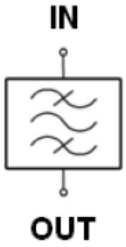
94 JACKSON ROAD, SUITE 110, DEVENS, MA 01434

Filters/Diplexers

Model RMFI.1043-1052.Sf — Bandpass Filter, SMA Female

System diagram



Electrical specifications

3.1.1	Passband 1 dB	1043.8 – 1052 MHz
3.1.2	Rejection @ d.c. to 2425.6 Mhz	55 dB typical (50 dB min)
	Rejection @ 2470.6 to 5000 Mhz	55 dB typical (50 dB min)
3.1.3	Insertion loss	2 dB typical (5 dB max)
3.1.4	Ripple @ 1048.1 ± 2.5 MHz	0.5 dB typical (1 dB max))
3.1.5	Group delay variation	25 ns typical (40 ns max)
3.1.6	Return loss	≥ 18 dB (1.29:1 VSWR)
	Input power	10 Wrms compliant

Environmental specifications

3.2.1	Operating temperature range	-20 ÷ 60 °C

Mechanical specifications

3.3.1	Dimensions (excluding connectors)	72 x 72 x 54 mm
3.3.4	Connectors	SMA female

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Rev 3/18/11

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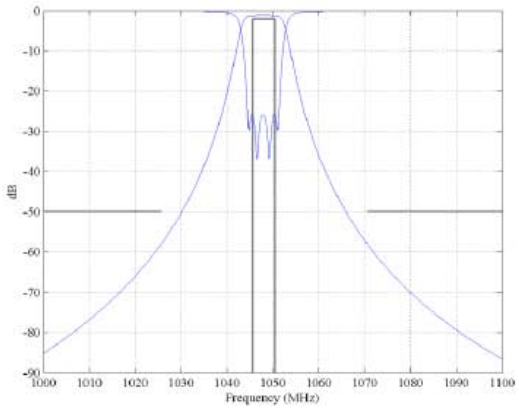
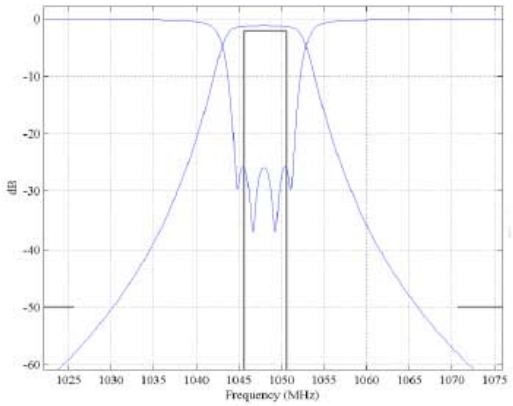
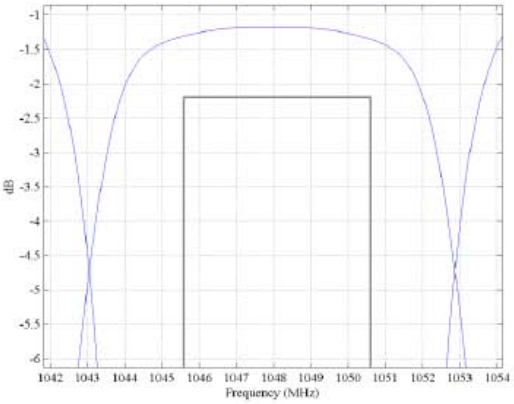
Theoretical response





Insertion loss



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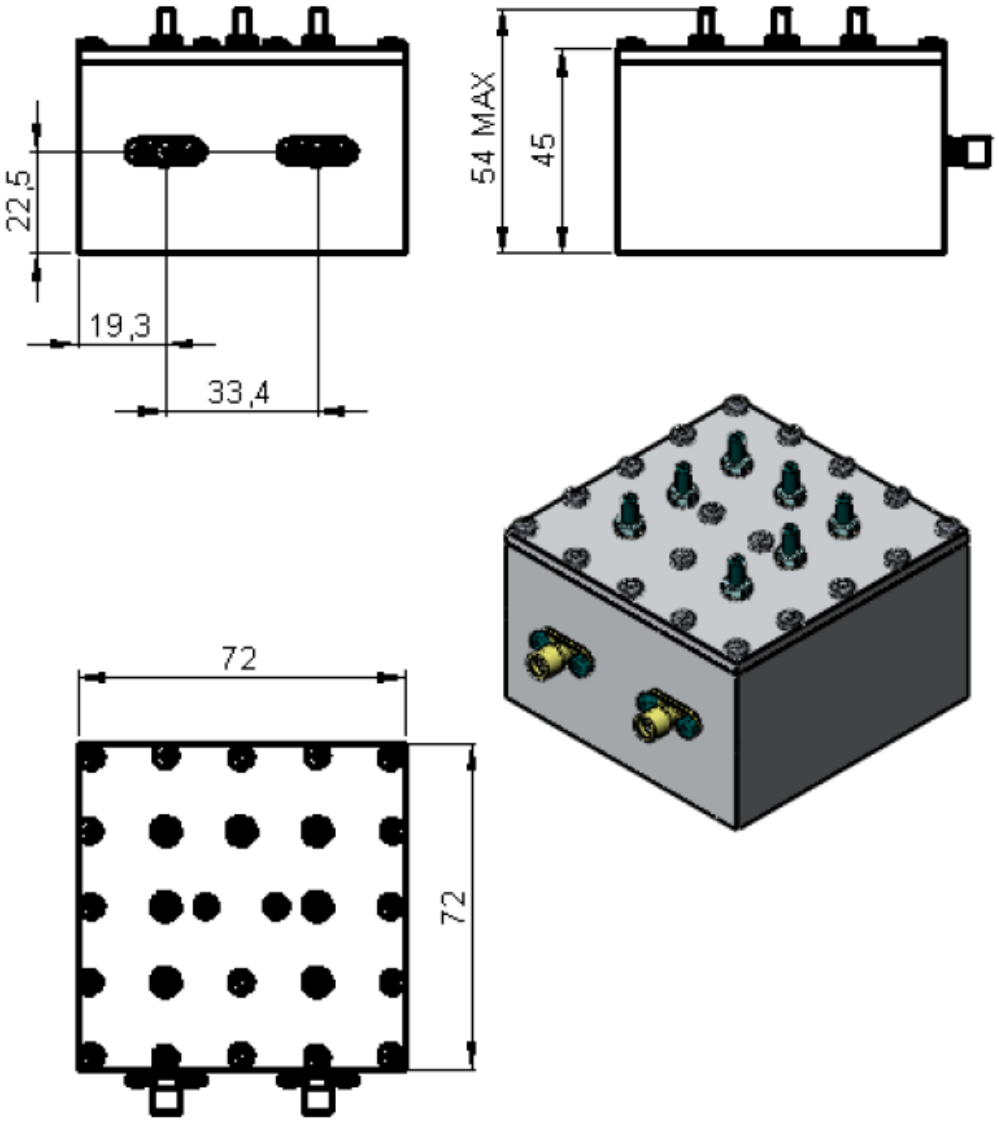

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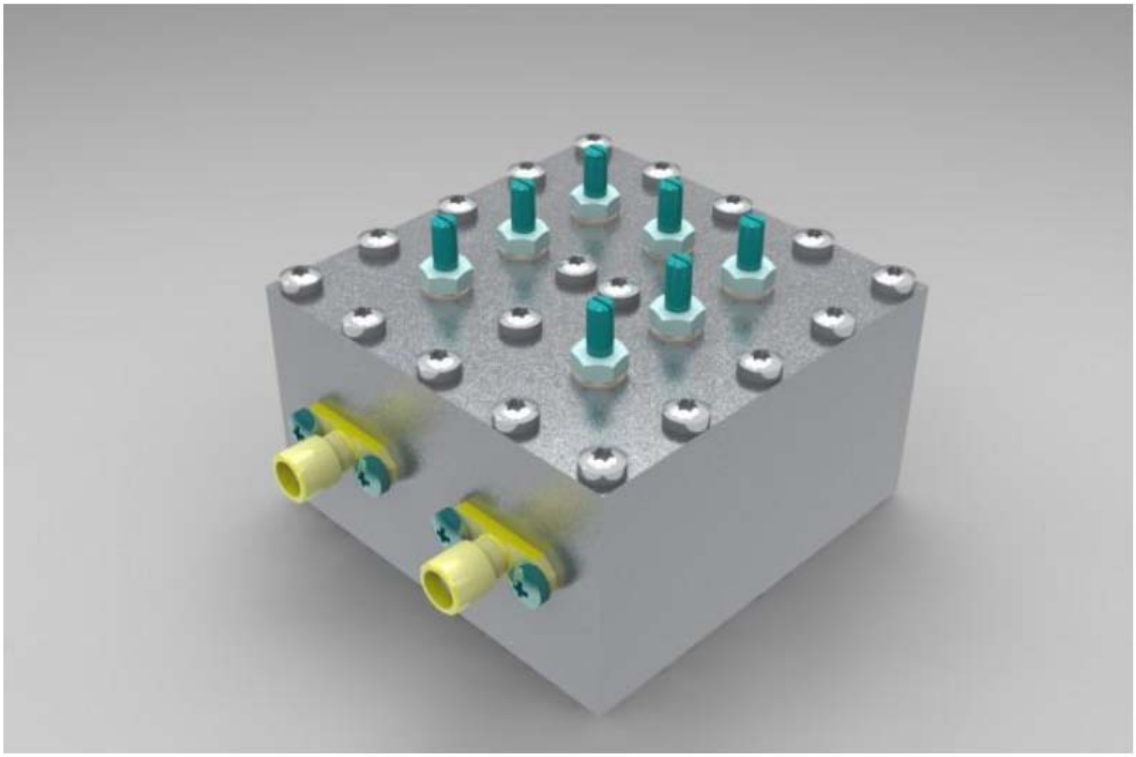

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