



**942 MHz Saw Filter**  
**Part Number: AM942S157**

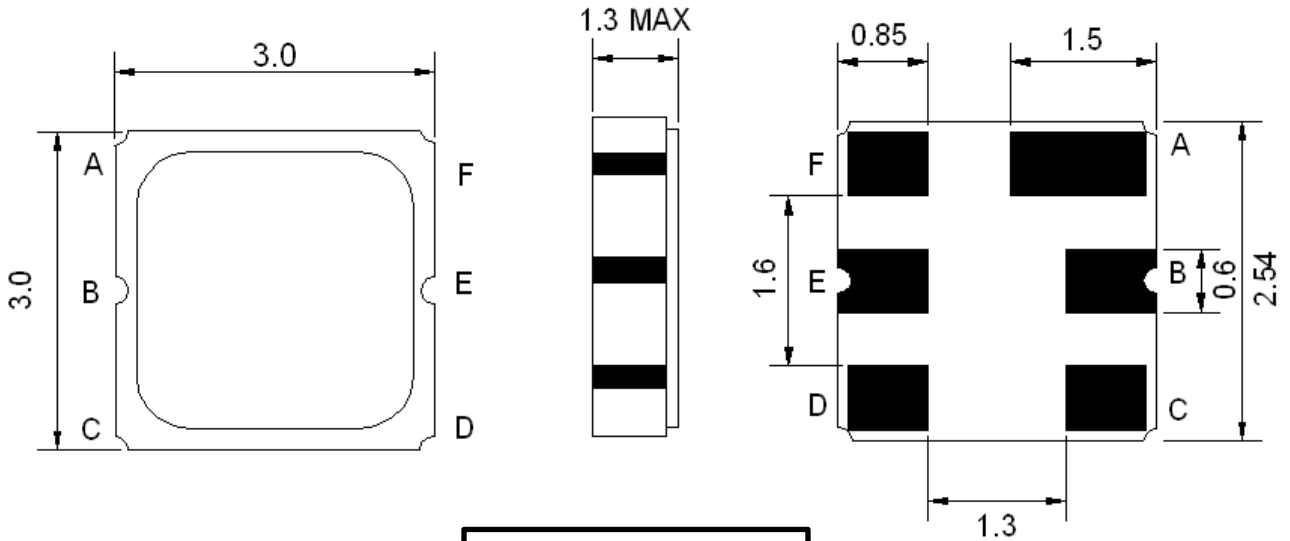


Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	942.5	-
Insertion Loss within 925.0 ~ 960.0 MHz	dB	-	2.5	3.0
Amplitude Ripple within 925.0 ~ 960.0 MHz	dB <sub>p-p</sub>	-	1.25	1.5
VSWR within 925.0 ~ 960.0 MHz	-	-	1.95	2.7
<b>Attenuation:</b>				
DC ~ 905 MHz	dB	17	23	-
905 ~ 915 MHz	dB	5	15	-
980 ~ 1000 MHz	dB	13	35	-
1000 ~ 2000 MHz	dB	20	25	-

Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-30	-	+85
Maximum Input Power	dBm	-	-	15
Source Impedance (Single Ended) <sub>1</sub>	Ω	-	50	-
Load Impedance (Single Ended) <sub>1</sub>	Ω	-	50	-
Package Size and Type	3.0 x 3.0 x 1.3 mm M			

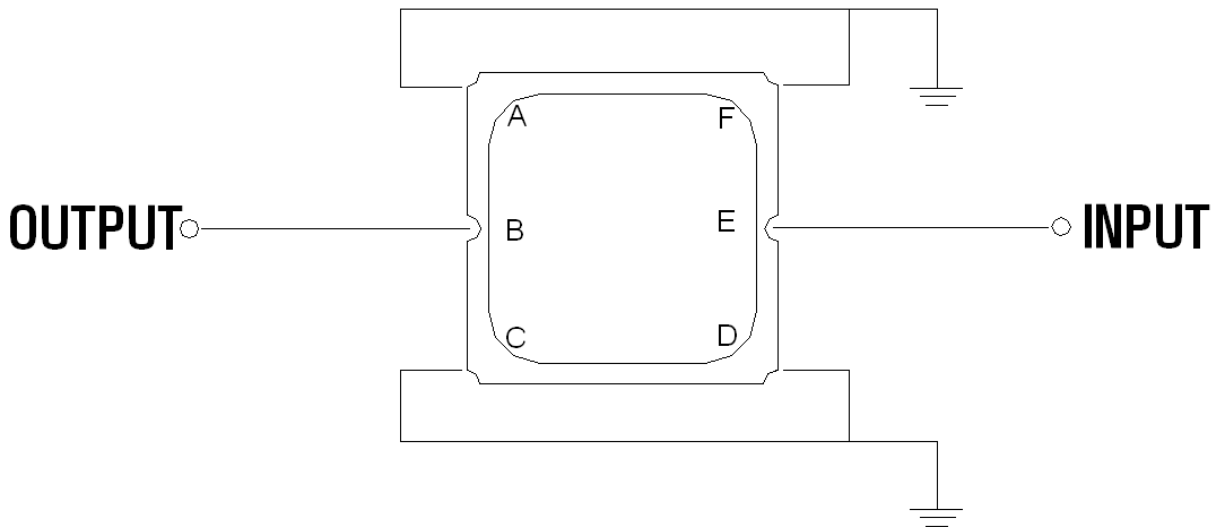


**Outline Drawing:**



**Pin Description:**  
Ground – A C D F  
In – E  
Out – B

**Testing Environment:**



Source & Load Impedance: 50 Ω

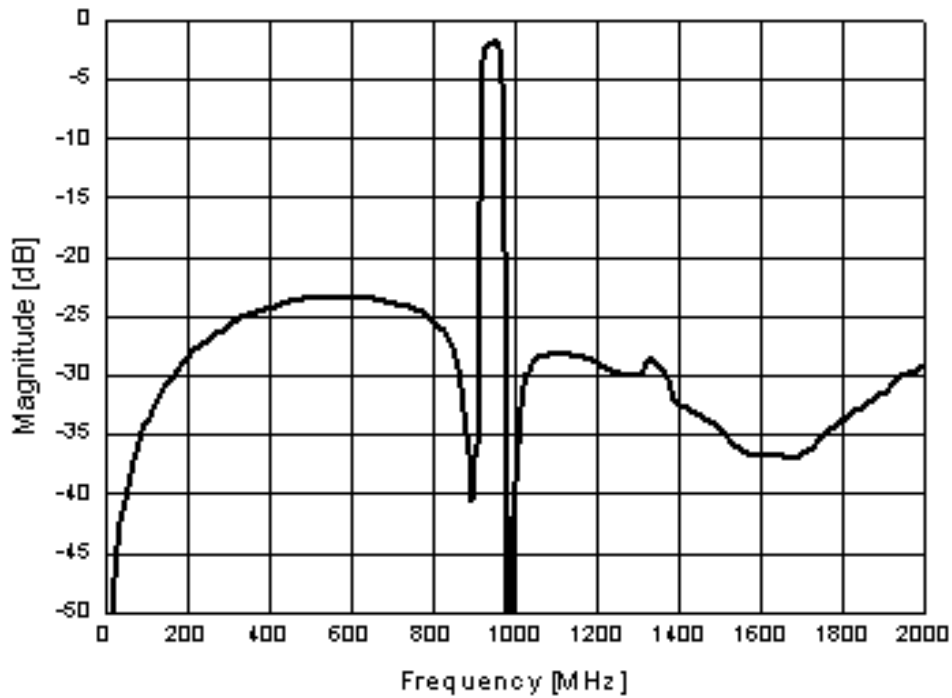
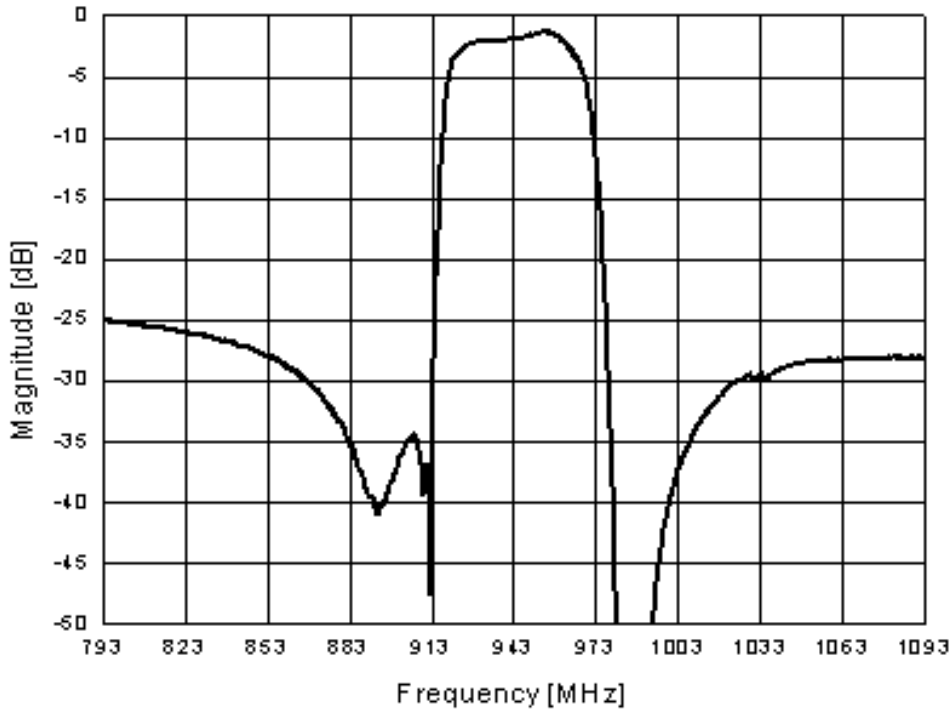


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### Response Plot:



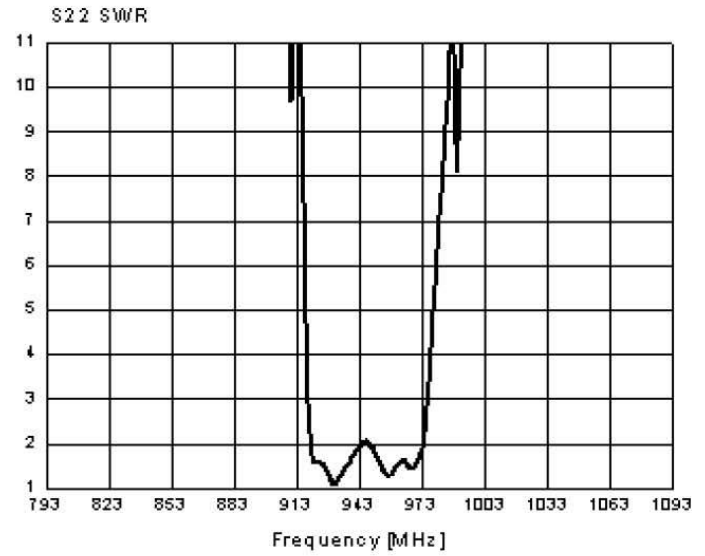
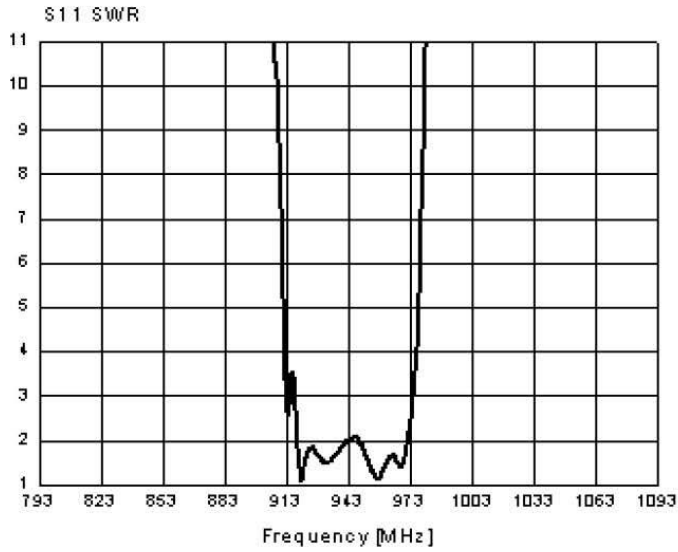


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### VSWR



### Smith Chart

