



### BGV308 0.03 – 8 GHz Bias Tee

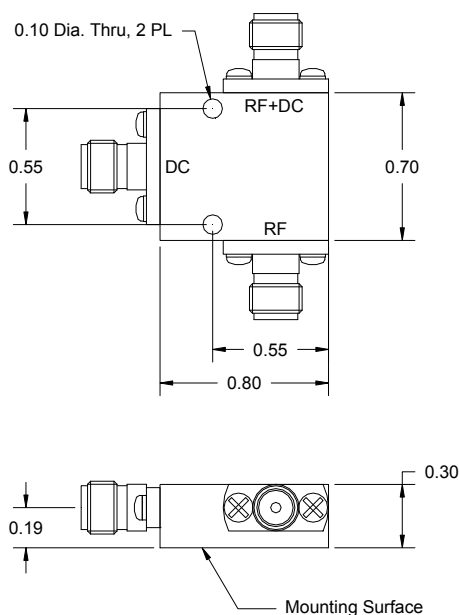
#### FEATURES

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

#### SPECIFICATIONS



<b>0.03 – 8 GHz Bias Tee</b>	
Model Number	BGV308
Frequency Range	0.03 – 8 GHz
DC Current	4 A Max.
DC Voltage	200 V
Insertion Loss	1.1 dB Typ., 1.3 dB Max.
RF Port VSWR	1.35:1 Typ., 1.45:1 Max.
RF+DC Port VSWR	1.25:1 Typ., 1.40:1 Max.
RF to DC Isolation	29 dB Typ., 26 dB Min.
RF Power Handling	10 Watt CW Min.
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 SMA female for all ports
3. Other connector combination available on request
4. Power handling is tested at 2 GHz