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Zero Biased Detector With 50 Ohm SMA Male to SMA Female Video Out Operating From 10 MHz to 12.4 GHz

TECHNICAL DATA SHEET PE8012P

Zero Biased Detector With 50 Ohm SMA Male to SMA Female Video Out Operating From 10 MHz to 12.4 GHz

Configuration

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

Electrical Specifications

Frequency Range, GHz	0.01 to 12.4
Voltage Sensitivity, mV/mW	500
Maximum VSWR	1.4:1
Flatness, dB	± 0.3
Maximum Input Power, dBm	23
Video Capacitance, pF	470

Mechanical Specifications

Temperature

Operating Range,deg C	-55 to +125

Size

Length, in [mm]	1.21 [30.73]
Width/Dia., in [mm]	0.31 [7.87]

RF Input

Type	SMA Male
Hex Size, Inch	5/16
Torque, in-lbs [Nm]	8 [0.9]

Video Output

Type	SMA Female

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: Zero Biased Detector With 50 Ohm SMA Male to SMA Female Video Out Operating From 10 MHz to 12.4 GHz PE8012P

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

Plotted and Other Data

Notes: Values at 25 °C, sea level

Zero Biased Detector With 50 Ohm SMA Male to SMA Female Video Out Operating From 10 MHz to 12.4 GHz 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.

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URL: http://www.pasternack.com/50-ohm-sma-zero-biased-detector-10-mhz-12.4-ghz-pe8012p-p.aspx

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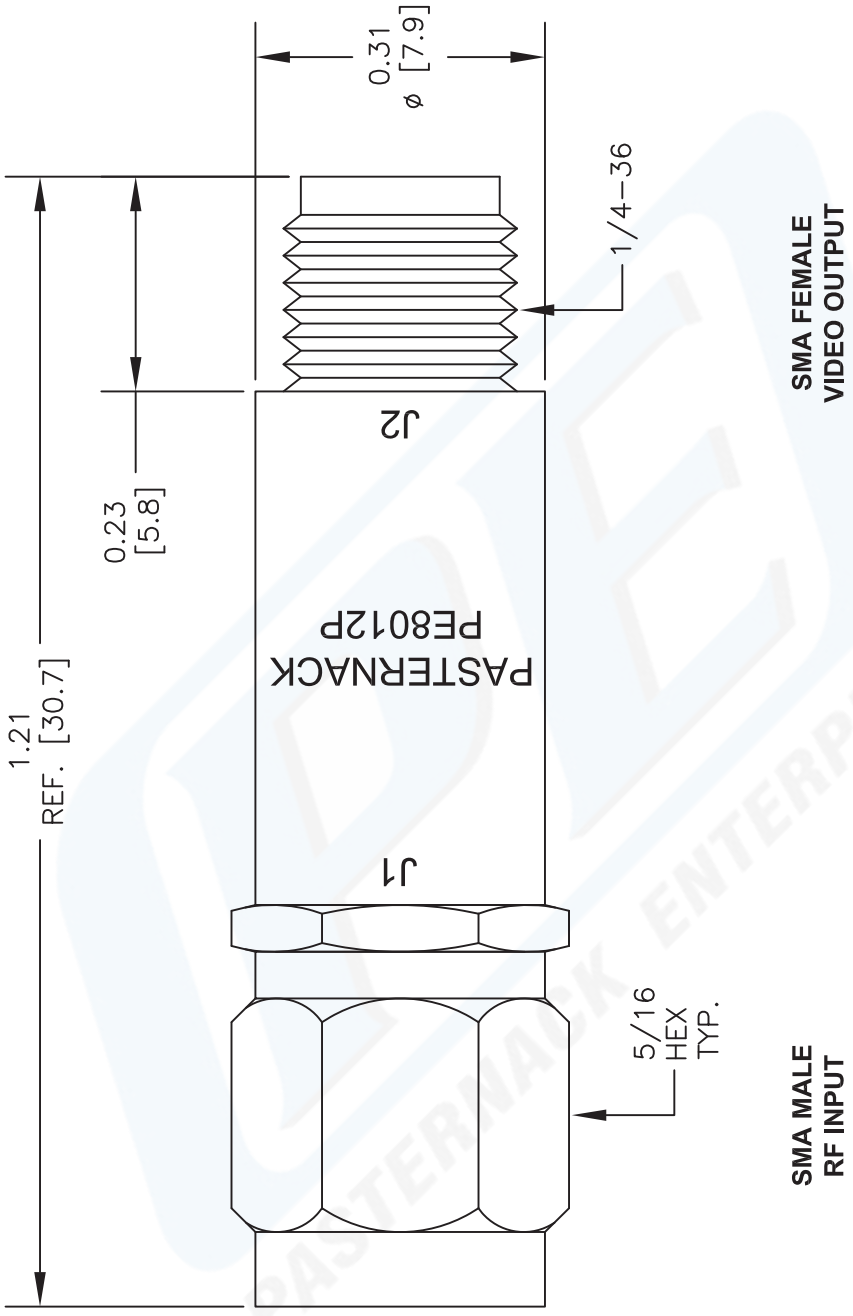
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PE8012P CAD Drawing

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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	100913	SCALE N/A	SIZE A	2233

DWG TITLE **PE8012P**

FSCM NO. 53919

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