



1090 MHz Saw Filter

Part Number: AM1090S923

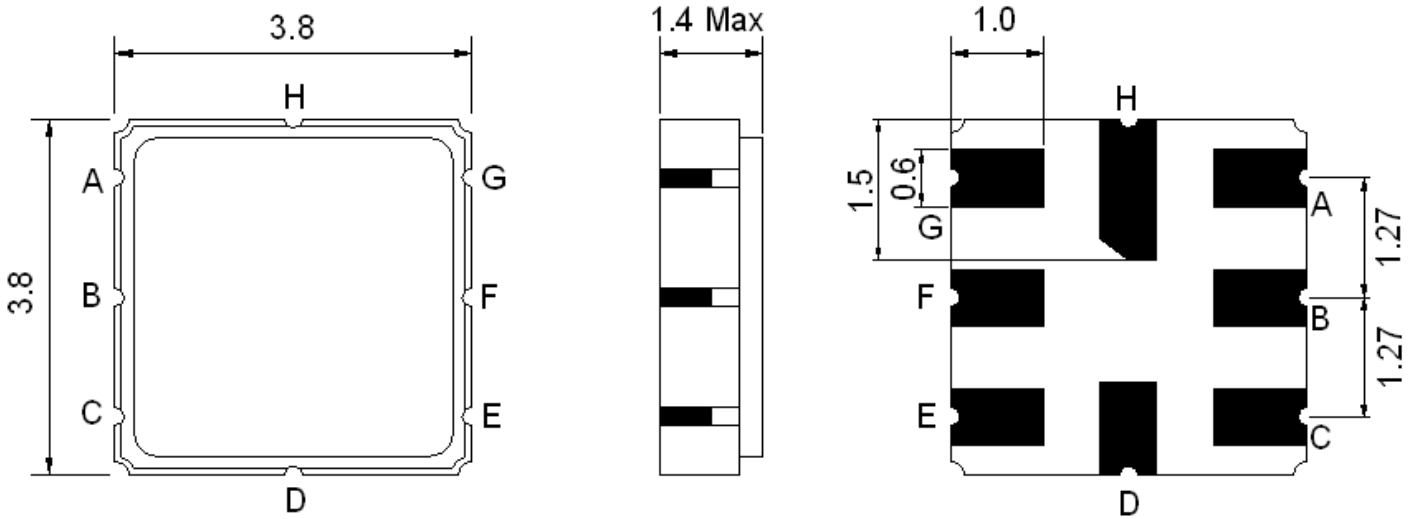


Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	1090.0	-
Insertion Loss within 1084 ~ 1096 MHz	dB	-	0.9	2.0
Amplitude Ripple within 1084 ~ 1096 MHz	dB _{p-p}	-	0.3	1.0
Attenuation:				
500 ~ 924 MHz	dB	45	48	-
924 ~ 944 MHz	dB	45	50	-
944 ~ 1051 MHz	dB	40	47	-
1051 ~ 1061 MHz	dB	30	36	-
1170 ~ 2000 MHz	dB	40	43	-

Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	0	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	0
Source Impedance (Balanced Ended) ₁	Ω	-	50	-
Load Impedance (Balanced Ended) ₁	Ω	-	50	-
Package Size and Type	3.8 x 3.8 x 1.4 mm		P1	

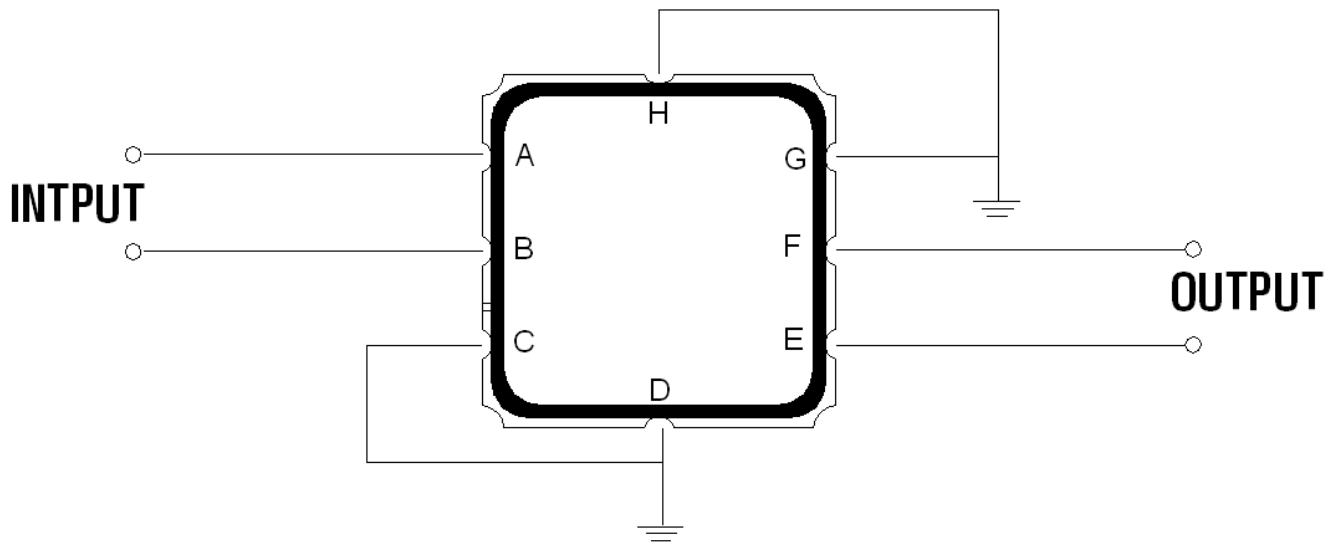


Outline Drawing:



Pin Description:
Ground – C D G H
Input – A B
Output – E F

Testing Environment:



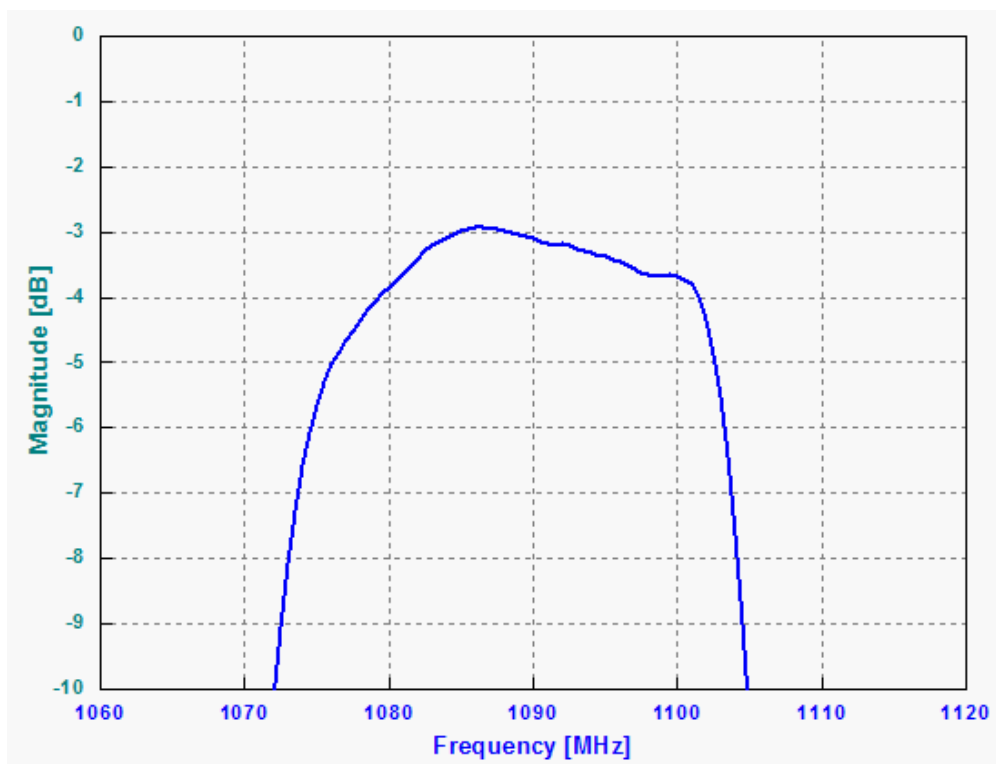
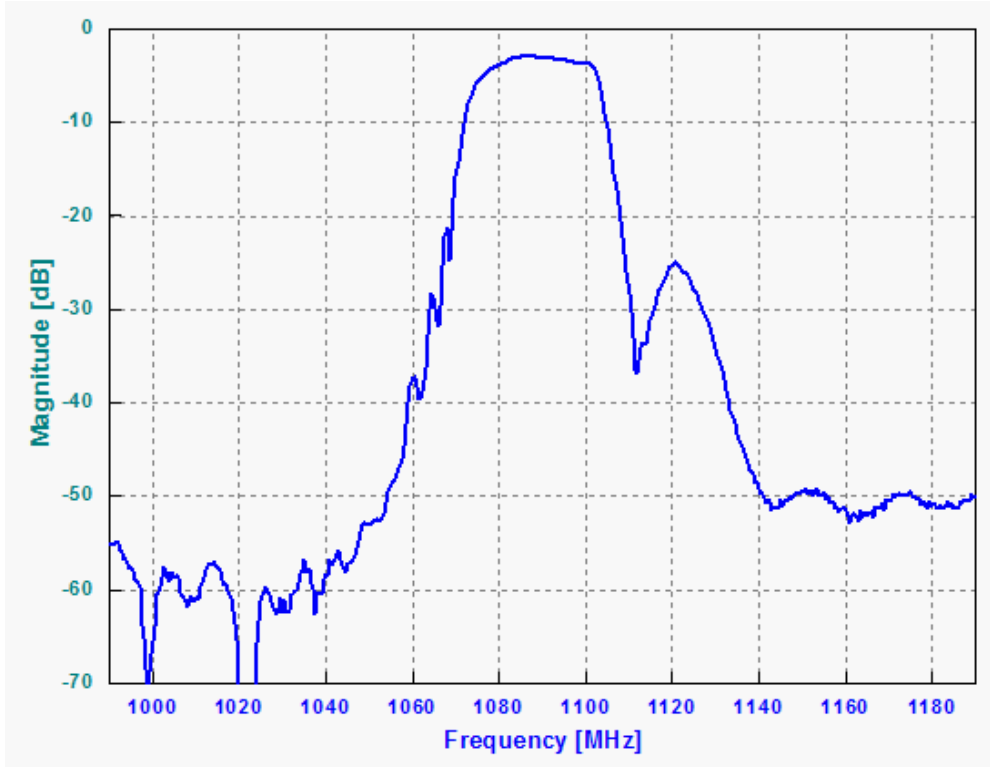


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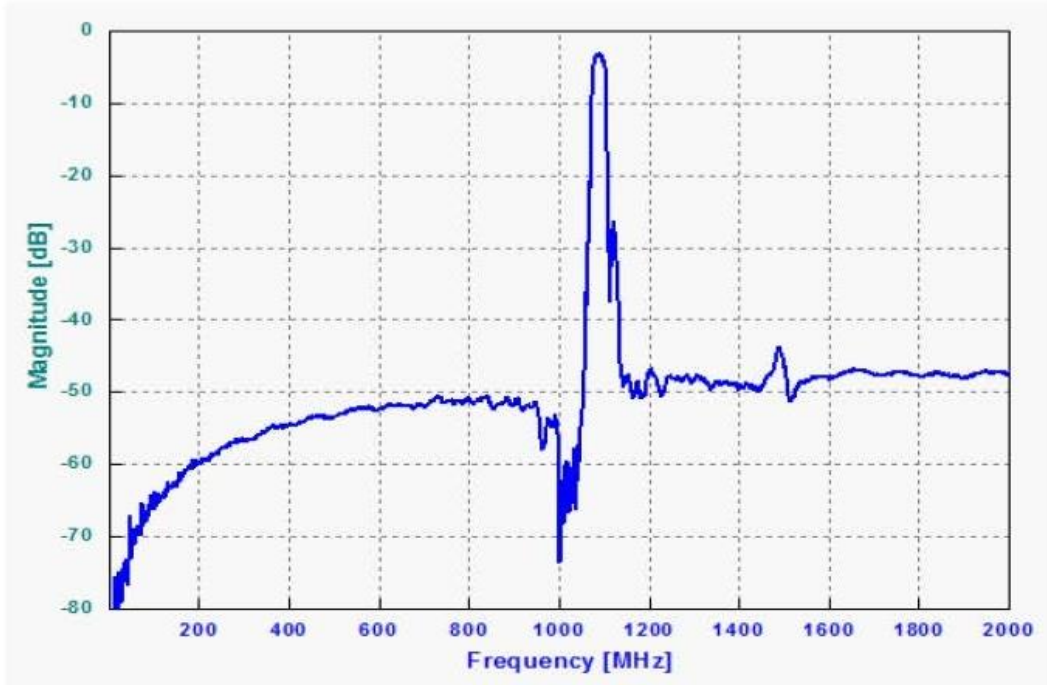


Response Plot:





Wide Band



Smith Chart

