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Biased Detector With 50 Ohm SMA Male to SMA Female Video Out Operating From 500 MHz to 1,000 MHz



TECHNICAL DATA SHEET PE8001

Biased Detector With 50 Ohm SMA Male to SMA Female Video Out Operating From 500 MHz to 1,000 MHz

Configuration

Bias Type	Biased
Detector Polarity	Negative
Body Style	Straight
RF Input Connector	SMA Male
RF Input Impedance	50 Ohms
Video Output Connector	SMA Female

Electrical Specifications

Frequency Range, MHz	500 to 1,000
Voltage Sensitivity, mV/mW	1,800
Tangential Signal Sensitivity	-54
Flatness, dB	0.5
Maximum Input Power, Watts	23
Video Capacitance, pF	100

Mechanical Specifications

Temperature

Operating Range,deg C	-55 to +125
Storage Range, deg C	-65 to +150

RF Input

Type	SMA Male
Hex Size, Inch	5/16

Video Output

Type	SMA Female

Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant	Yes

Plotted and Other Data

Notes:	Values at 25 °C, sea level

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: Biased Detector With 50 Ohm SMA Male to SMA Female Video Out Operating From 500 MHz to 1,000 MHz PE8001

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal.

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
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Biased Detector With 50 Ohm SMA Male to SMA Female Video Out Operating From 500 MHz to 1,000 MHz from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: Biased Detector With 50 Ohm SMA Male to SMA Female Video Out Operating From 500 MHz to 1,000 MHz PE8001

URL: http://www.pasternack.com/negative-biased-schottky-diode-detector-05-10-ghz-pe8001-p.aspx

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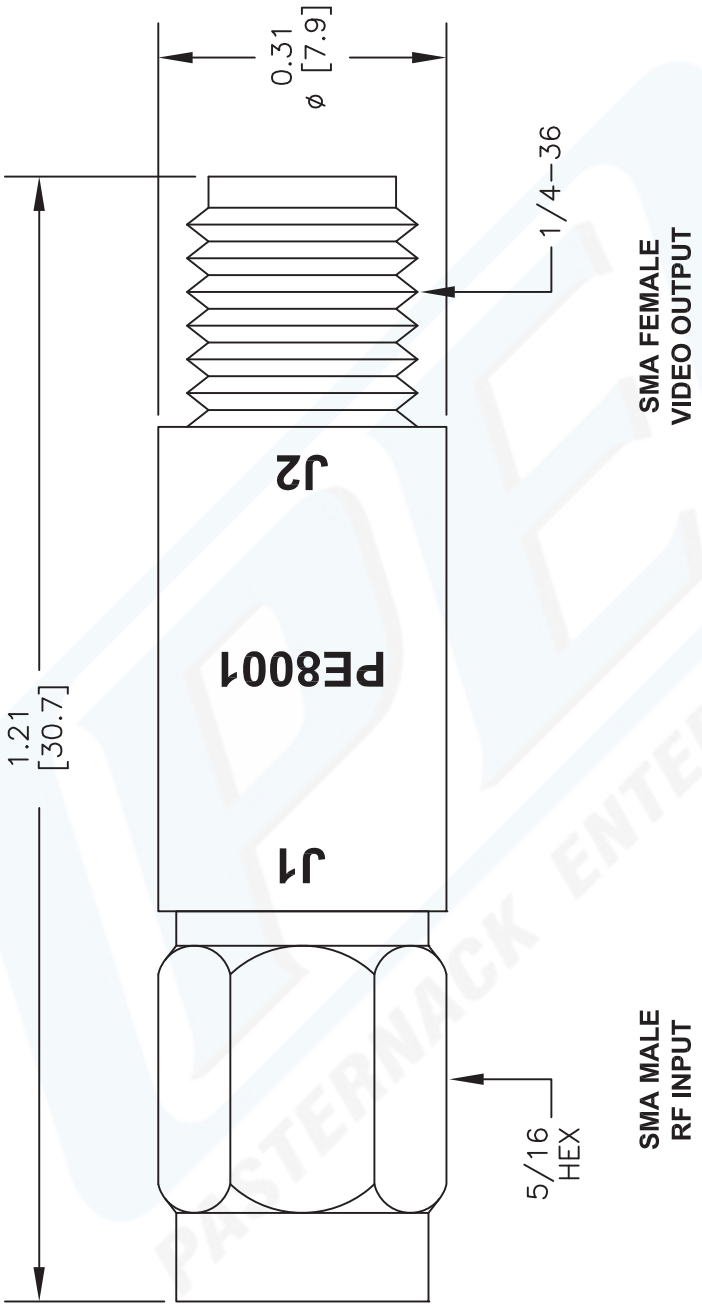
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PE8001 CAD Drawing

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NOTES:
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
3. DIMENSIONS ARE IN INCHES [mm].

CAD FILE	020413	SCALE N/A	SIZE A	2233

DWG TITLE **PE8001**

FSCM NO. 53919

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