



BEV104N 0.01 – 4 GHz Type N Bias Tee

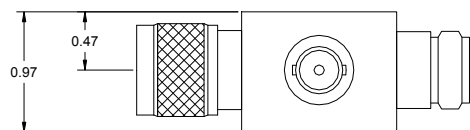
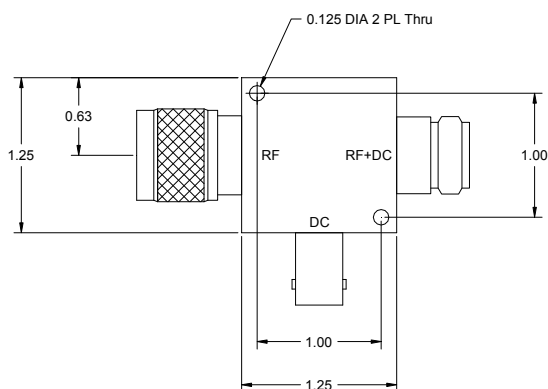
FEATURES

- ❖ High DC Voltage
- ❖ Low Insertion Loss
- ❖ Low VSWR
- ❖ Small Package



SPECIFICATIONS

| 0.01 – 4 GHz Type Bias Tee | |
|-----------------------------------|---|
| Model Number | BEV104N |
| Frequency Range | 0.01 – 4 GHz |
| DC Current | 3 A Max. |
| DC Voltage | 200 V |
| Insertion Loss | 0.6 dB Typ., 0.8 dB Max. |
| RF Port VSWR | 1.20:1 Typ., 1.30:1 Max. |
| RF+DC Port VSWR | 1.20:1 Typ., 1.30:1 Max. |
| RF to DC Isolation | 34 dB Typ., 30 dB Min. |
| RF Power Handling | 10 Watt CW Min. |
| Impedance | 50Ω Nom. |
| Connector Type | RF: N Male, RF+DC: N Female, DC: BNC Female |



Design to meet the following environmental ratings:
(verification optional)

1. Operating Temp: -55°C to +85°C
2. Storage Temp: -65°C to +125°C
3. Shock: MIL-STD-202F, M213, Cond B
4. Altitude: MIL-STD-202F, M105, Cond B
5. Vibration: MIL-STD-202F, M204, Cond B
6. Thermal Shock: MIL-STD-202F, M107, Cond A
7. Temp. Cycle: MIL-STD-202F, M105C, Cond D
8. Humidity: MIL-STD-202F, M103, Cond B
(Optional with Hysol seal)

Standard Finishing: Rugged Aluminum Housing.
Optional finishing with blue epoxy paint per MIL-C-22750 available on request.

Note:

1. Solder post at DC port available on request.
2. Standard connector is SMA female for all ports
3. Power handling is tested at 2 GHz