

Model: TLBT-10M18G-100-SP
**Broadband Bias Tee
 SMA, 10MHz-18GHz, 100VDC.**
Feature:

- Ultra Wide Band: 10MHz-18GHz
- Low Insertion Loss
- High Voltage
- High Current Capacity

Electrical Specifications:

Parameter	Min	Typ	Max	Units
Frequency range	10MHz-18GHz			
Insertion Loss		1.2	2.0	dB
Return Loss		-15	-12	dB
Isolation		30		dB
DC Voltage			100	V DC
DC Current*			600	mA
RF Power			10	W

Mechanical Specifications:

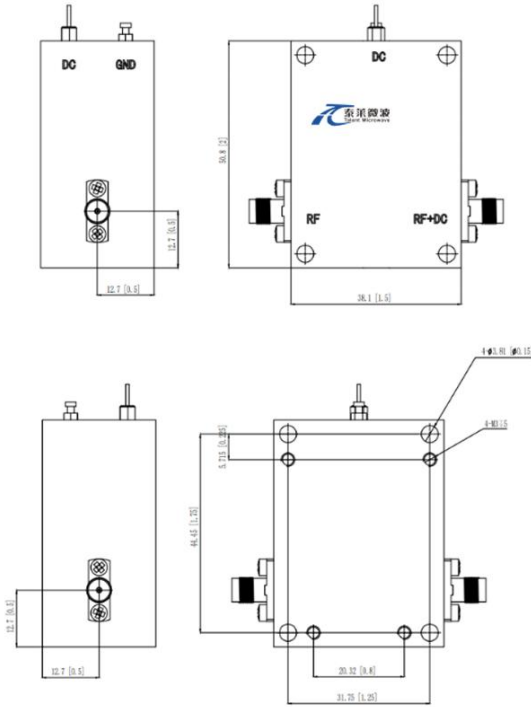
Parameter	Value	Units
Input /Output Connector	SMA Female/SMA Female	
DC Connector	Solder Pin	
Case Material	Aluminum	
Finish	Blue Paint	
Size	38.1*50*8*25.4	mm
Weight	/	g

Absolute Maximum Ratings:

Parameter	Value
Supply Bias Voltage	+100 V
RF Input Power	40 dBm
ESD sensitivity (HBm)	Class 0, passed 150V

Outline Drawing:

Unit: mm



Environmental Conditions:

Parameter	Min	Typ	Max	Units
Operating Temperature	-45		+85	°C
Non-operating Temperature	-55		+125	°C
Relative humidity		95		%
Altitude	50,000			feet
Shock / Vibration(MIL-STD-810F)	25g rms (15 degree 2KHz) endurance, 1 hour per axis			
Shock(non operating)	20G for 11msc half sin wave,3 axis both directions			

Ordering Information:

Part Number	Description	Revision
TLBT-10M18G-100-SP	Broadband Bias Tee SMA,10MHz-18GHz,+100V	Rev.1.1

Notes:

1. All data taken @ +23° C unless otherwise specified.
2. Dimensions and specifications may be changed without prior notice.