



4 Section Bandpass Filter With SMA Female Connectors  
Operating From 2.11 GHz to 2.17 GHz With a 60 MHz Passband

Bandpass Filters Technical Data Sheet

PE8711

**Applications**

- UMTS/AWS

**Electrical Specifications**

Description	Minimum	Typical	Maximum	Units
Passband Frequency	2.11		2.17	GHz
Impedance		50		Ohms
Insertion Loss			1.5	dB
Passband VSWR			1.5:1	
Rejection at 1.89 GHz	50			dB
Rejection at 2.39 GHz	50			dB
Input Power, CW			5	Watts

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

**Mechanical Specifications**

**Size**

Length	1.9 in [48.26 mm]
Width	1.2 in [30.48 mm]
Height	0.53 in [13.46 mm]
Weight	0.115 lbs [52.16 g]

**Configuration**

Design	Compline
Number of Sections	4
Connector 1	SMA Female
Connector 2	SMA Female

**Compliance Certifications** (see [product page](#) for current document)

**Plotted and Other Data**

Notes:

- Values at 25°C, sea level.

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 2.11 GHz to 2.17 GHz With a 60 MHz Passband PE8711](#)

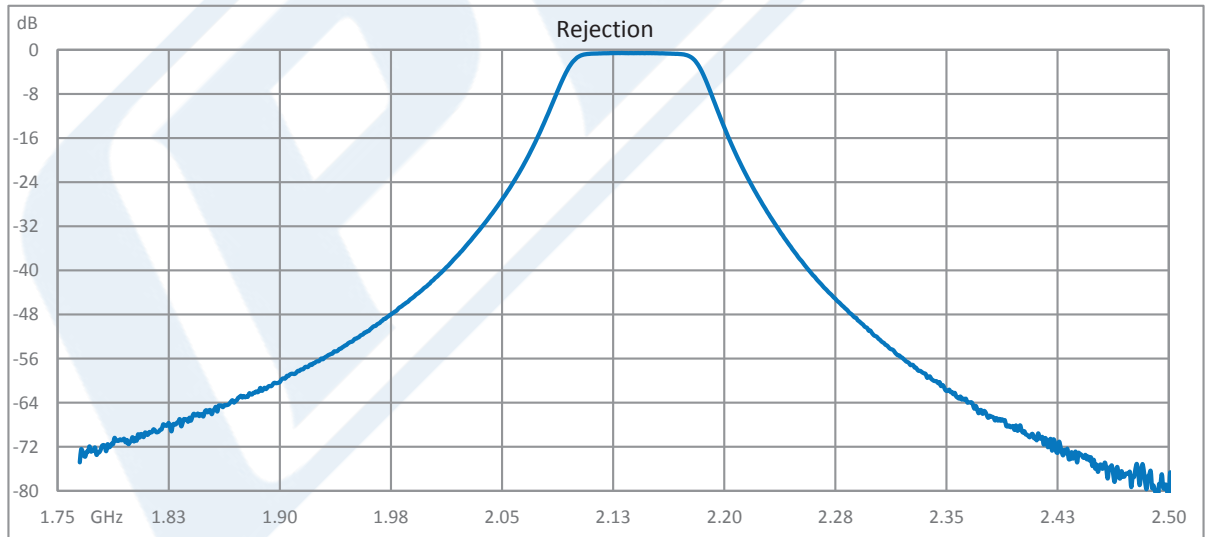
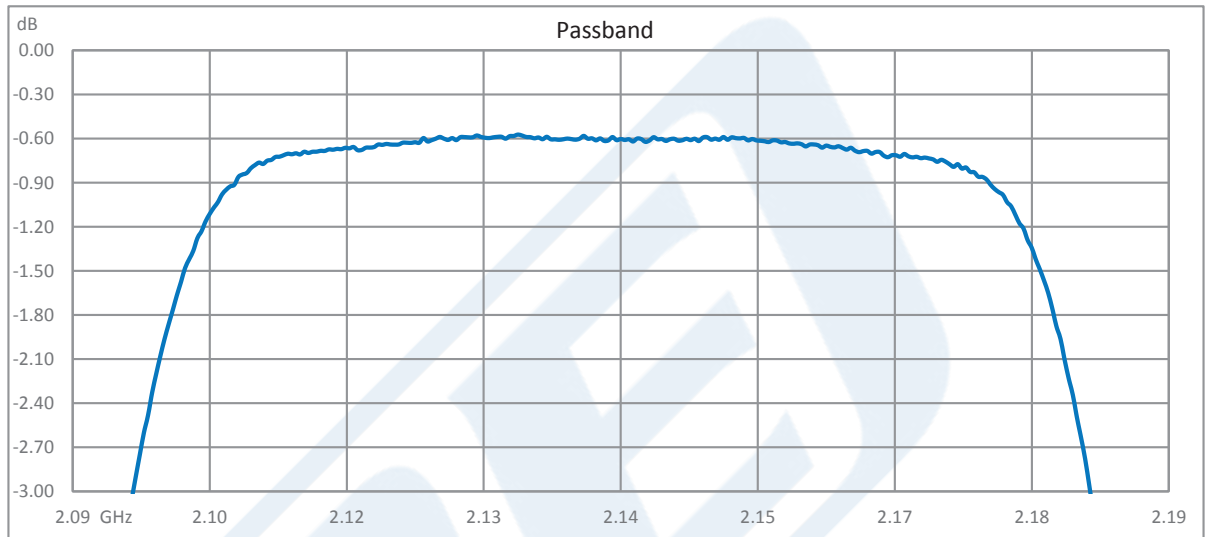


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Typical Performance Data



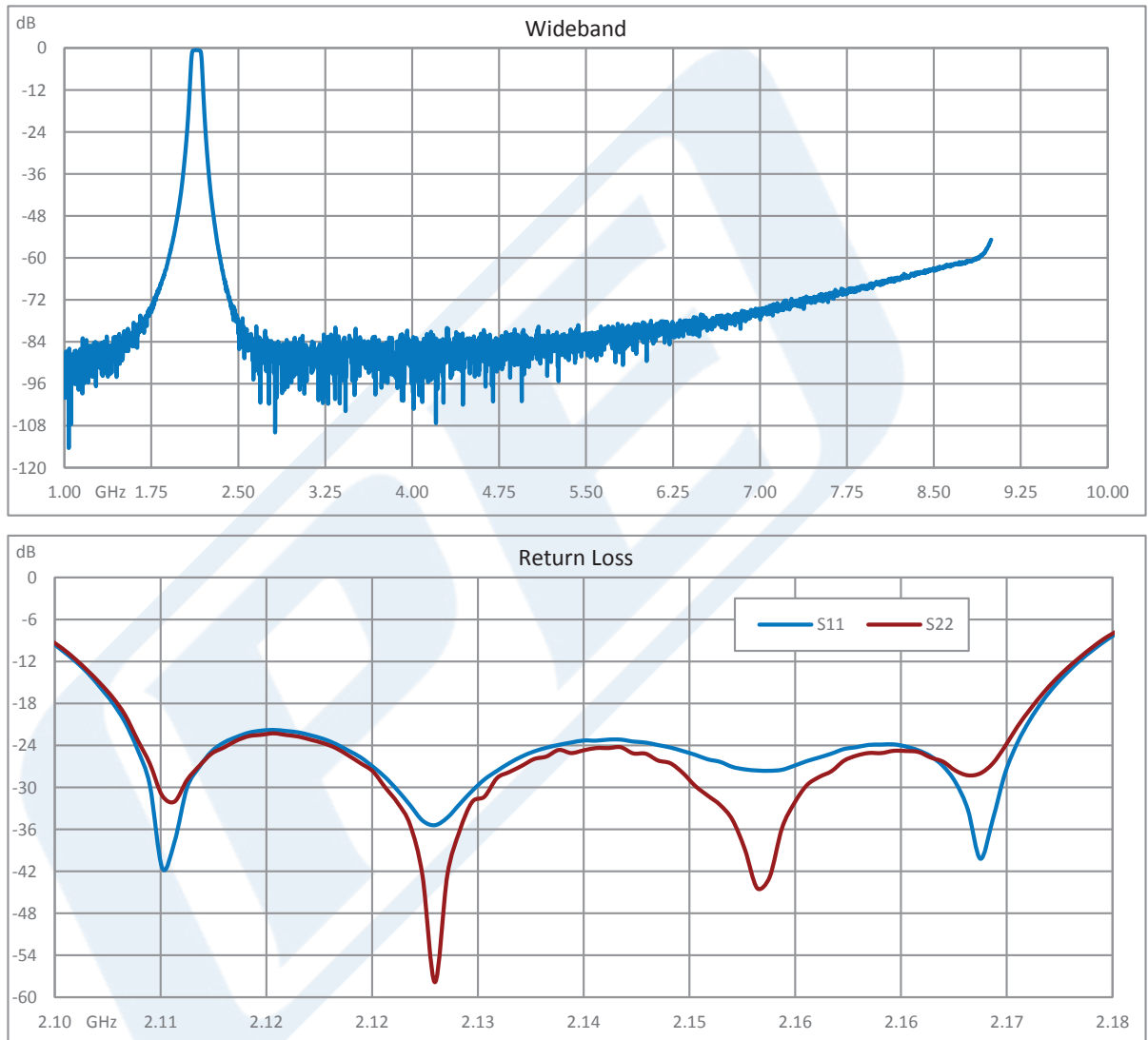
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4 Section Bandpass Filter With SMA Female Connectors Operating From 2.11 GHz to 2.17 GHz With a 60 MHz Passband from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

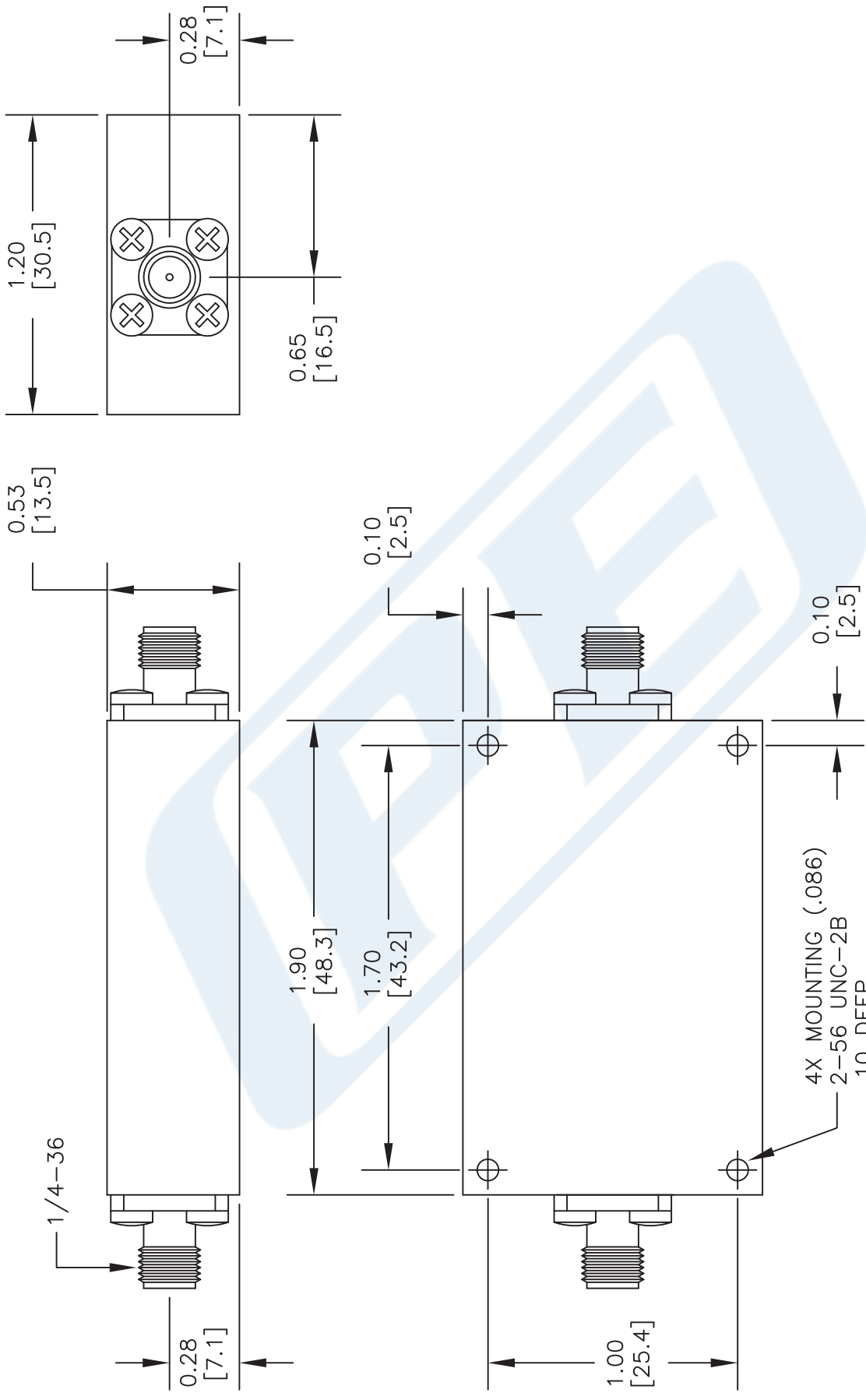
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [4 Section Bandpass Filter With SMA Female Connectors Operating From 2.11 GHz to 2.17 GHz With a 60 MHz Passband PE8711](https://www.pasternack.com/4-section-band-pass-filter-2.11-ghz-2.17-ghz-passband-60-mhz-pe8711-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.

# PE8711 CAD Drawing

4 Section Bandpass Filter With SMA Female Connectors Operating From 2.11 GHz to 2.17 GHz With a 60 MHz Passband



DWG TITLE

**PE8711**

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 041609

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