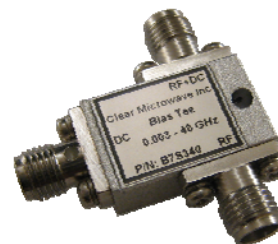




B7S322 0.003 – 22 GHz Bias Tee

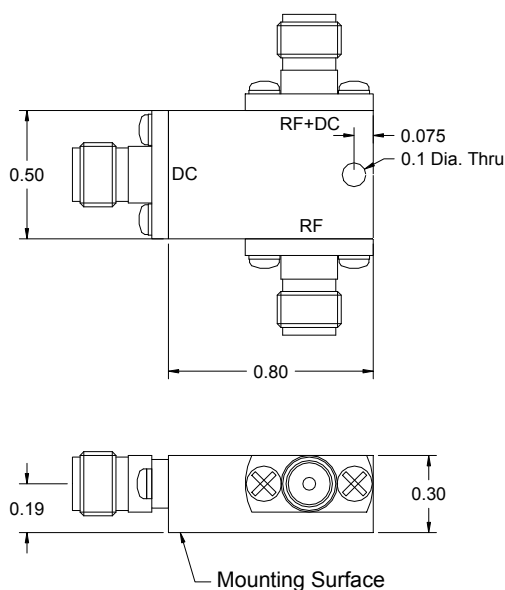
FEATURES

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



SPECIFICATIONS

0.003 – 22 GHz Bias Tee	
Model Number	B7S322
Frequency Range	0.003 – 22 GHz
DC Current	700 mA Max.
DC Voltage	200 V
Insertion Loss	1.2 dB Typ., 1.4 dB Max.
RF Port VSWR	1.25:1 Typ., 1.35:1 Max.
RF+DC Port VSWR	1.40:1 Typ., 1.50:1 Max.
RF to DC Isolation	32 dB Typ., 28 dB Min.
RF Power Handling	5 Watt CW Max.
Impedance	50Ω Nom.
Connector Type	SMA (other connector available on request)



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 2.92 mm female for all ports
3. Other connector combination available on request
4. Power handling is tested at 2 GHz