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PASTERNACK®
THE ENGINEER'S RF SOURCE



5 Section Lowpass Filter With SMA Female Connectors Operating From DC to 1,000 MHz With a 1000 MHz Passband

TECHNICAL DATA SHEET PE8720

Configuration

Design	Low Pass Filter
Connector 1	SMA Female
Connector 2	SMA Female
Passband Frequency Range, MHz	DC to 1,000

Electrical Specifications

Passband Minimum Frequency, KHz	0
Passband Maximum Frequency, MHz	1000
Useable Frequency Range, MHz	DC to 1,000
Impedance, Ohms	50
Maximum Insertion Loss, dB	1
Passband Maximum VSWR	1.5:1
Maximum Input Power, Watts	10
Rejection at 1.5 GHz	40 dB
Rejection at 2 GHz	60 dB

Mechanical Specifications

Size

Length, in [mm]	1.1 [27.94]
Width, in [mm]	0.75 [19.05]
Height, in [mm]	0.65 [16.51]

Connector 1

Type	SMA Female

Connector 2

Type	SMA Female

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

RoHS Compliant	Yes
REACH Compliant	06/18/2012

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: 5 Section Lowpass Filter With SMA Female Connectors Operating From DC to 1,000 MHz With a 1000 MHz Passband PE8720

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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5 Section Lowpass Filter With SMA Female Connectors Operating From DC to 1,000 MHz With a 1000 MHz Passband

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Plotted and Other Data

Notes: Values at 25 °C, sea level

5 Section Lowpass Filter With SMA Female Connectors Operating From DC to 1,000 MHz With a 1000 MHz Passband 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: 5 Section Lowpass Filter With SMA Female Connectors Operating From DC to 1,000 MHz With a 1000 MHz Passband PE8720

URL: http://www.pasternack.com/5-section-low-pass-filter-0-mhz-1000-mhz-passband-1000-mhz-pe8720-p.aspx

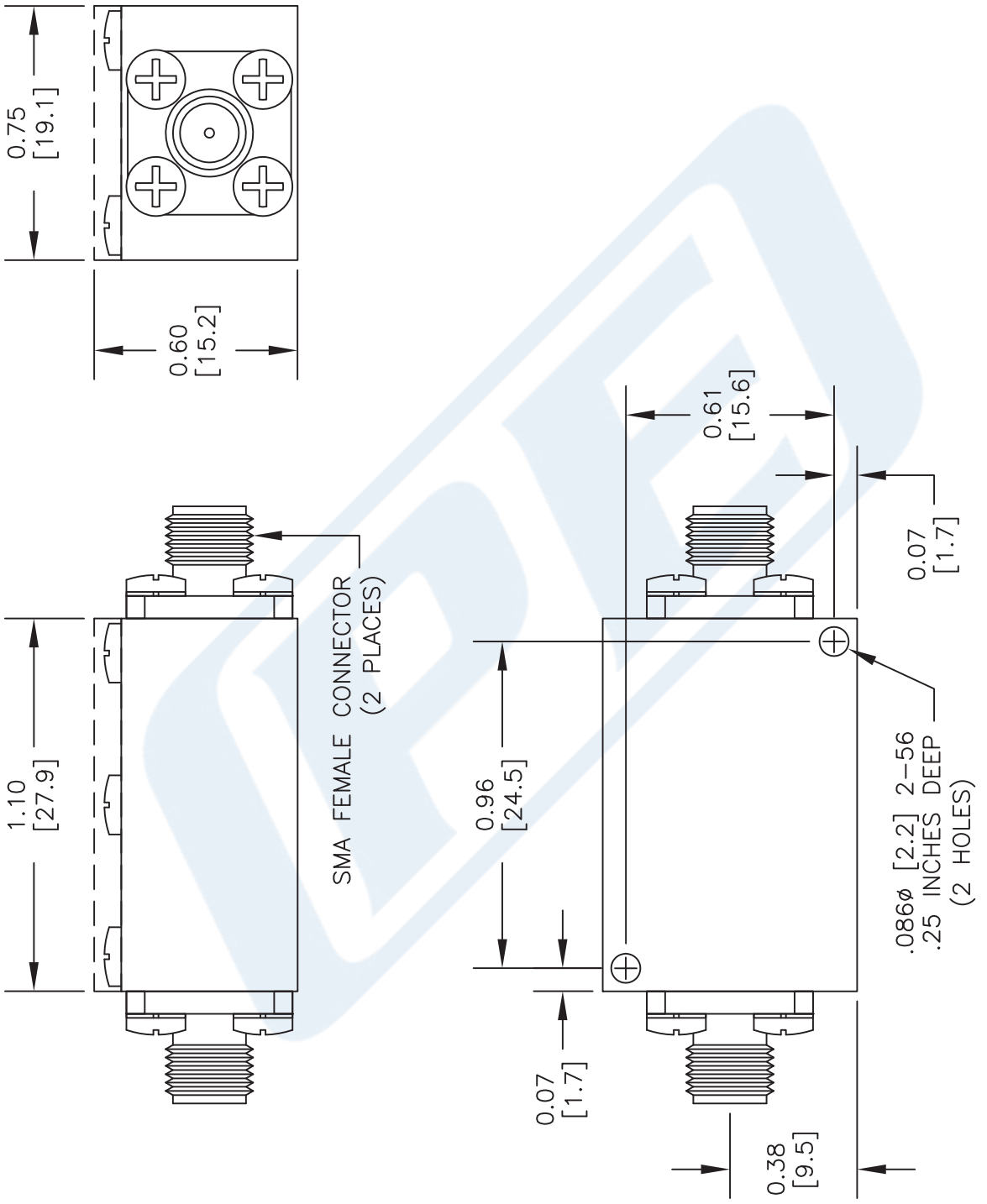
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PE8720 CAD Drawing

5 Section Lowpass Filter With SMA Female Connectors Operating
From DC to 1,000 MHz With a 1000 MHz Passband



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].

DWG TITLE **PE8720**

REV.	FSCM NO.	CAD FILE	SCALE	SIZE	
-	53919	042712	N/A	A	2233

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