



**Model: BT-5000-MS**

Description:.....	Bias Tee
Operating Frequency:.....	10 MHz – 5.0 GHz
Insertion Loss: .....	0.7 dB Max
Isolation DC to RF: .....	40dB Min
VSWR: .....	1.3:1 Max
RF Power:.....	5W CW/AVG
Bias Voltage:.....	50 Volts Max
Bias Current:.....	500 mA Max
Bias DC Resistance:.....	1.0 Ohms
Bias Frequency Bandwidth:.....	DC-3Mhz
RF Connector: .....	SMA (f)
RF+DC Connector: .....	SMA (f)
Bias Connector: .....	Solder Pin
Impedance: .....	50 Ohms Nominal
Quality:.....	Best-Commercial-Grade

**Environmental Ratings:**

Temperature:.....	{Operating: -55°C to +95°C} & {Storage: -60°C to +110°C}
Humidity: .....	MIL-STD-202F, Method 103B Cond. B (96 hours at 95% R.H.)
Shock: .....	MIL-STD-202F, Method 213B, Cond. B (75G, 6mSec)
Vibration: .....	MIL-STD-202F, Method 204D, Cond. B (.06" double amplitude, or 15G)
Altitude: .....	MIL-STD-202F, Method 105C, Cond. B (50,000 Feet)
Temp. Shock: .....	MIL-STD-202F, Method 107D, Cond. A (5 cycles)

**Outline**

