



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

978 MHz Wireless, RF Saw Filter

Part Number: AM978S545



Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	978.0	-
Insertion Loss within 962 ~ 994 MHz	dB	-	3.0	4.0
Amplitude Ripple within 962 ~ 994 MHz	dBp-p	-	0.9	1.8
VSWR within 962 ~ 994 MHz	-	-	1.7	2.5
Attenuation:				
DC ~ 900 MHz	dB	40	47	-
900 ~ 930.0 MHz	dB	35	45	-
1030 ~ 2000 MHz	dB	25	38	-

Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	0	-	+50
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	10
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			



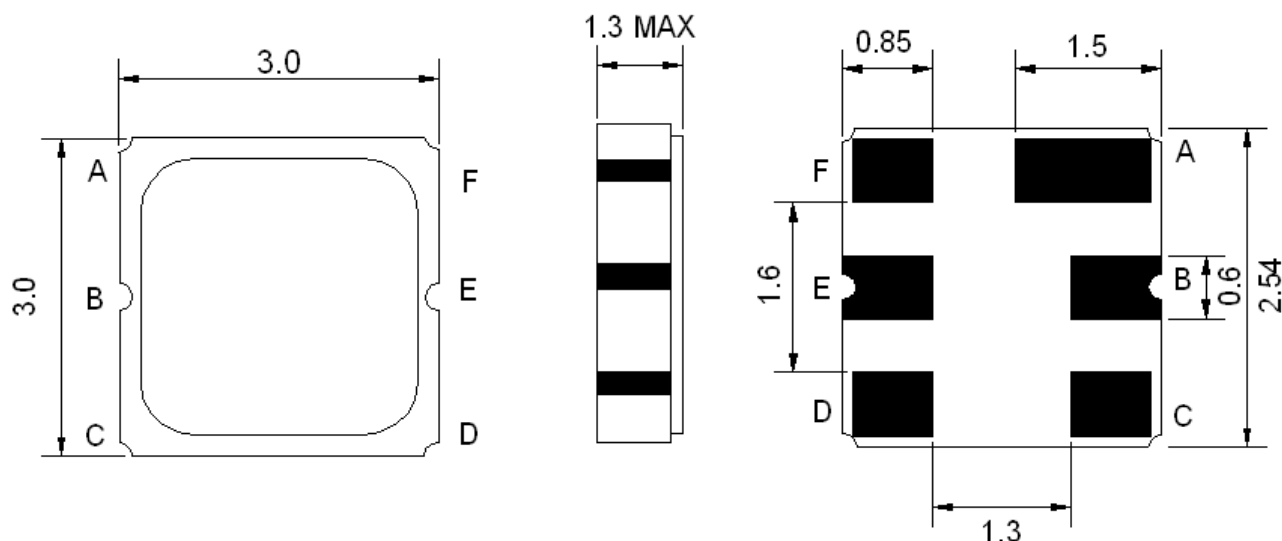
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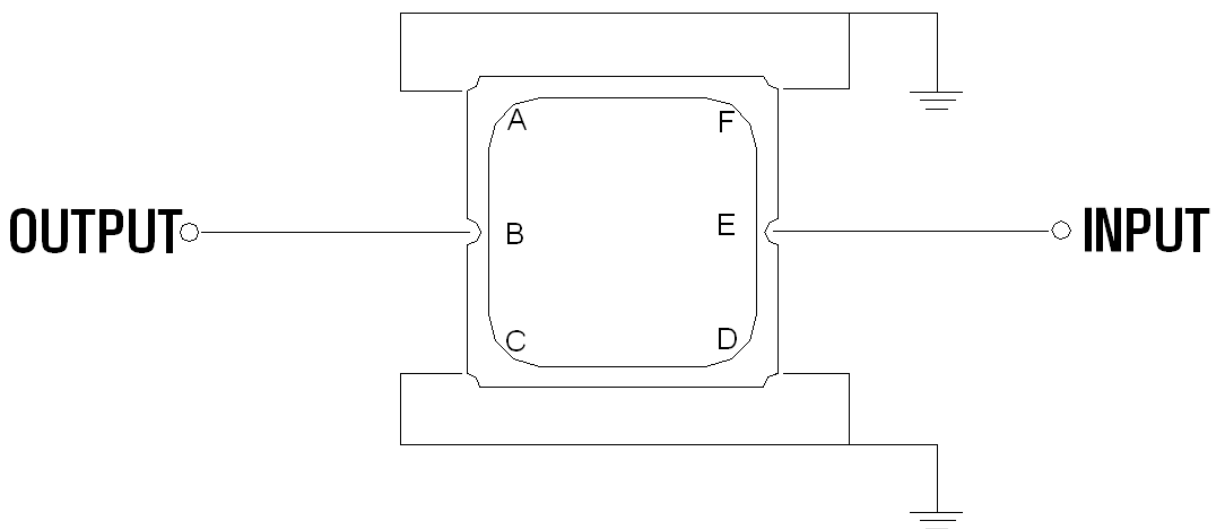
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Outline Drawing:



Testing Environment:



Source & Load Impedance: 50 Ω



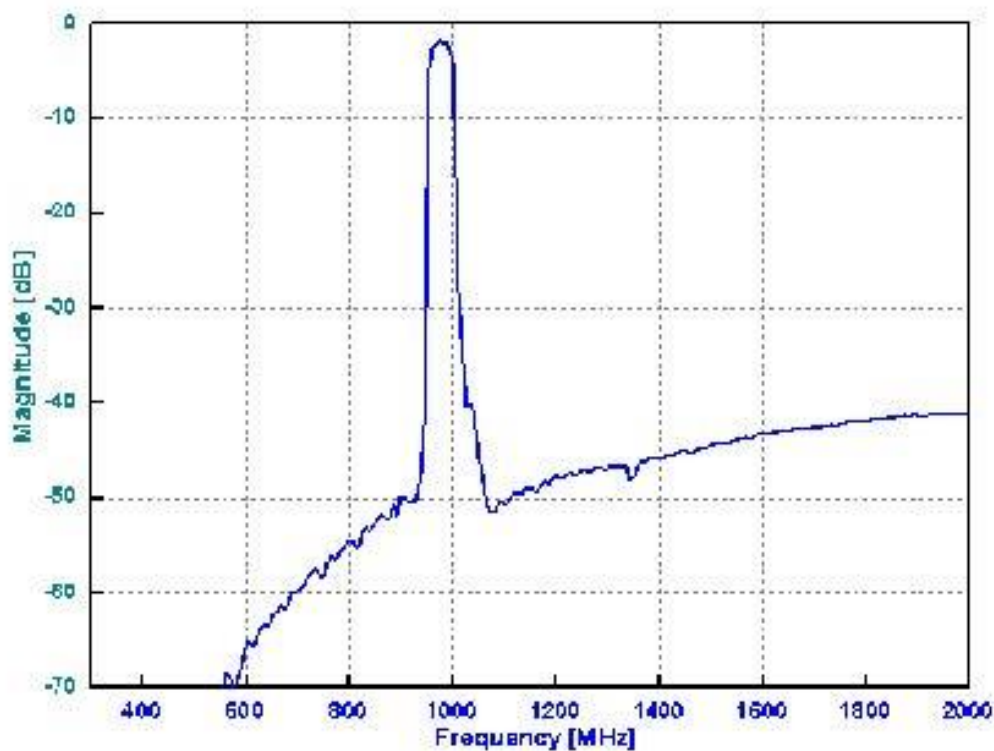
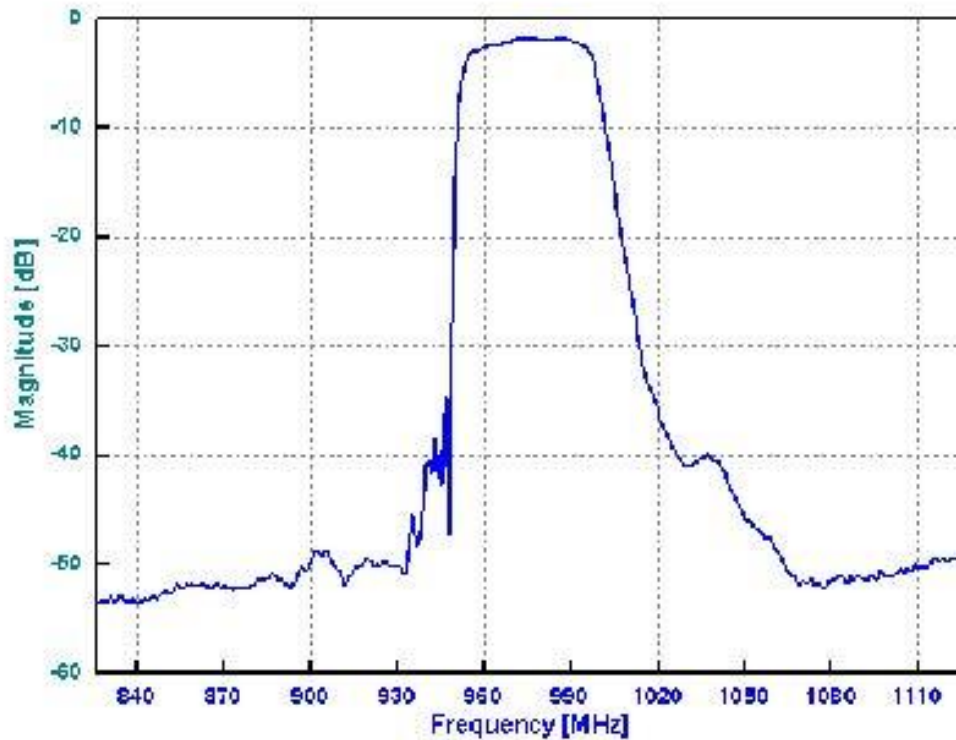
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Response Plot:





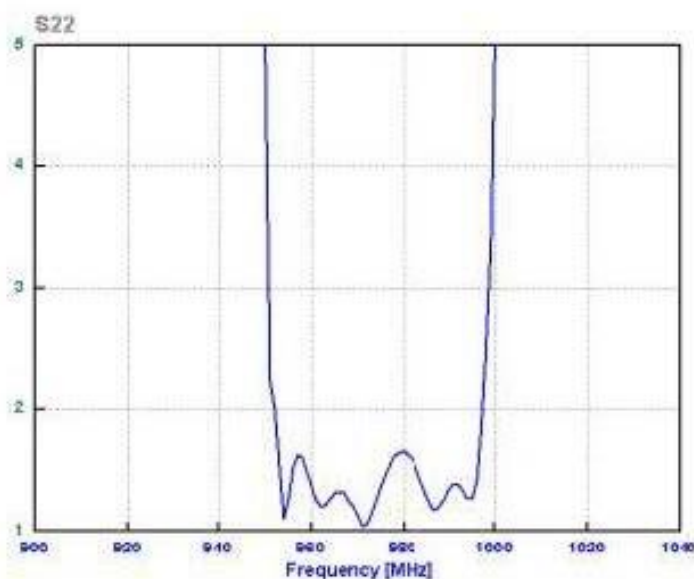
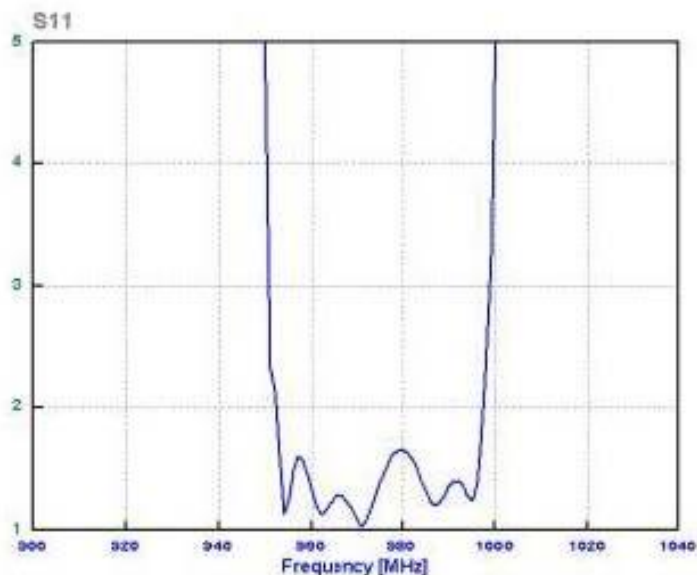
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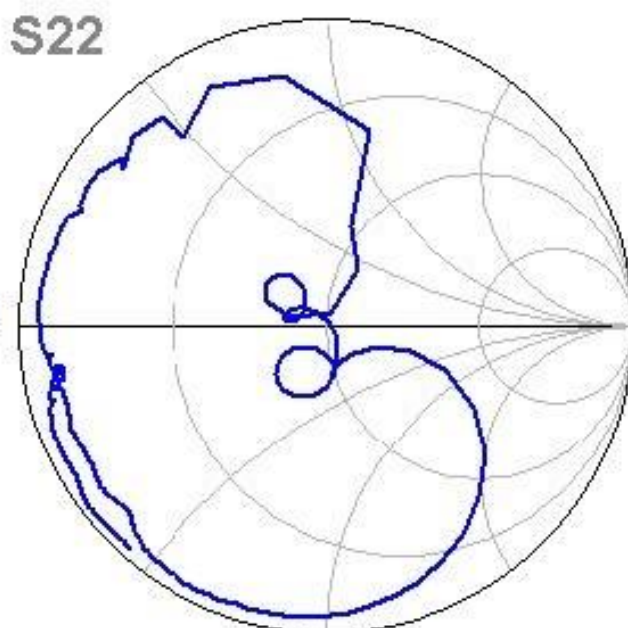
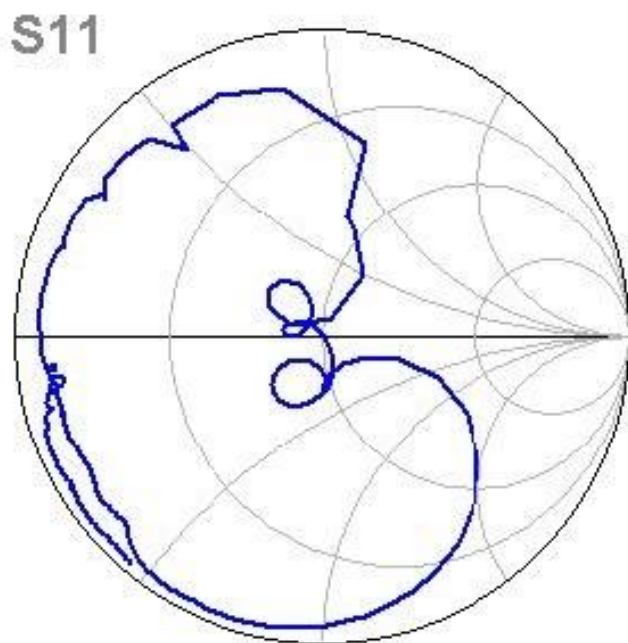
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VSWR



Smith Chart





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Footprint:

