



## 4 Section Bandpass Filter With SMA Female Connectors Operating From 2.4 GHz To 2.5 GHz With a 100 MHz Passband

### TECHNICAL DATA SHEET

PE8701

#### 4 Section Bandpass Filter With SMA Female Connectors Operating From 2.4 GHz To 2.5 GHz With a 100 MHz Passband

##### Configuration

Design	Comblin Filter
Connector 1	SMA Female
Connector 2	SMA Female
Passband Frequency Range, GHz	2.4 to 2.5

##### Electrical Specifications

Passband Minimum Frequency, GHz	2.4
Passband Maximum Frequency, GHz	2.5
Impedance, Ohms	50
Maximum Insertion Loss, dB	1
Passband Maximum VSWR	1.5:1
Maximum Input Power, Watts	5
Rejection at 2.05 GHz	50 dB
Rejection at 2.85 GHz	50 dB

##### Mechanical Specifications

<b>Connector 1</b>	
Type	SMA Female
<b>Connector 2</b>	
Type	SMA Female

##### Compliance Certifications (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

RoHS Compliant	Yes
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##### Plotted and Other Data

Notes: Values at 25 °C, sea level

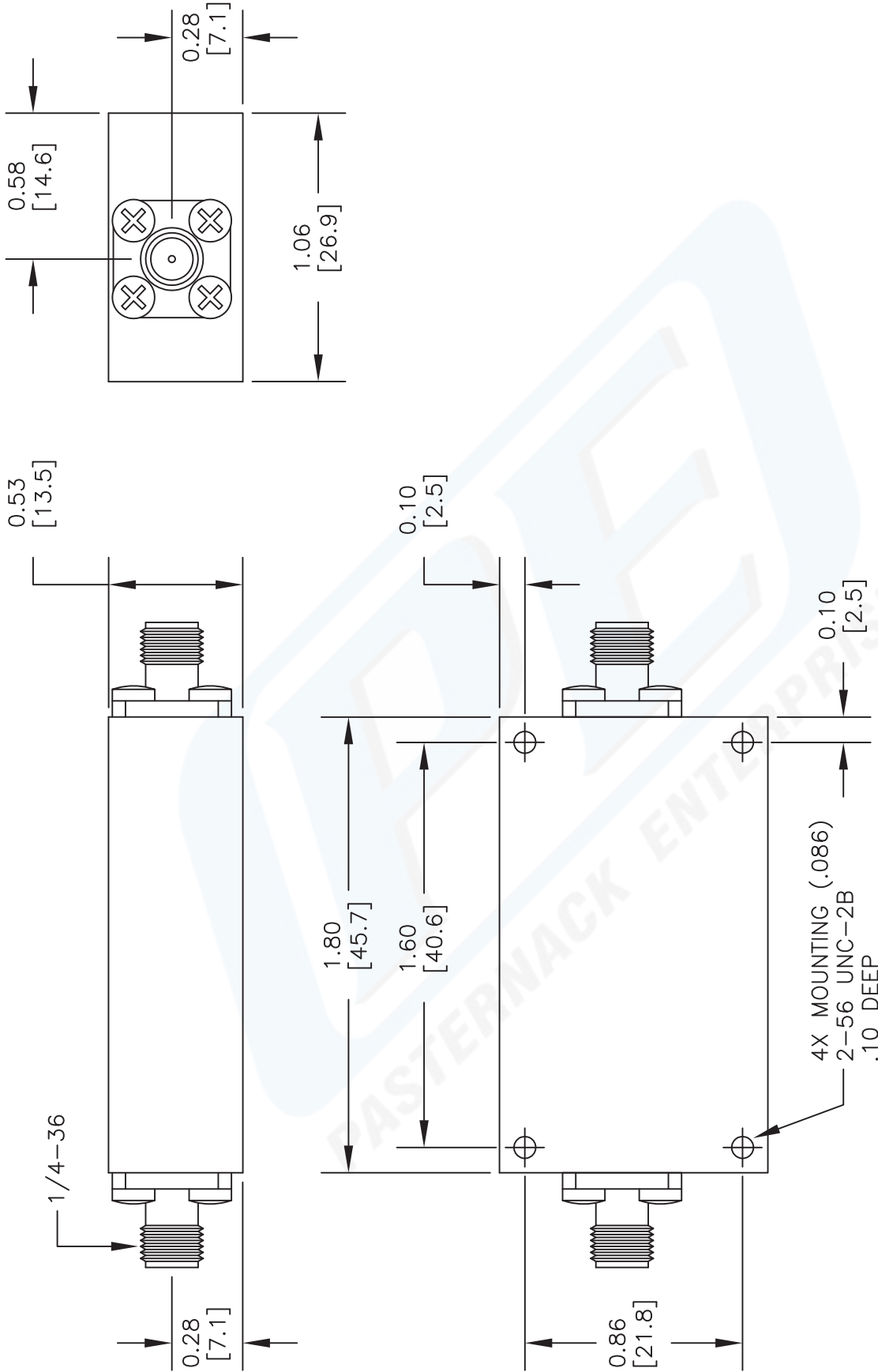
URL: <http://www.pasternack.com/4-section-band-pass-filter-2.4-ghz-2.5-ghz-passband-100-mhz-pe8701-p.aspx>

4 Section Bandpass Filter With SMA Female Connectors Operating From 2.4 GHz To 2.5 GHz With a 100 MHz 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.

# PE8701 CAD Drawing

4 Section Bandpass Filter With SMA Female Connectors Operating From 2.4 GHz To 2.5 GHz With a 100 MHz Passband



DWG TITLE

**PE8701**

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].

FSCM NO. 53919

2233

SIZE A

SCALE N/A

CAD FILE 041509

**PE PASTERNAK**<sup>®</sup>

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