Max                          |
| Isolation DC to RF:.....      | 30dB Min ; [20dB over 10-20 KHz]    |
| VSWR:.....                    | 1.35:1 Max ; [1.6:1 over 10-20 KHz] |
| Bias Voltage:.....            | 100 Volts Max                       |
| Bias Current:.....            | 400mA Max                           |
| Bias Frequency Bandwidth..... | DC-1 KHz                            |
| RF Power Handling:.....       | 20W CW/AVG                          |
| Bias DC Resistance:.....      | 4.0 Ohm Max                         |
| RF Connector:.....            | BNC (F)                             |
| RF+DC Connector:.....         | BNC (F)                             |
| Bias Connector:.....          | Standard                            |

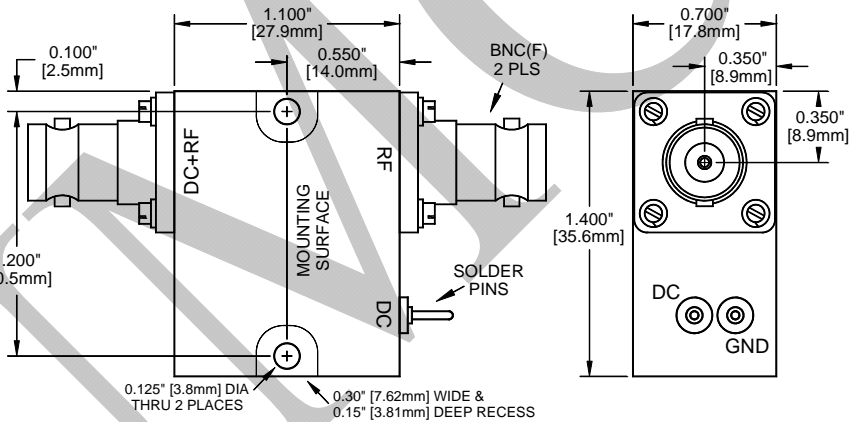
**{Add suffix "B" for Bias Connector with BNC(F) <> Model: BT-1510-BB }**

|                 |                       |
|-----------------|-----------------------|
| Impedance:..... | 50 Ohms Nominal       |
| Quality:.....   | Best-Commercial-Grade |

**Environmental Ratings:**

|                   |  |
|-------------------|--|
| Temperature:..... | {Operating: -55°C to +95°C} & {Storage: -60°C to +110°C}           |
| Humidity:.....    | MIL-STD-202F, Method 103B, Cond. B (96 hours at 95% R.H.)          |
| Shock:.....       | MIL-STD-202F, Method 213B, Cond. B (75G, 6mSec)                    |
| Vibration:.....   | MIL-STD-202F, Method 204D, Cond. B (.06" double amplitude, or 15G) |
| Altitude:.....    | MIL-STD-202F, Method 105C, Cond. B (50,000 Feet)                   |
| Temp. Shock:..... | MIL-STD-202F, Method 107D, Cond. A (5 cycles)                      |

**Model: BT-1510-B ; { DC-Port with Solder Pin }**



**Model: BT-1510-BB ; { Option "B"; DC-Port with BNC(f) }**

