

Extreme Temperature Transceivers For High Speed Digital Data Transfer

2X

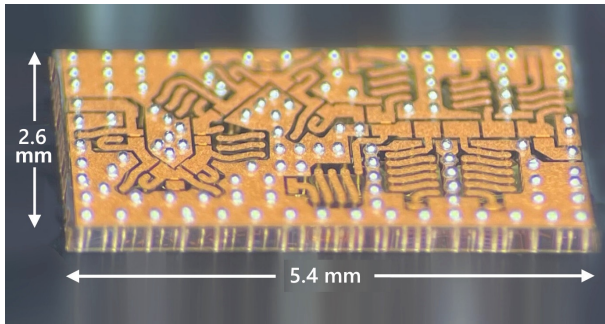
Smaller than high dielectric ceramic filters

4X

Better out-of-band rejection than high dielectric ceramic filters

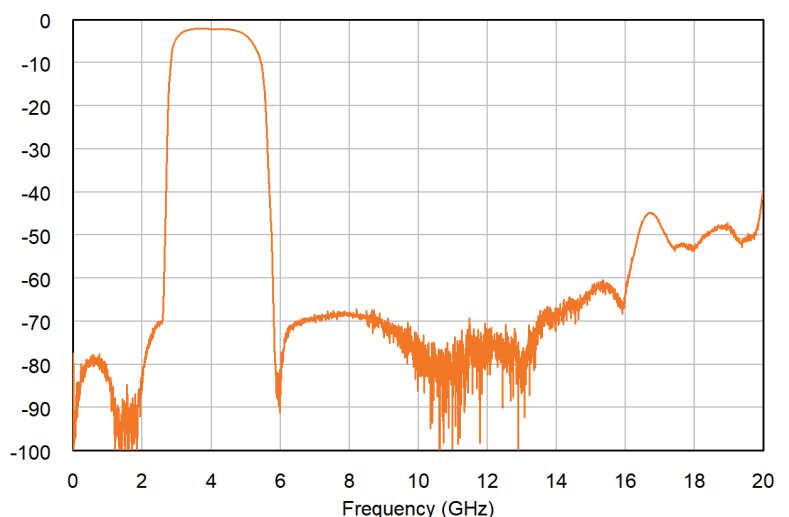
10X

Smaller than comparable performing filters



Parameter	Minimum Frequency (GHz)	Maximum Frequency (GHz)	Min	Nominal	Max	Unit
Pass-band Insertion Loss	3.0	5.0	2.2	2.6	3.75	dB
Pass-band Return Loss	3.0	5.0	14	18		dB
Stop-band Rejection	0	2.5	60	65		dB
Stop-band Rejection	5.8	15	60	65		dB
Stop-band Rejection	15	20	45	55		dB
Group Delay			0.8	1	2	nS
Power Handling					30	dBm
Impedance				50		Ω
Temperature			-55	25	125	°C

3-5 GHz Filter Performance P/N MMG_4000_2000_B



Product Details

Surface-mount, BGA packaging

Designed for frequencies from 0.5 to 10 GHz

Ideal for lowpass, highpass, bandpass, bandstop, and diplexer filtering applications

Performance graph to right is typical of all MMG filters in the family