



**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

# 1030 MHz Saw Bandpass Filter

**Part Number: AM1030S1064**

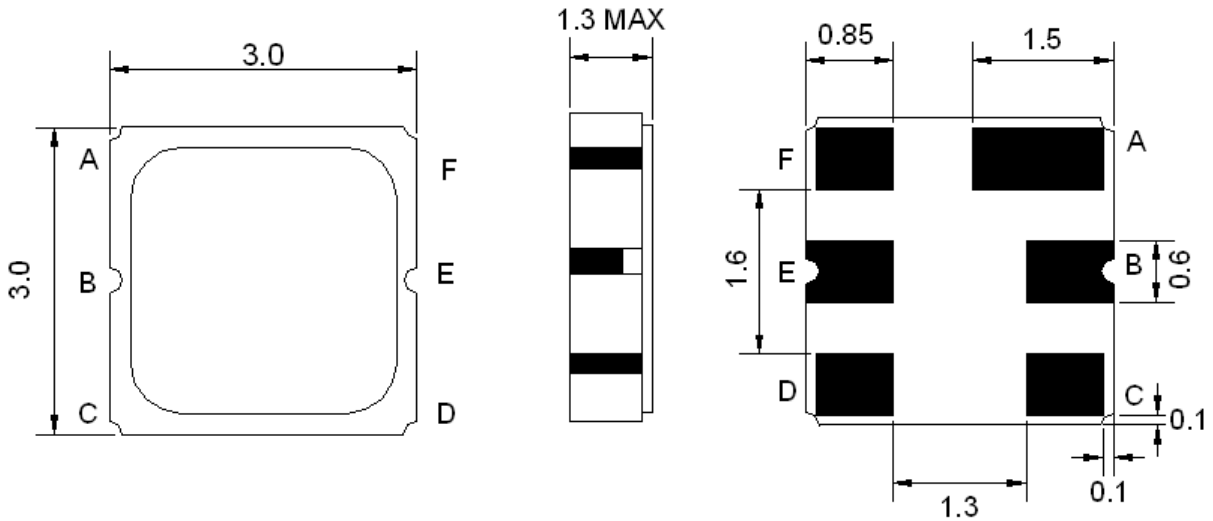


Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	1031.0	-
Insertion Loss	dB	-	2.5	3.0
Amplitude Ripple within 1028.0 ~ 1034.0 MHz	dB <sub>p-p</sub>	-	0.4	1.2
Group Delay Ripple within 1028.0 ~ 1034.0 MHz	dB	-	20	50
Absolute Group Delay at Fo	nsec	-	55	70
VSWR within 1028.0 ~ 1034.0 MHz	-	-	1.5	2.0
<b>Attenuation:</b>				
1008.0 MHz	dB	35	43	-
1052.0 MHz	dB	45	60	-
1113.0 MHz	dB	45	55	-

Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-40	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	20
Source Impedance (Single Ended) <sub>1</sub>	Ω	-	50	-
Load Impedance (Single Ended) <sub>1</sub>	Ω	-	50	-
Package Size	3.0 x 3.0 x 1.4 mm		M	

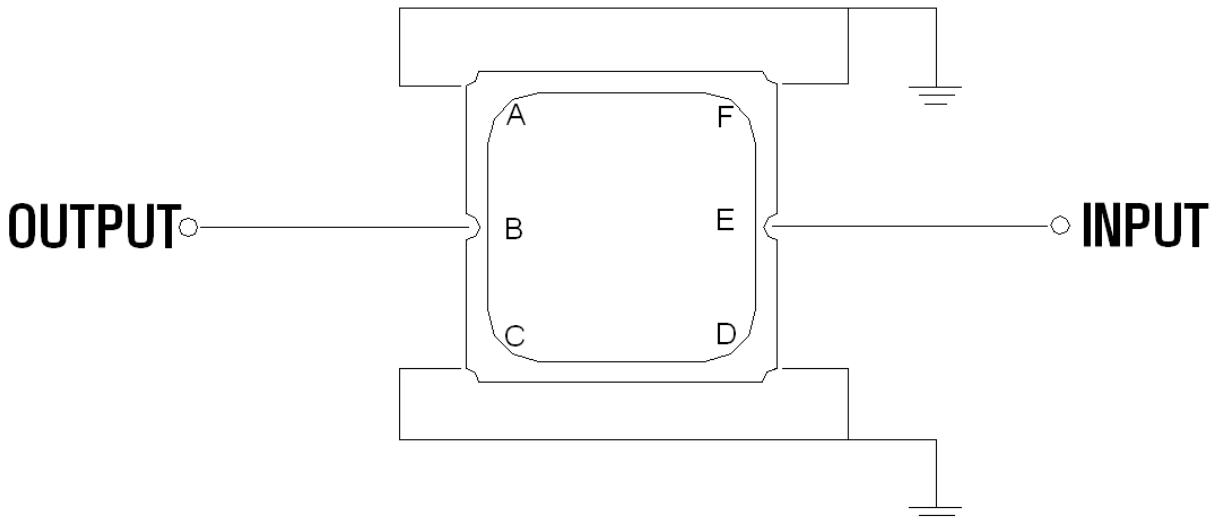


### Outline Drawing:



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

### Testing Environment:



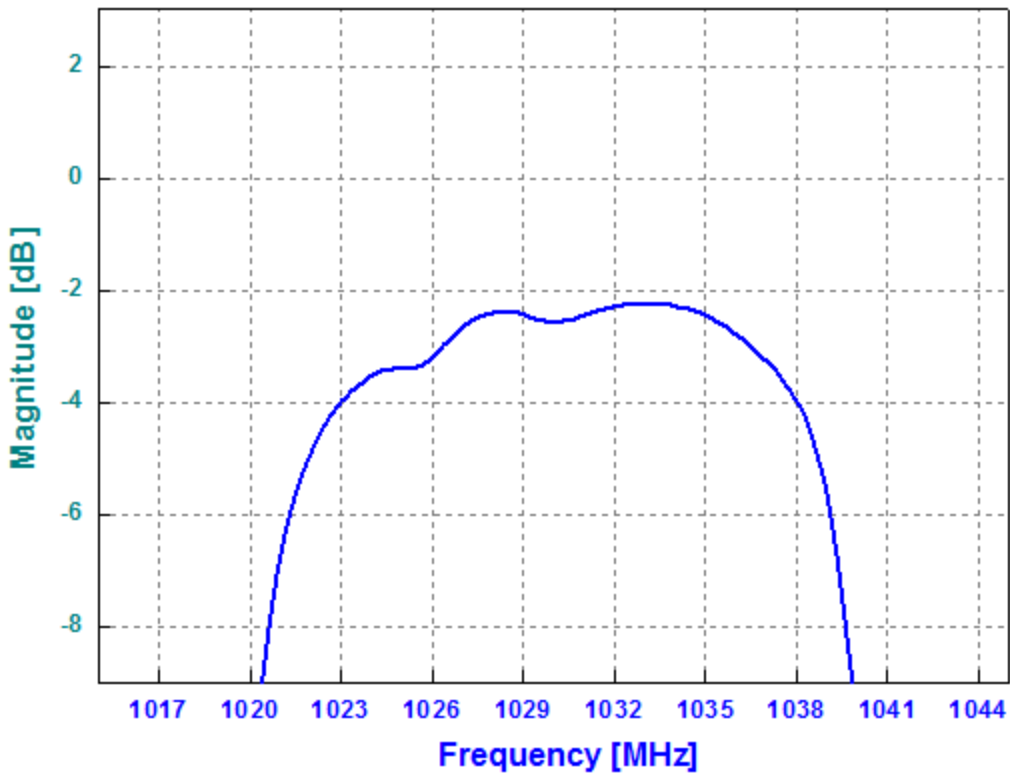
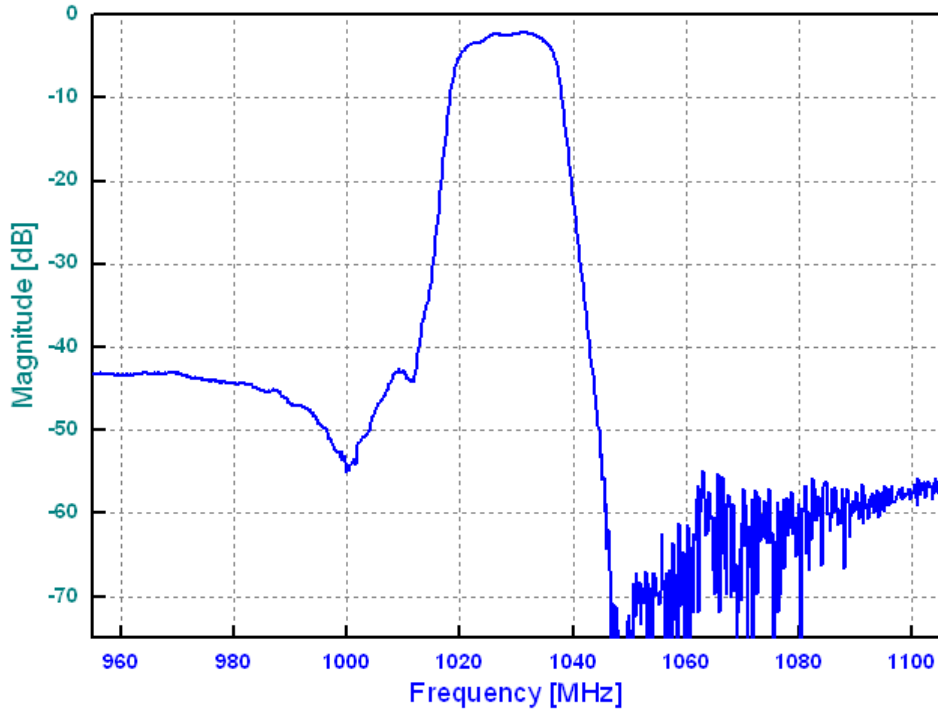


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## Response Plot:



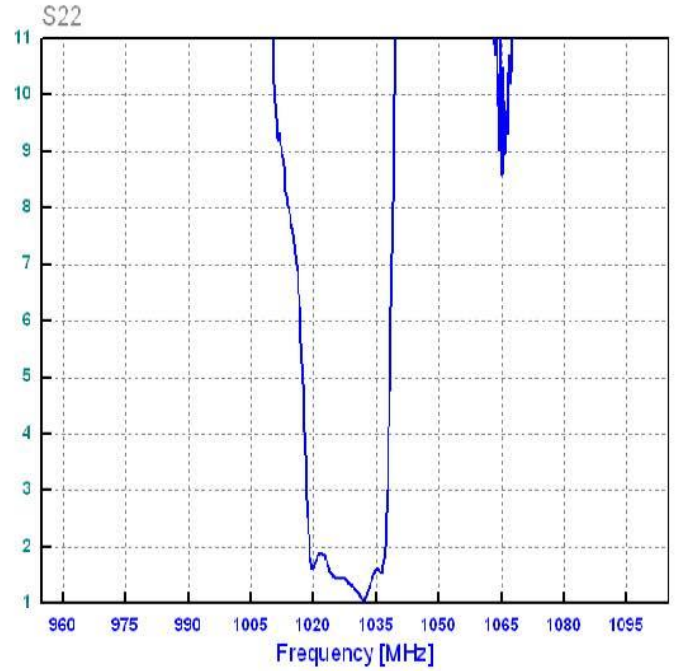
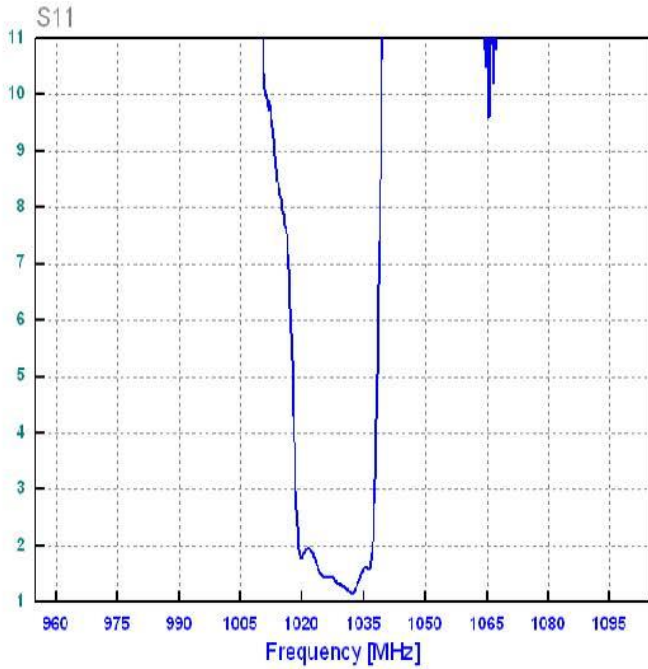


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## VSWR



## Smith chart

