

## FEATURES:

- 25 MHz ~ 4.0 GHz;
- 0.6 dB Insertion Loss;
- 5.0 Amp DC Current;
- 20 Watts RF CW Power;
- 32 Volt DC Rating;
- RoHS Compliant.

## APPLICATIONS:

- SW;
- VHF, UHF;
- Cellular;
- PCS, 3G;
- L, S, & C Band.



# LBST00204000A, 25 MHz ~ 4.0 GHz WIDE BAND 5.0 AMP BIAS-T

## ELECTRICAL SPECIFICATIONS @ 21 °C

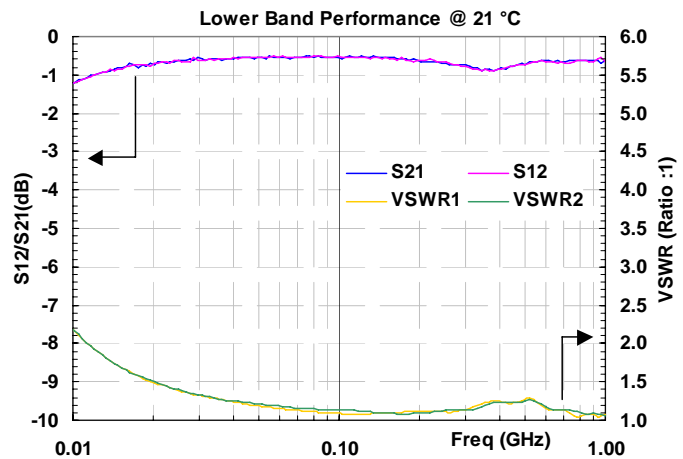
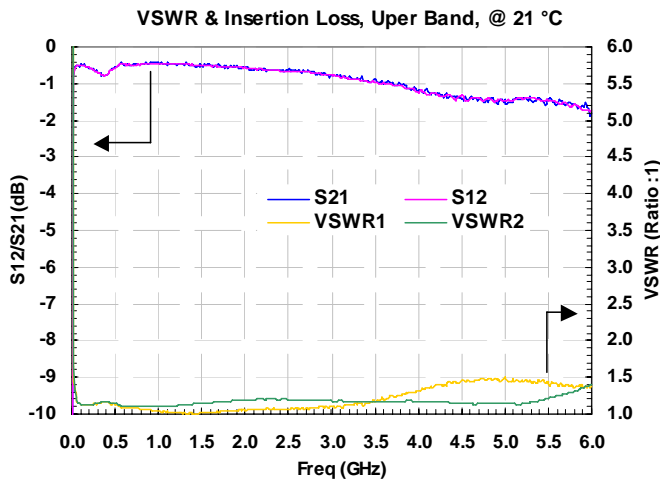
Symbol	Parameters/Conditions	Unit	Min	Typical	Max
f	Passband	MHz	25		4000
IL	Insertion Loss	dB		0.60	1.5
I <sub>dc</sub>	DC Current Handling	A			5.0
V <sub>dc</sub>	DC Voltage Handling	V			32
P <sub>o</sub>	RF CW Power Handling	W			20
VSWR <sub>i</sub>	Input/Output VSWR	Ratio		1.35:1	1.5:1
Z <sub>0</sub>	Impedance	Ohm		50	

## ABSOLUTE MAXIMUM RATINGS<sup>1</sup>

Parameters/Conditions	Unit	Maximum
Channel Temperature	°C	+150
DC Supply Voltage	V	32
DC Current	A	5.0
RF CW Power	W	20
Operating Temperature	°C	-40 ~ +85
Storage Temperature	°C	-65 ~ +125

[1] Operation beyond these limits may cause permanent damage.

## ELECTRICAL PERFORMANCE/MECHANICAL OUTLINE



**Heat Sink Required  
For CW High Power  
Application!**

## ORDERING INFORMATION: LBST00204000A

Unit: INCH Base Material: Aluminium Alloy 6061  
[mm] Finish: RoHS Compliant Conductive Platin  
Tolerance: X.XXX ±0.005"  
X.XX ±0.01"

