



## BGV203N 0.02 – 3 GHz Type N Bias Tee

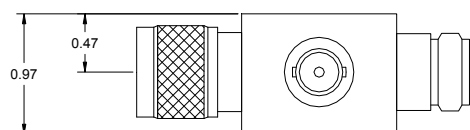
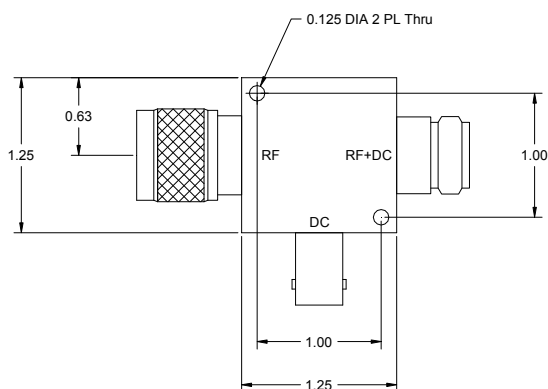
### FEATURES

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



### SPECIFICATIONS

0.02 – 3 GHz Type Bias Tee	
Model Number	BGV203N
Frequency Range	0.02 – 3 GHz
DC Current	4 A Max.
DC Voltage	200 V
Insertion Loss	0.7 dB Typ., 0.9 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	37 dB Typ., 33 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