



5 Section Lowpass Filter With SMA Female Connectors
Operating From DC to 2 GHz With a 2 GHz Passband

TECHNICAL DATA SHEET

PE8721

Configuration

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

Electrical Specifications

Passband Minimum Frequency, KHz	0
Passband Maximum Frequency, GHz	2
Useable Frequency Range, GHz	DC to 2
Impedance, Ohms	50
Maximum Insertion Loss, dB	1
Passband Maximum VSWR	1.5:1
Maximum Input Power, Watts	10
Rejection at 3 GHz	40 dB
Rejection at 4 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
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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 2 GHz With a 2 GHz Passband PE8721](#)

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 2 GHz With a 2 GHz 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.

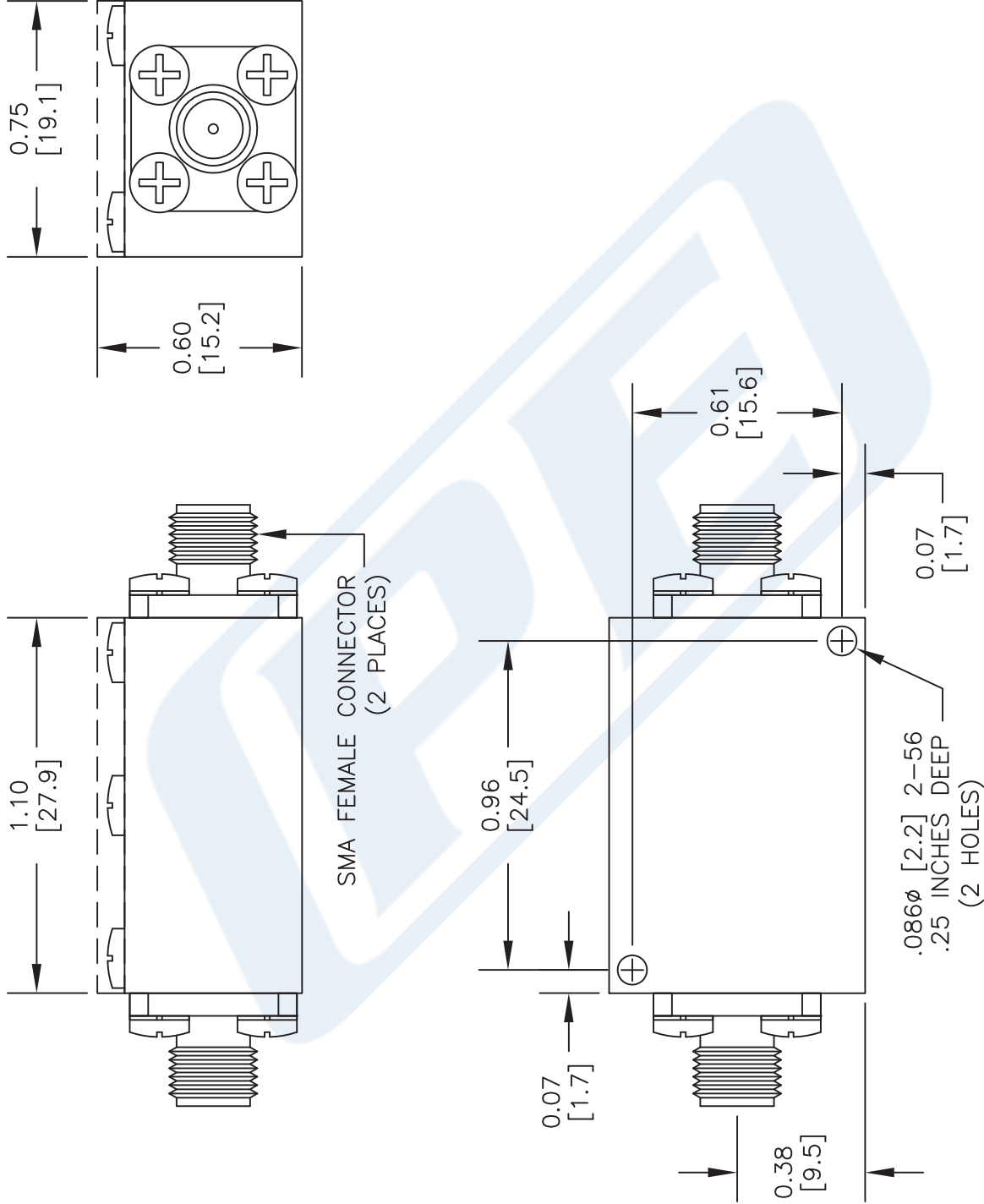
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URL: <http://www.pasternack.com/5-section-low-pass-filter-0-mhz-2-ghz-passband-2-ghz-pe8721-p.aspx>

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PE8721 CAD Drawing

5 Section Lowpass Filter With SMA Female Connectors
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DWG TITLE

PE8721

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].

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REV. -

FSCM NO. 53919

CAD FILE 042712

SCALE N/A

SIZE A

2233