



B2K540B 5 KHz – 40 GHz 200 mA Bias Tee

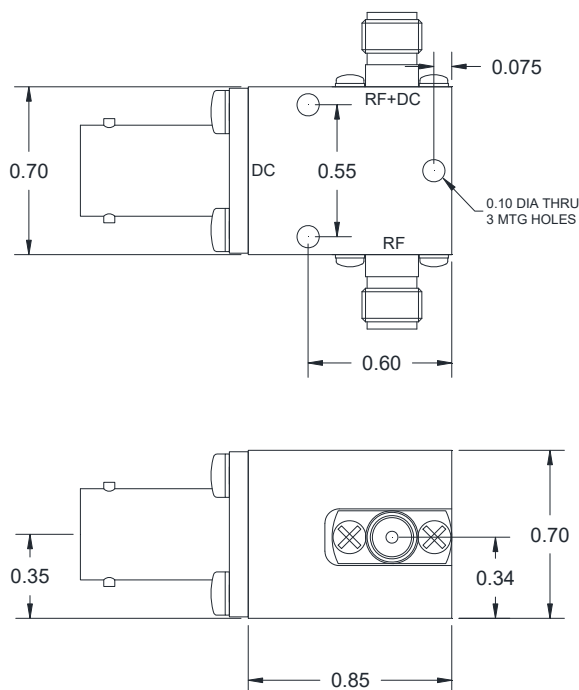
FEATURES

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



SPECIFICATIONS

5 KHz – 40 GHz 200 mA Bias Tee	
Model Number	B2K540B
Frequency Range	5 KHz – 40 GHz
DC Current	200 mA Max.
DC Voltage	50 V
Insertion Loss	2.0 dB Typ., 2.5 dB Max.
RF Port VSWR	1.50:1 Typ., 1.70:1 Max.
RF+DC Port VSWR	1.50:1 Typ., 1.70:1 Max.
RF to DC Isolation	35 dB Typ., 28 dB Min.
RF Power Handling	2 Watt CW Max.
Impedance	50Ω Nom.
Standard Connector Type	RF & RF+DC: 2.92 mm 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. Other connector combination available on request
3. Power handling is tested at 2 GHz under the condition that the unit is mounted with excellent heat sink
4. For the DC port with SMA connector, please use our model number B2K140, which has the overall small size.