PASTERNACK®
THE ENGINEER'S RF SOURCE



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	Combline
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

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
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ISO 9001 : 2008 Registered

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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

URL: http://www.pasternack.com/4-section-band-pass-filter-4.9-ghz-5.9-ghz-passband-1000-mhz-pe8714-p.aspx

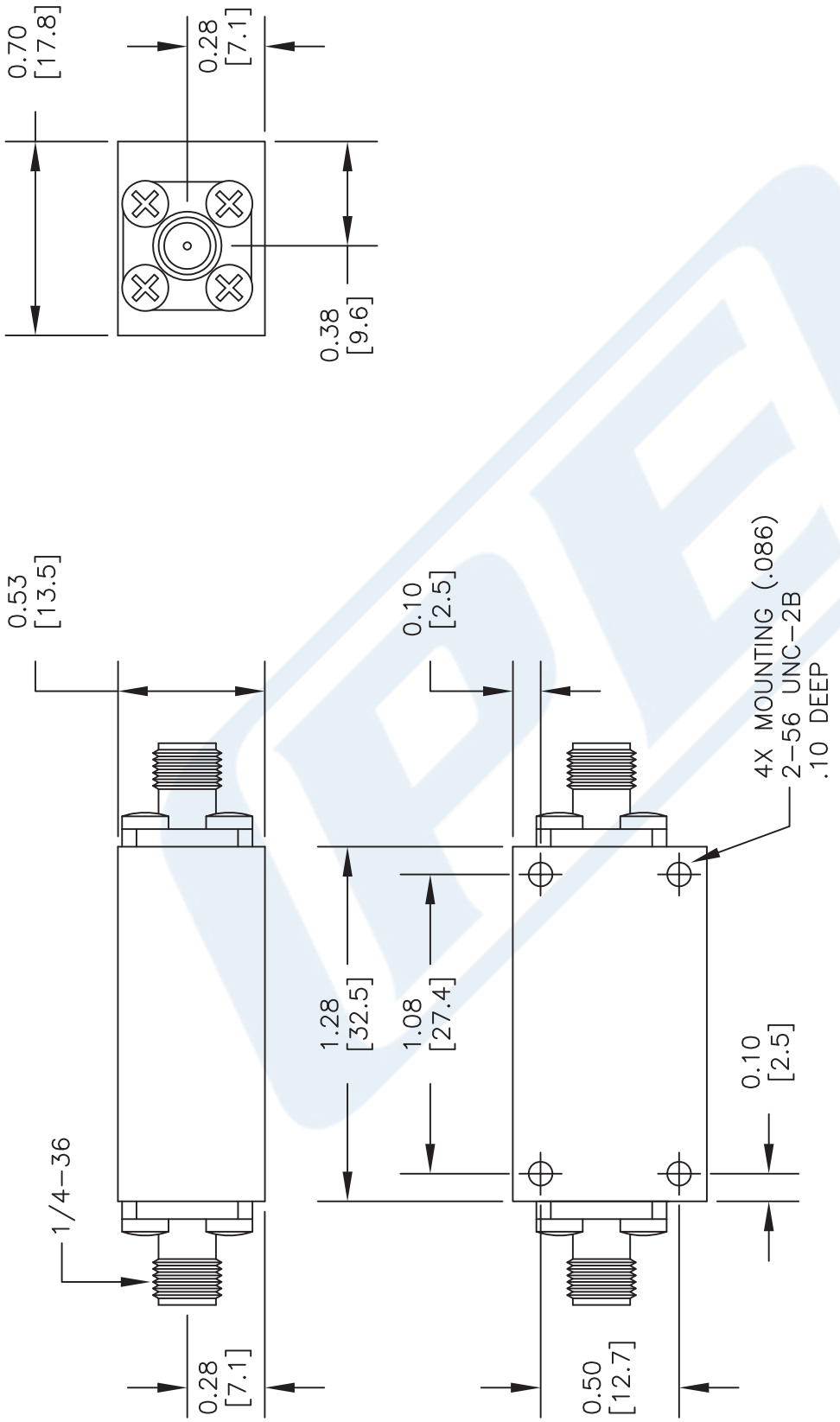
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PE8714 CAD Drawing

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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	CAD FILE	SCALE	SIZE	
PE8714	041609	N/A	A	2233
FSCM NO. 53919				

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