



5 Section Lowpass Filter With SMA Female Connectors
Operating From DC to 30 MHz With a 30 MHz Passband

TECHNICAL DATA SHEET

PE8723

Configuration

Design	Low Pass Filter
Connector 1	SMA Female
Connector 2	SMA Female
Passband Frequency Range, MHz	DC to 30

Electrical Specifications

Passband Minimum Frequency, KHz	0
Passband Maximum Frequency, MHz	30
Useable Frequency Range, MHz	DC to 30
Impedance, Ohms	50
Maximum Insertion Loss, dB	1
Passband Maximum VSWR	1.5:1
Maximum Input Power, Watts	5
Rejection at 45 MHz	40 dB
Rejection at 60 MHz	60 dB

Mechanical Specifications

Size

Length, in [mm]	1.7 [43.18]
Width, in [mm]	0.75 [19.05]
Height, in [mm]	0.65 [16.51]

Connector 1

Type	SMA Female
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Connector 2

Type	SMA Female
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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 30 MHz With a 30 MHz Passband PE8723](#)

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.



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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 30 MHz With a 30 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.

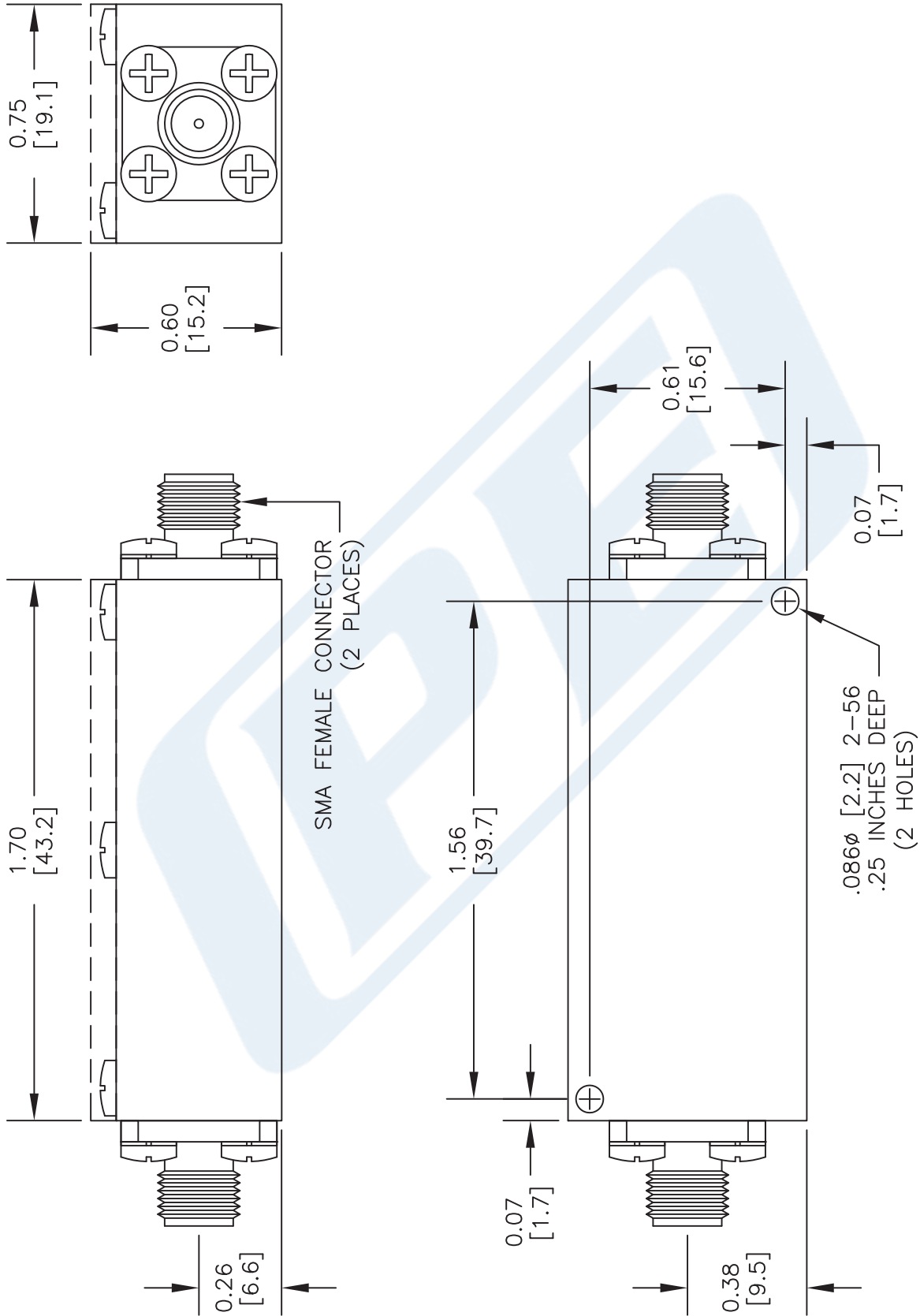
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URL: <http://www.pasternack.com/5-section-low-pass-filter-0-mhz-30-mhz-passband-30-mhz-pe8723-p.aspx>

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PE8723 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].

DWG TITLE

PE8723

PASTERNAK ENTERPRISES, INC.

P.O. BOX 16759, IRVINE, CA 92623
 PHONE (949) 261-1920 FAX (949) 261-7451

WEB ADDRESS: www.pasternack.com
 E-MAIL ADDRESS: sales@pasternack.com

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FSCM NO. 53919

CAD FILE 042712

SCALE N/A

SIZE A

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