



4 Section Bandpass Filter With SMA Female Connectors
Operating From 4.9 GHz to 5.9 GHz With a 1,000 MHz Passband

Bandpass Filters Technical Data Sheet

PE8714

Applications

- WIMAX

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Passband Frequency	4.9		5.9	GHz
Impedance		50		Ohms
Insertion Loss			0.75	dB
Passband VSWR			1.5:1	
Rejection at 400 MHz	50			dB
Rejection at 10.4 GHz	50			dB
Input Power, CW			5	Watts

Electrical Specification Notes: Values at 25°C, sea level.

Mechanical Specifications

Size

Length	1.28 in [32.51 mm]
Width	0.7 in [17.78 mm]
Height	0.53 in [13.46 mm]

Configuration

Design	Compline
Number of Sections	4
Package Style	Connectorized Module
Connector 1	SMA Female
Connector 2	SMA Female

Environmental Specifications

Compliance Certifications (visit 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: [4 Section Bandpass Filter With SMA Female Connectors Operating From 4.9 GHz to 5.9 GHz With a 1,000 MHz Passband PE8714](#)



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Plotted and Other Data

Notes:

- Values at 25°C, sea level.

4 Section Bandpass Filter With SMA Female Connectors Operating From 4.9 GHz to 5.9 GHz With a 1,000 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.

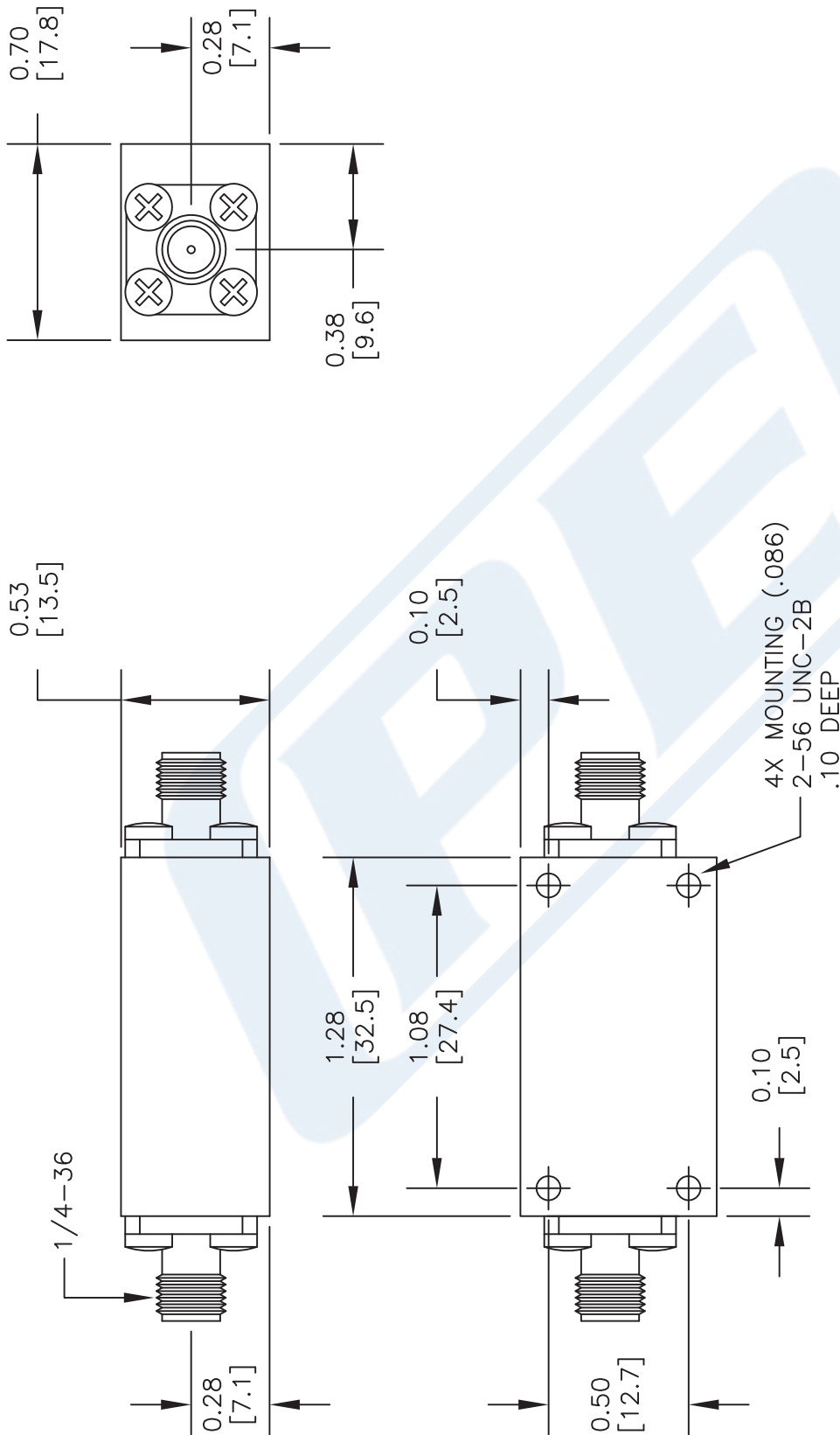
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [4 Section Bandpass Filter With SMA Female Connectors Operating From 4.9 GHz to 5.9 GHz With a 1,000 MHz Passband PE8714](http://www.pasternack.com/4-section-band-pass-filter-4.9-ghz-5.9-ghz-passband-1000-mhz-pe8714-p.aspx)

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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.

PE8714 CAD Drawing

4 Section Bandpass Filter With SMA Female Connectors Operating
From 4.9 GHz to 5.9 GHz With a 1,000 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

PE8714

FSCM NO. 53919

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