

5 Section Lowpass Filter With SMA Female Connectors Operating From DC to 30 MHz



PE8723

Features

- DC to 30 MHz Frequency

Description

Lowpass filter PE8723 from Pasternack is part of our extensive line of in-stock RF components for sale. Our lowpass filter is manufactured with SMA connectors that are female and in a 5 section design. This 5 section SMA low pass filter has a VSWR of 1.5 and a maximum power of 5 Watts.

Frequency range of this lowpass filter is DC to 30 MHz and the passband is 30 MHz. PE8723 lowpass filter is one of over 40,000 RF, microwave and millimeter wave components supplied by Pasternack. Our 5 section low pass filter can be bought and shipped worldwide the same-day as with our other in-stock RF parts.

Electrical Specifications*

Description	Min	Typ	Max	Units
Passband Freq.	DC		30	MHz
Useable Freq. Range		DC to 30		MHz
Impedance		50		Ohms
Insertion Loss			1	dB
Passband VSWR			1.5:1	
Input Power			5	Watts
Rejection at 45 MHz	40			dB
Rejection at 60 MHz	60			dB

Mechanical Specifications

Size	
Length	1.7 in [43.18 mm]
Width	0.75 in [19.05 mm]
Height	0.65 in [16.51 mm]
Weight	0.0869 lbs [39.42 g]

Connectors

Description	Connector 1	Connector 2
Type	SMA Female	SMA Female

Compliance Certifications

(see product page for current document)

Plotted and Other Data

Notes:

- Values at 25 °C, sea level

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5 Section Lowpass Filter With SMA Female Connectors Operating From DC to 30 MHz 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: [5 Section Lowpass Filter With SMA Female Connectors Operating From DC to 30 MHz PE8723](#)

URL: <https://www.pasternack.com/5-section-low-pass-filter-0-mhz-30-mhz-passband-30-mhz-pe8723-p.aspx>

The information contained within 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 Enterprises reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack Enterprises does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack Enterprises does not assume liability arising out of the use of any part or document.

PE8723 CAD Drawing

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