



LT5002 0.5 – 2 GHz Limiter

FEATURES

- ❖ Low Insertion Loss
- ❖ 0.2" Low-profile Package Available
- ❖ Mounting Hole Option
- ❖ Custom Designs Available

SPECIFICATIONS

0.5 – 2 GHz Limiter	
Model Number	LT5002
Frequency Range	0.5 – 2 GHz
Peak Input Power	100 W Max.
CW Input Power	2 W Max.
Peak Flat Leakage	20 dBm Max.
CW Flat Leakage	18 dBm Max.
Insertion Loss	0.4 dB Max.
VSWR	1.40:1 Max.
Impedance	50Ω Nom.
Connector Type	SMA Female
Operating Temperature	-55 °C To +125 °C

Notes

1. CW Leakage is measured at 1W input
2. Other connector type available
3. Power handling is linearly derated from full power at 25 °C to zero at +150 °C

