



Limiters - PE80L1001

Weapon systems

Features

- High Speed 5 Watt CW Limit
- 2 GHz to 8 GHz Frequency Range
- Peak Power 5 Watts CW

Applications

- Electronic Warfare
- Test & Measurement
- Military & Space
- Military Communication Systems
- Stabilizing generator outputs

- Insertion Loss 1.0 dB Typ
- Leakage Power +13 dBm Max
- High Power Handling
- Reducing amplitude variations
- Protects low noise amplifiers and other devices from ESD or input power damage
 Receiver Protection
 - input

Description

The PE80L1001 is a High Power Limiter that operates from 2 GHz to 8 GHz. The Limiter handles 5 W CW Power and operates from -55 Deg C to + 85 Deg C.

Electrical Specifications

2		8	GHz
	1		dB
		2:1	
		+13	dBm
		40	ns
		5	Watt
le		100	Watt
	le	le	+13 40 5

Electrical Specification Notes: Values at 25°C, sea level.

Mechanical Specifications

Size	
Length	1 in [
Width	1 in [
Height	0.4 ir

Configuration

Style Connector 1 Connector 2 1 in [25.4 mm] 1 in [25.4 mm] 0.4 in [10.16 mm]

High Power Limiter SMA Female SMA Female

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA High Power Limiter, 100 Watts Peak Power, 40 ns Recovery, 13 dBm Flat Leakage, 2 GHz to 8 GHz PE80L1001

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Environmental Specifications Temperature

Operating Range Storage Range

Humidity Shock Vibration Altitude Temperature Cycle Fungus Salt Fog ESD Sensitivity -55 to +85 deg C -65 to +125 deg C

MIL-STD-202F, METHOD 103B COND. B MIL-STD-202F, METHOD 213B COND. B MIL-STD-202F, METHOD 204D COND. B MIL-STD-202F, METHOD 105C COND, B MIL-STD-202F, METHOD 107D COND, A MIL-STD-810F, METHOD 508.5 MIL-STD-202F, METHOD 101D+EST Cond.B Transport material in Approved ESD bags. Handle only in approved ESD Workstation.



Compliance Certifications (visit www.Pasternack.com for current document) Not RoHS Compliant

Plotted and Other Data

Notes:

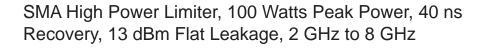
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ISO 9001 : 2008 Registered

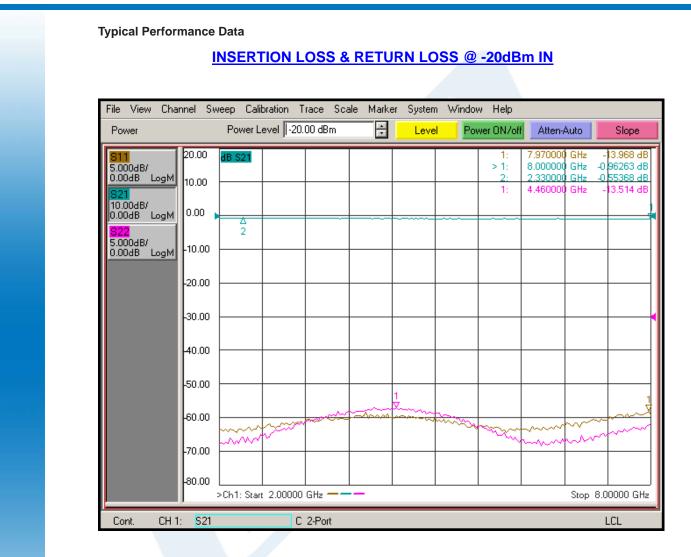
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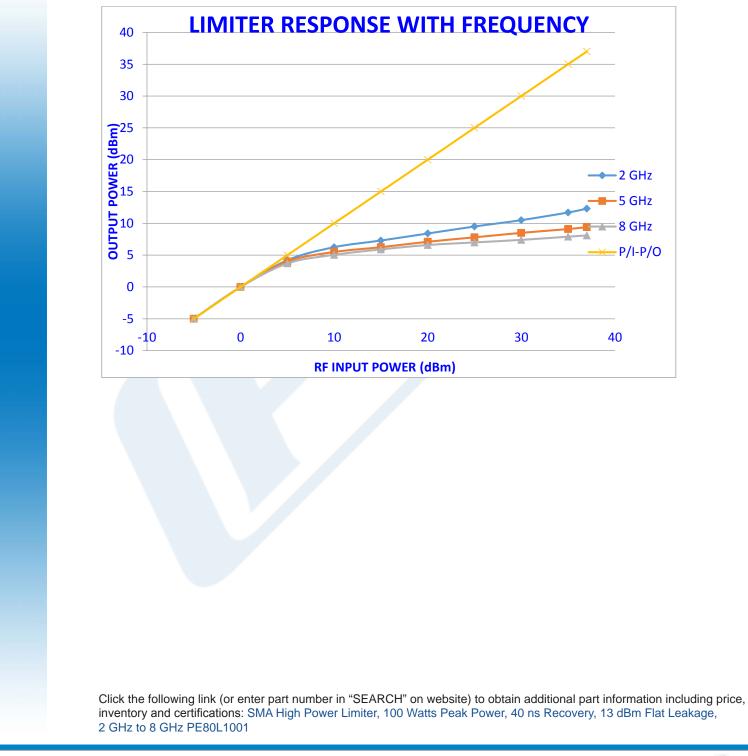
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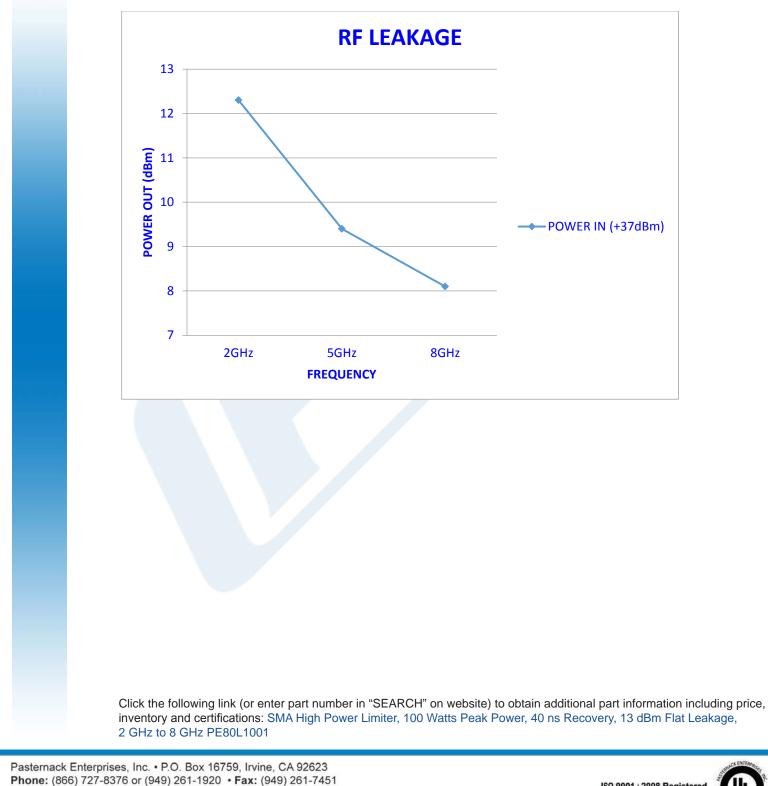
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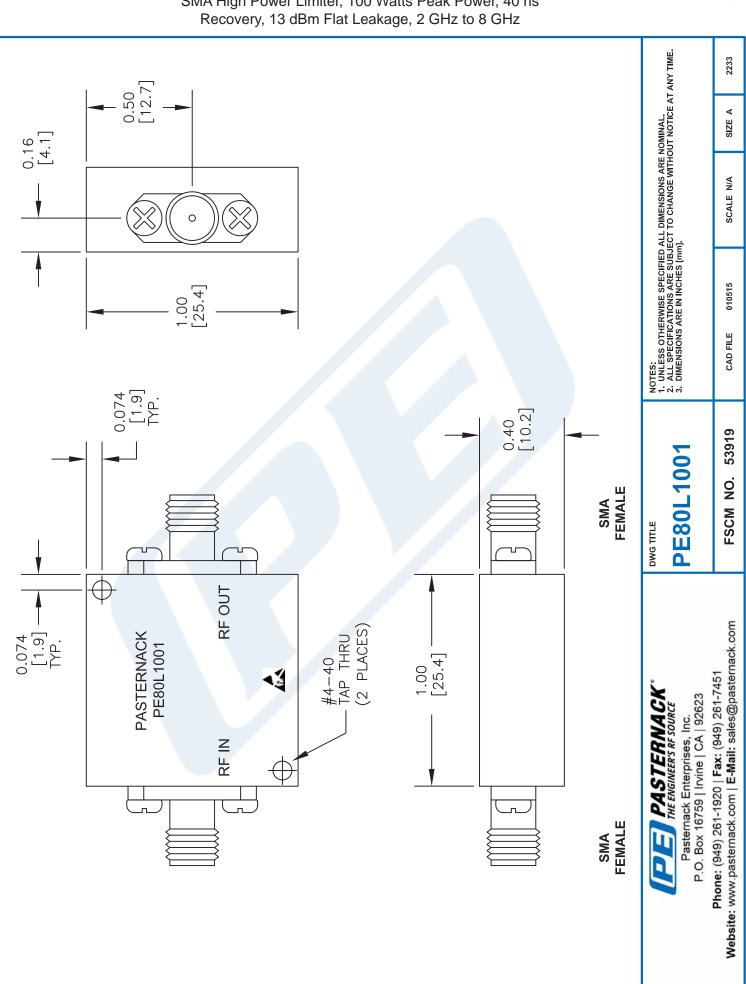
SMA High Power Limiter, 100 Watts Peak Power, 40 ns Recovery, 13 dBm Flat Leakage, 2 GHz to 8 GHz from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

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URL: http://www.pasternack.com/sma-limiter-high-power-40-ns-0-dbm-8-ghz-pe80l1001-p.aspx

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SMA High Power Limiter, 100 Watts Peak Power, 40 ns

PE80L1001 CAD Drawing

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