Clear Microwave
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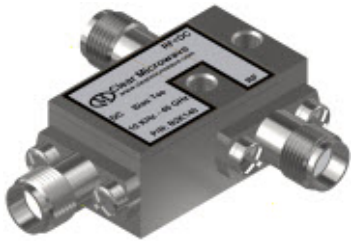
Bias Tee

B2K540 5 KHz – 40 GHz 200 mA Bias Tee

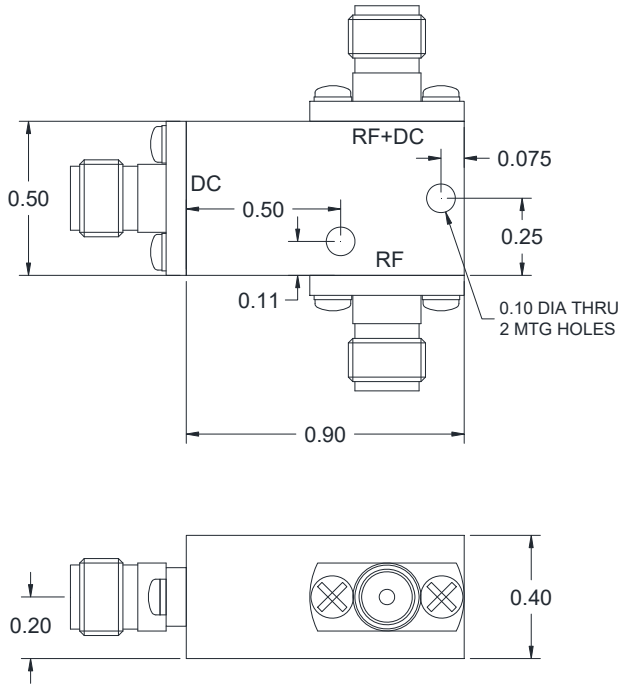
FEATURES

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



SPECIFICATIONS

5 KHz – 40 GHz 200 mA Bias Tee	
Model Number	B2K540
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: SMA 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 BNC connector, please use our model number B2K140B.