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5 Section Lowpass Filter With SMA Female Connectors Operating From 0 MHz To 2 GHz With a 2 GHz Passband



TECHNICAL DATA SHEET PE8721

5 Section Lowpass Filter With SMA Female Connectors Operating From 0 MHz To 2 GHz With a 2 GHz Passband

Configuration

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
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

Connector 2

Type	SMA Female

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

RoHS Compliant	Yes

Plotted and Other Data

Notes:	Values at 25 °C, sea level

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

5 Section Lowpass Filter With SMA Female Connectors Operating From 0 MHz 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.

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.

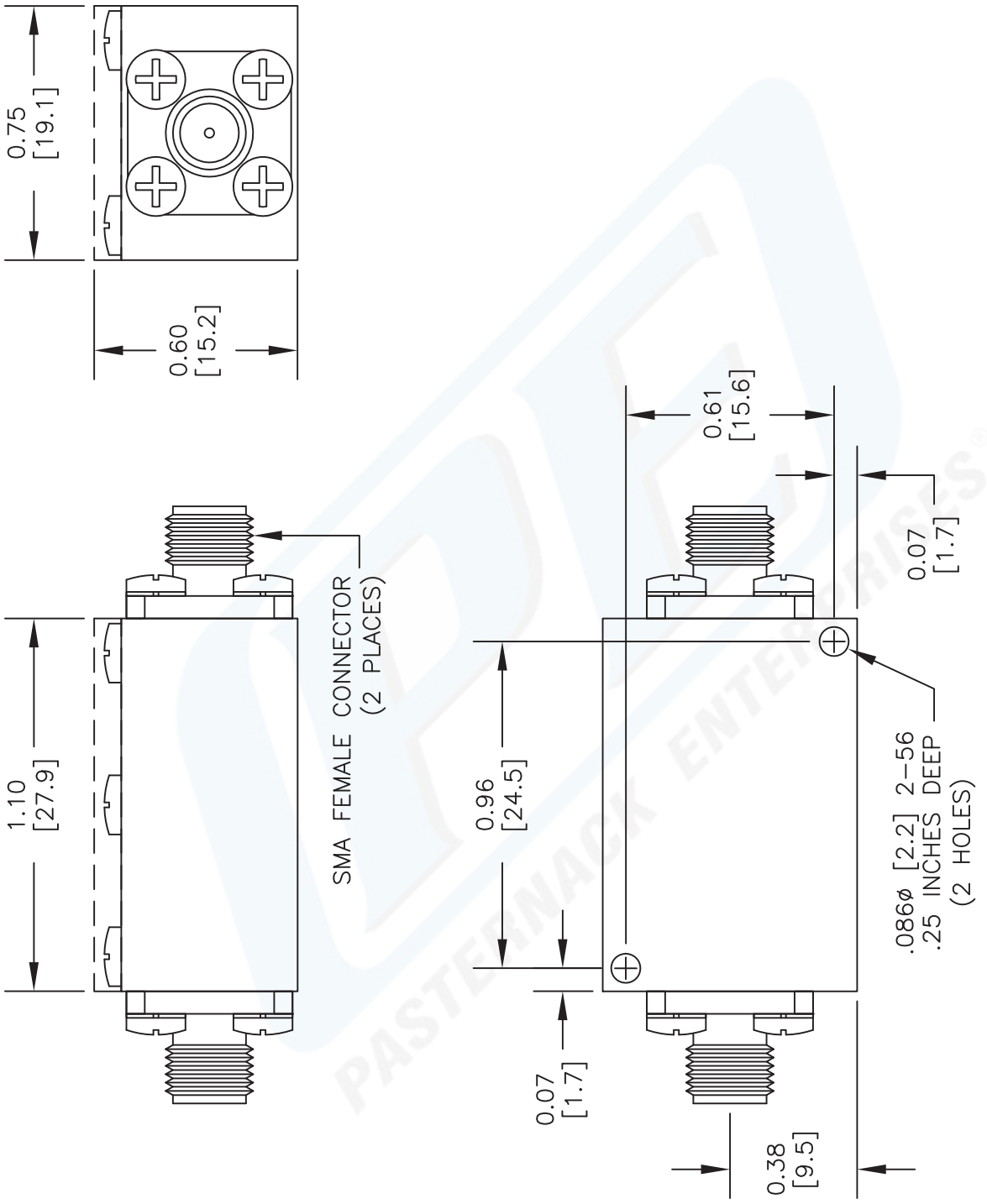
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PE8721 CAD Drawing

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From 0 MHz To 2 GHz With a 2 GHz 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 **PE8721**

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

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