



5 Section Lowpass Filter With SMA Female Connectors  
Operating From DC to 100 MHz With a 100 MHz Passband

TECHNICAL DATA SHEET

PE8719

**Configuration**

Design	Low Pass Filter
Connector 1	SMA Female
Connector 2	SMA Female
Passband Frequency Range, MHz	DC to 100

**Electrical Specifications**

Passband Minimum Frequency, KHz	0
Passband Maximum Frequency, MHz	100
Useable Frequency Range, MHz	DC to 100
Impedance, Ohms	50
Maximum Insertion Loss, dB	1
Passband Maximum VSWR	1.5:1
Maximum Input Power, Watts	5
Rejection at 150 MHz	40 dB
Rejection at 200 MHz	60 dB

**Mechanical Specifications**

**Size**

Length, in [mm]	1.7 [43.18]
Width, in [mm]	0.75 [19.05]
Height, in [mm]	0.6 [15.24]

**Connector 1**

Type	SMA Female
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**Connector 2**

Type	SMA Female
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**Compliance Certifications** (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

RoHS Compliant	
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 100 MHz With a 100 MHz Passband PE8719](#)



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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 100 MHz With a 100 MHz Passband 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.

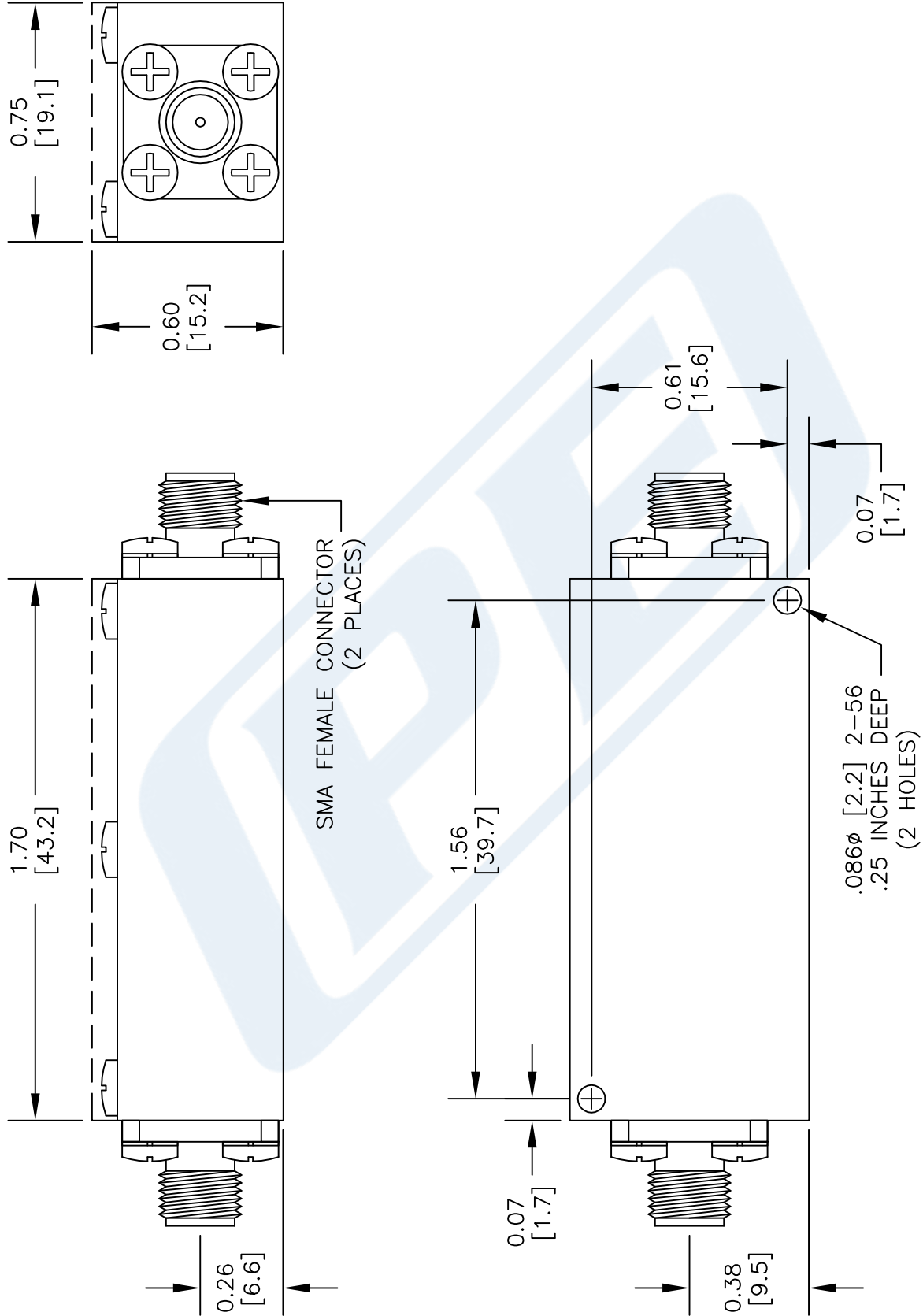
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [5 Section Lowpass Filter With SMA Female Connectors Operating From DC to 100 MHz With a 100 MHz Passband PE8719](#)

URL: <http://www.pasternack.com/5-section-low-pass-filter-0-mhz-100-mhz-passband-100-mhz-pe8719-p.aspx>

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 does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

# PE8719 CAD Drawing

5 Section Lowpass Filter With SMA Female Connectors Operating  
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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  
**PE8719**

FSCM NO. 53919

CAD FILE 020415

SCALE N/A

SIZE A

150

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