

Lowpass Filter Operating From DC to 3 GHz With SMA Female Connectors

The FMFL025 is a Five section Low pass filter. The pass band is 3000 MHz wide, from 0 to 3000 MHz with excellent rejection of 50 dB at 6000 MHz. It has a maximum insertion loss of 1 dB. The FMFL025 has SMA female connectors and is rated to 10 watts.



Electrical Specifications*

Description	Min	Typ	Max	Units
Passband Freq.	DC		3	GHz
Useable Freq. Range		DC to 3		GHz
Impedance		50		Ohms
Insertion Loss			1	dB
Passband VSWR			1.5:1	
Input Power			10	Watts
Rejection at 4.5 GHz	40			dB
Rejection at 6 GHz	60			dB

Features:

- Design: Low Pass Filter
- Number of Sections: 5
- Connector 1: SMA Female
- Connector 2: SMA Female

Mechanical Specifications

Size	
Length	1.1 in [27.94 mm]
Width	0.75 in [19.05 mm]
Height	0.65 in [16.51 mm]

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

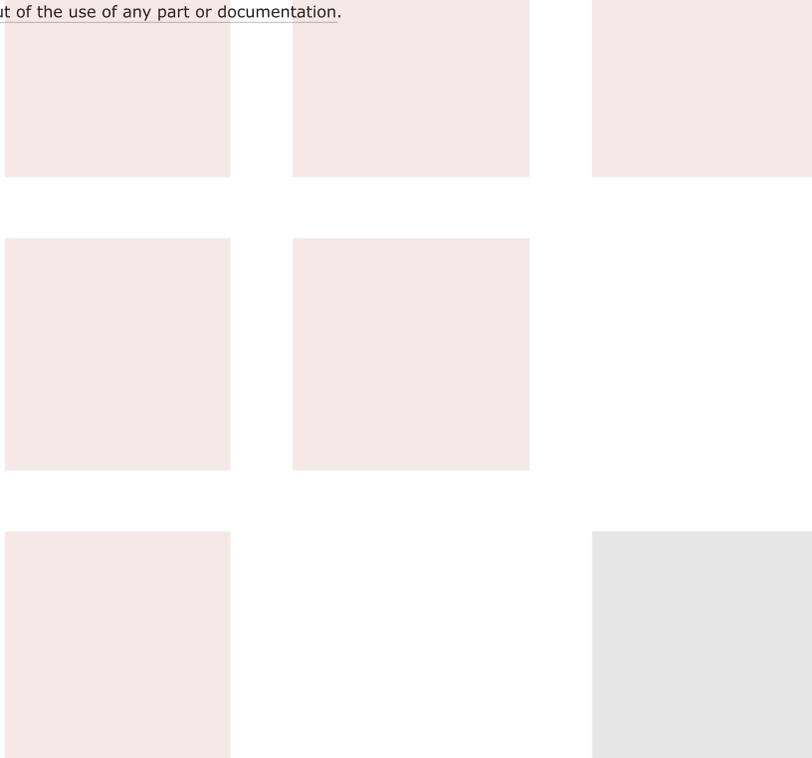
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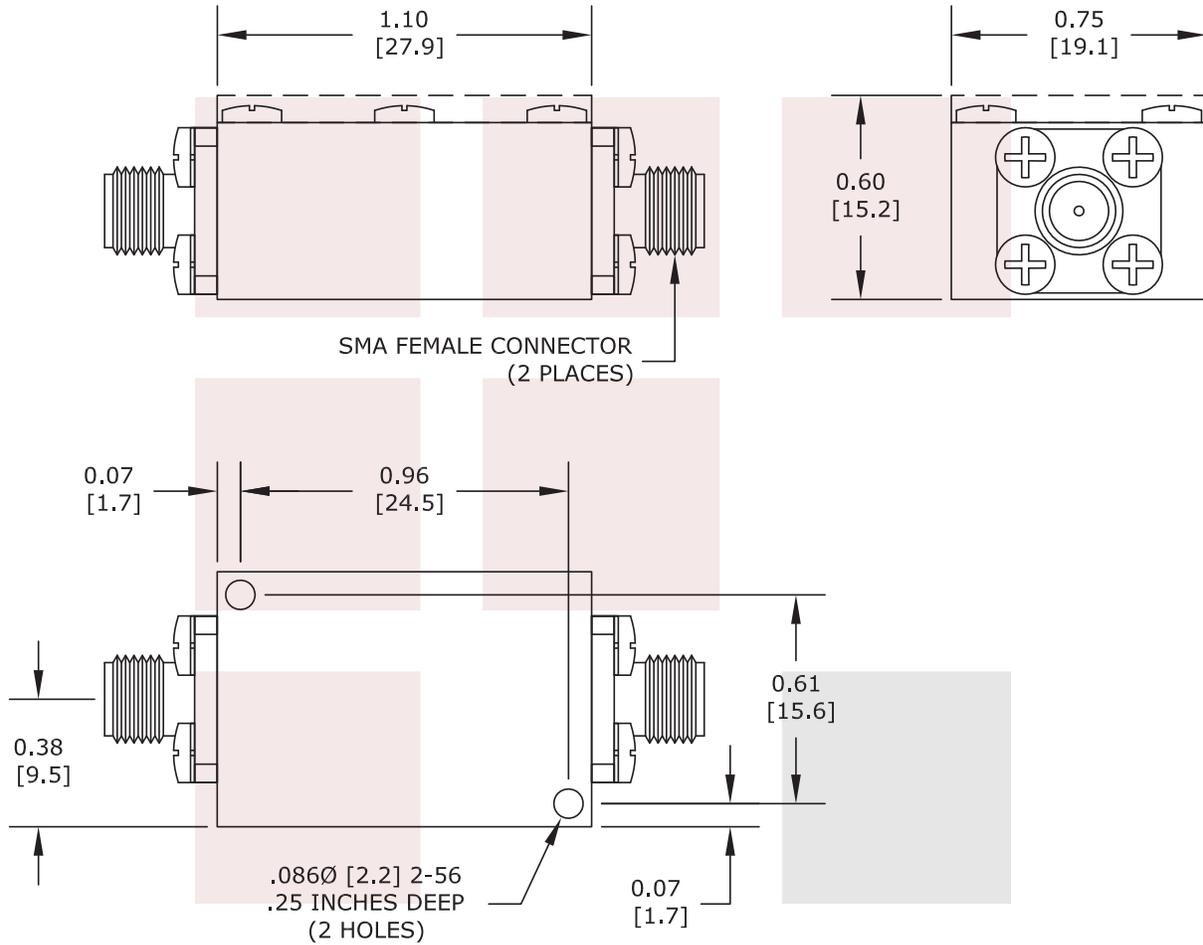
Lowpass Filter Operating From DC to 3 GHz With SMA Female Connectors from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [Lowpass Filter Operating From DC to 3 GHz With SMA Female Connectors FMFL025](#)

URL: <https://www.fairviewmicrowave.com/low-pass-filter-dc-3-ghz-sma-female-connectors-fmfl025-p.aspx>

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TITLE Lowpass Filter Operating From DC to 3 GHz With SMA Female Connectors		DWG NO FMFL025		CAGE CODE 3FKR5	
CAD FILE	042617	SHEET	SCALE	N/A	SIZE A 2233