

IMF Series 6 GHz

ims

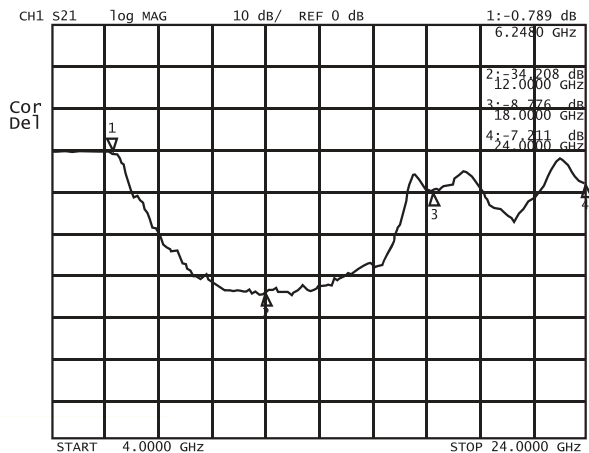
Thick Film Low Pass Filter

The 6 GHz IMF 2345 low pass filters have been successfully tested to effective input power levels exceeding 15W without any thermal management. Part-to-part performance repeatability is excellent in high or low volumes, as these are of planar design using high conductivity thick film metals.



IMF2345	Specification
Passband:	up to 6 GHz
Rejection:	20 dB min from 8 GHz to 16 GHz
Size:	.553" x .123" x .025"
Insertion Loss:	0.5 dB or better
VSWR:	1.1:1
Power Capacity:	15W with 100 deg. C baseplate
Terminals:	Pt/Ag terms and backplane
0.01 dB passband ripple design:	50 Ohm Connections

IMF 2345 Frequency Response



To the left is an example of a LPF that was designed for a specific customer application.

This curve illustrates the performance of the IMF 2345 filter in a matched 50 Ohm alumina system. Characteristics were determined by the filter requirements submitted by the customer.

The actual curve for other semicustom LPFs will vary and will be determined by customer requirements and will be furnished with the first article delivery.

Contact ims today and let us show you how we can help you reach your design goals.

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