



1000 MHz Saw Bandpass Filter

Part Number: AM1000S842



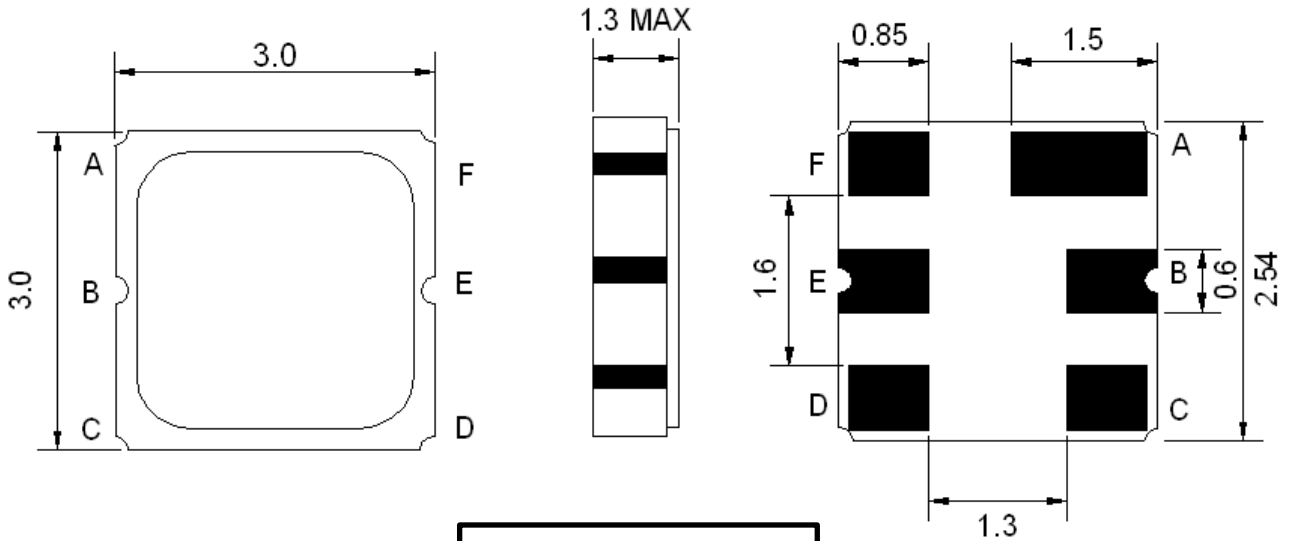
Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	1000.0	-
Insertion Loss within 997.5 ~ 1002.5 MHz	dB	-	2.0	3.5
Amplitude Ripple within 997.5 ~ 1002.5 MHz	dB _{p-p}	-	0.3	1.5
VSWR within 997.5 ~ 1002.5 MHz	-	-	1.5	2.0
Attenuation:				
875.0 ~ 950.0 MHz	dB	40	50	-
1080.0 ~ 1125.0 MHz	dB	45	55	-

Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-32	-	+85
Storage Temperature Range	°C	-50	-	+85
Maximum DC Voltage	V	-	-	5
Maximum Input Power	dBm	-	-	15
Source Impedance (Single Ended) ₁	Ω	-	50	-
Load Impedance (Single Ended) ₁	Ω	-	50	-
Package Size	3.0 x 3.0 x 1.3 mm M			

Notes: (1) No Matching Network (Ref. Testing Environment Circuit as shown below.)

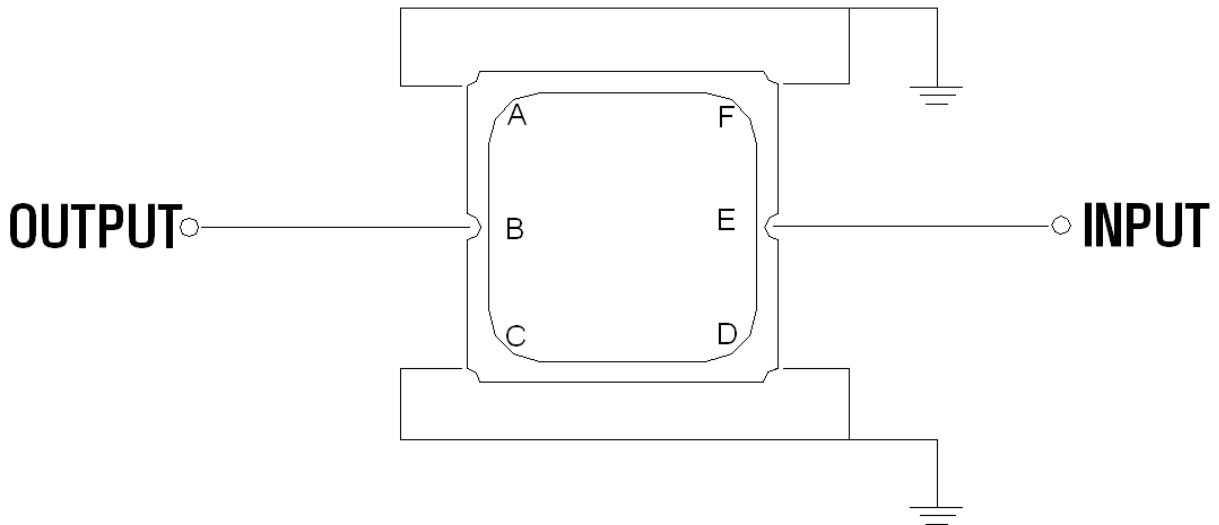


Outline Drawing:



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

Testing Environment:



Source & Load Impedance: 50 Ω

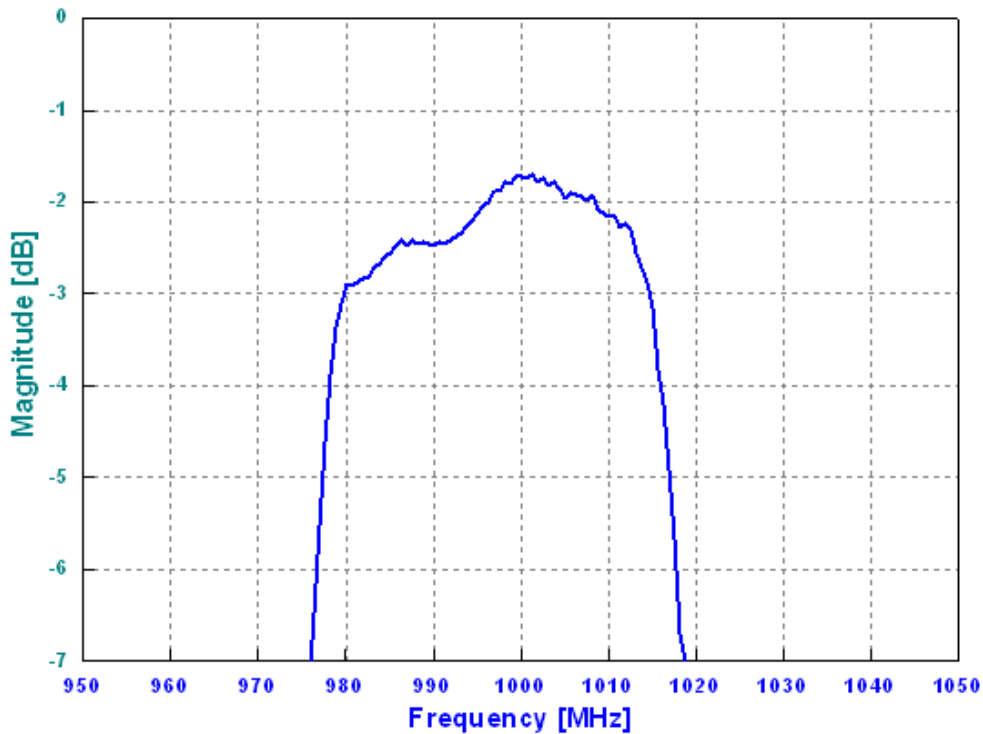
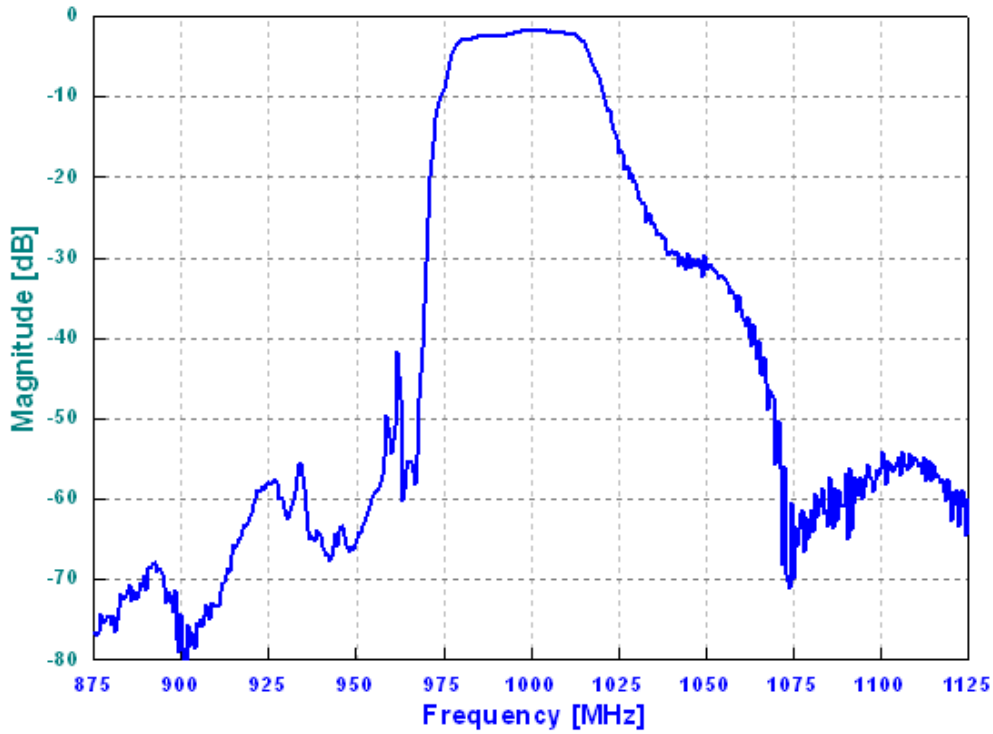


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Response Plot:





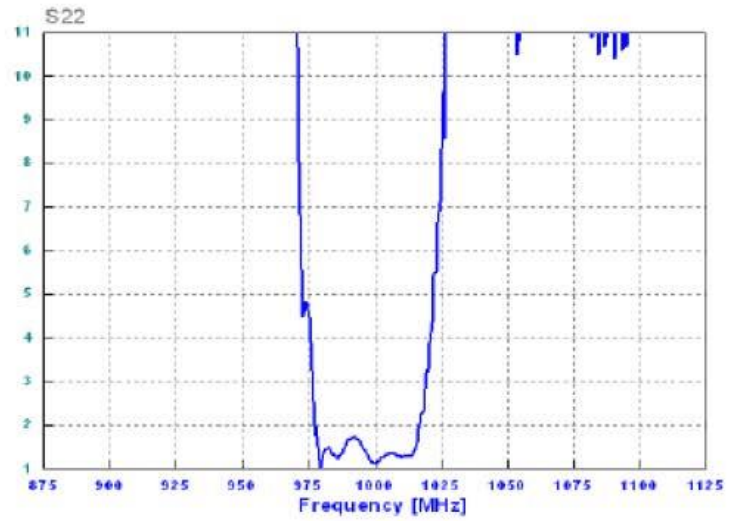
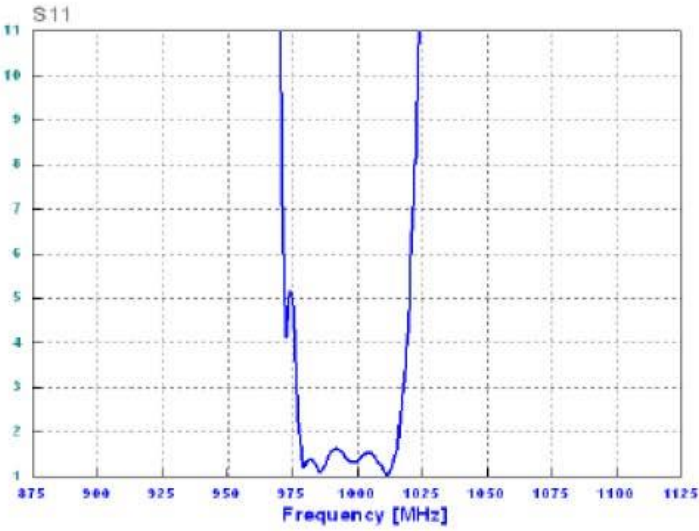
ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

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VSWR



Smith Chart

