



953 MHz RF Bandpass Saw Filter

Part Number: AM953S543



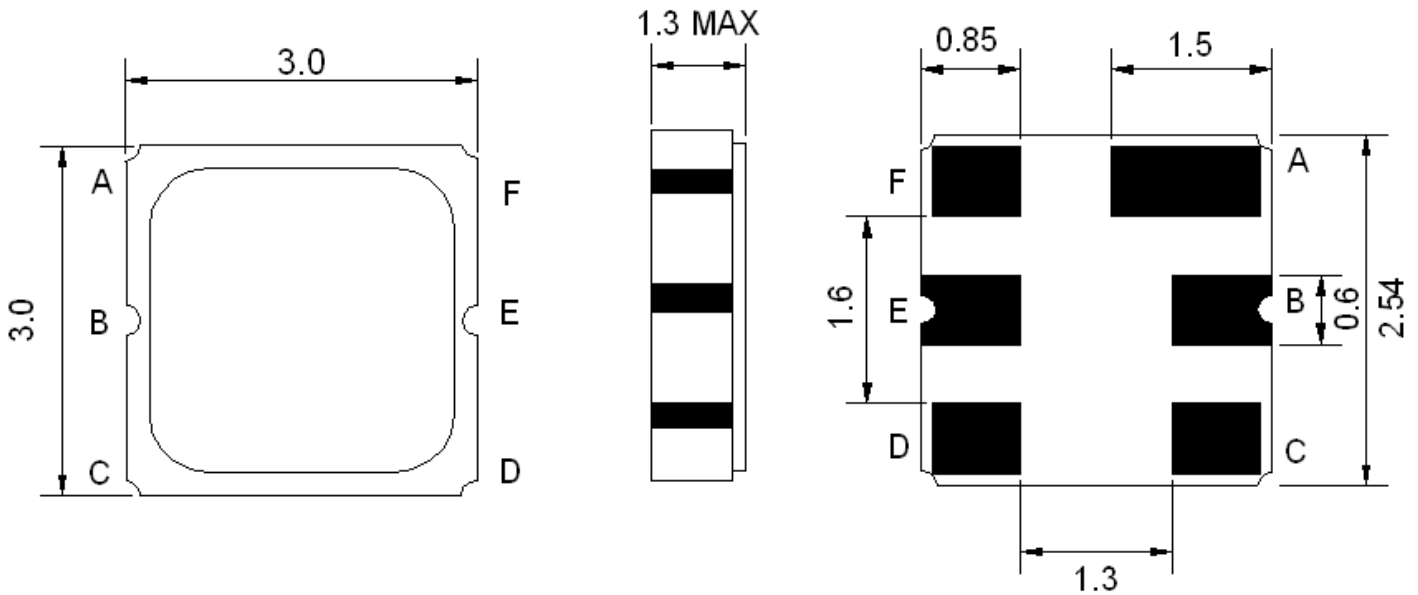
ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	953.0	-
Insertion Loss within 952.0 ~ 954.0 MHz	dB	-	3.9	5.0
Amplitude Ripple within 952.0 ~ 954.0 MHz	dB _{p-p}	-	0.5	1.5
VSWR within 952.0 ~ 954.0 MHz	-	-	1.4	2.0
Attenuation:				
0.3 ~ 873.0 MHz	dB	50	55	-
873.0 ~ 936.0 MHz	dB	43	47	-
936.0 ~ 945.0 MHz	dB	10	35	-
1000 ~ 1500 MHz	dB	30	40	-
1500 ~ 2000 mhz	dB	35	42	-

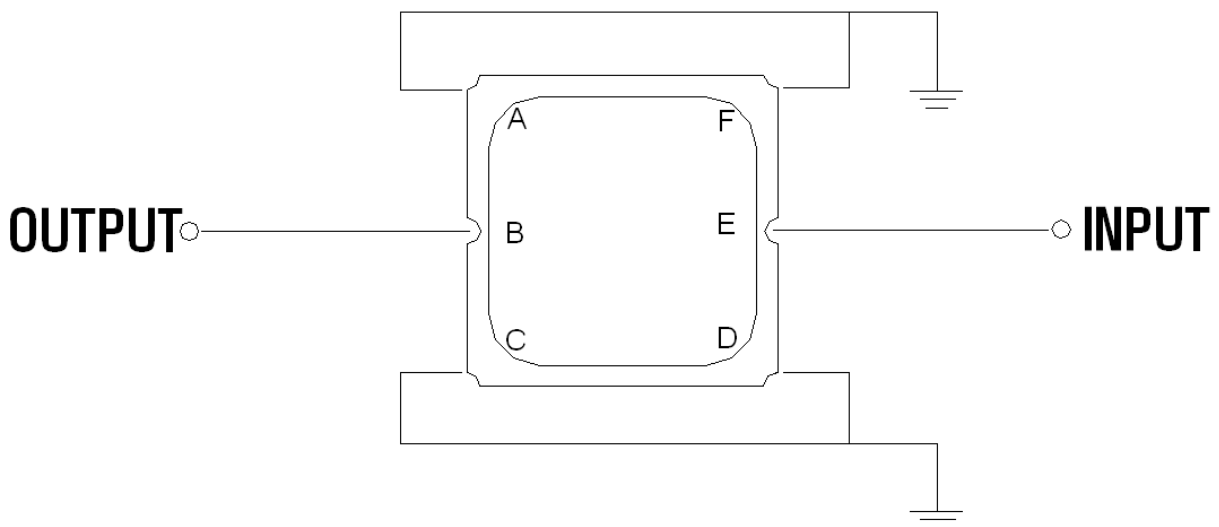
Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-10	-	+60
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	5
Maximum Input Power	dBm	-	-	15
Source Impedance (Single Ended) ₁	Ω	-	50	-
Load Impedance (Single Ended) ₁	Ω	-	50	-
Package Size and Type	3.0 x 3.0 x 1.3 mm M			



Outline Drawing:



Testing Environment:



Source & Load Impedance: 50 Ω

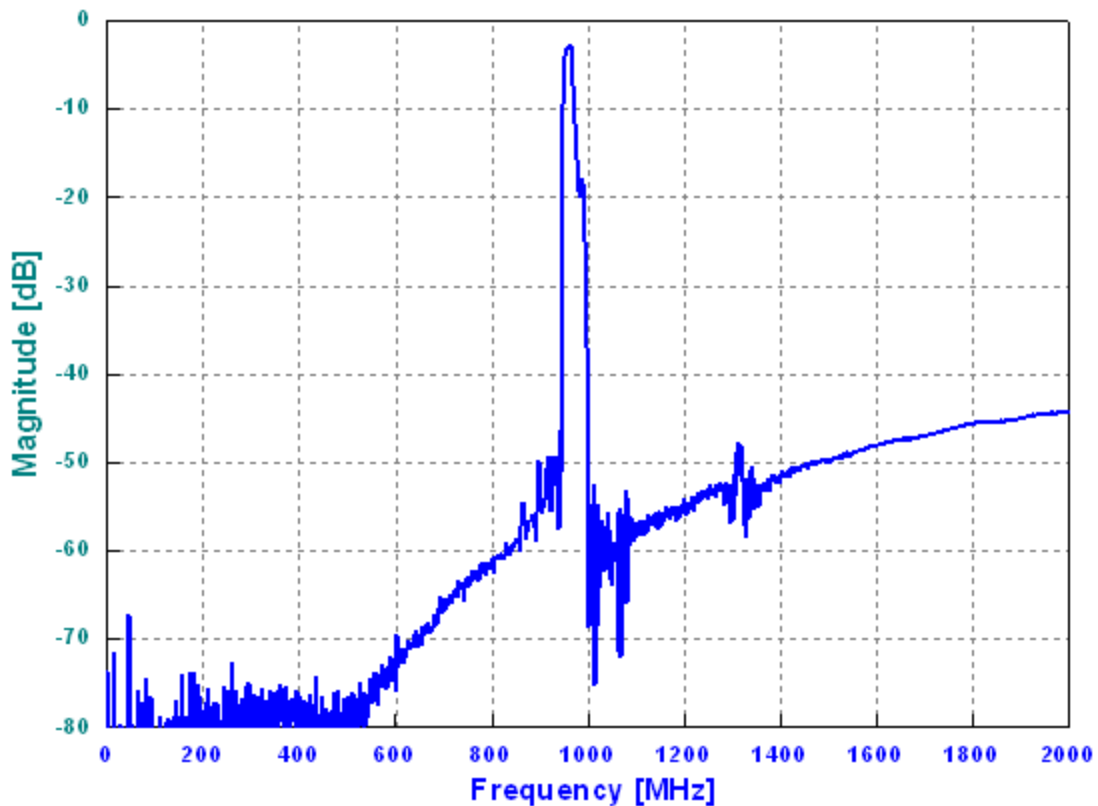
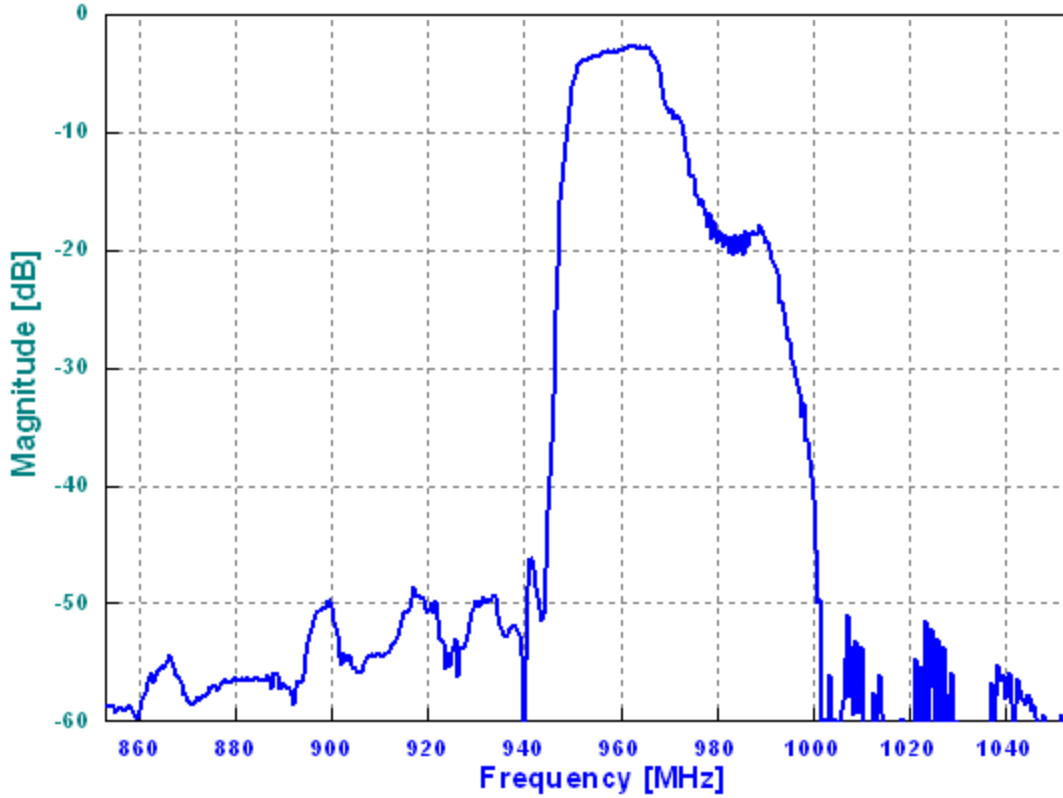


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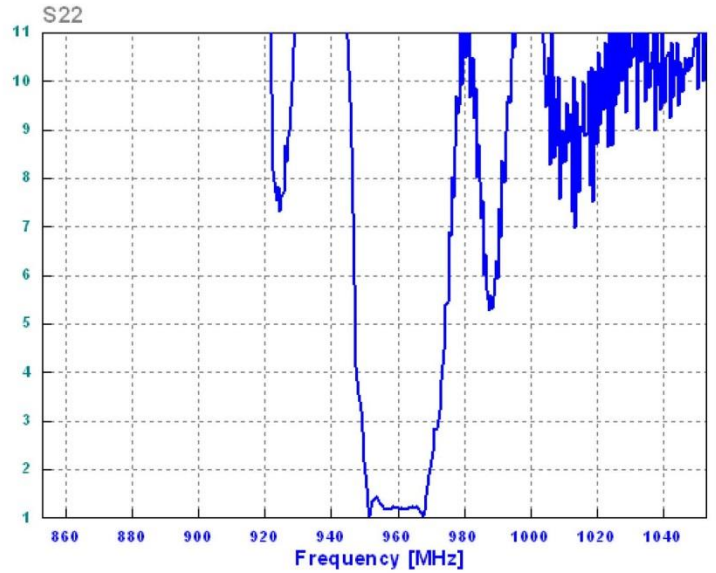
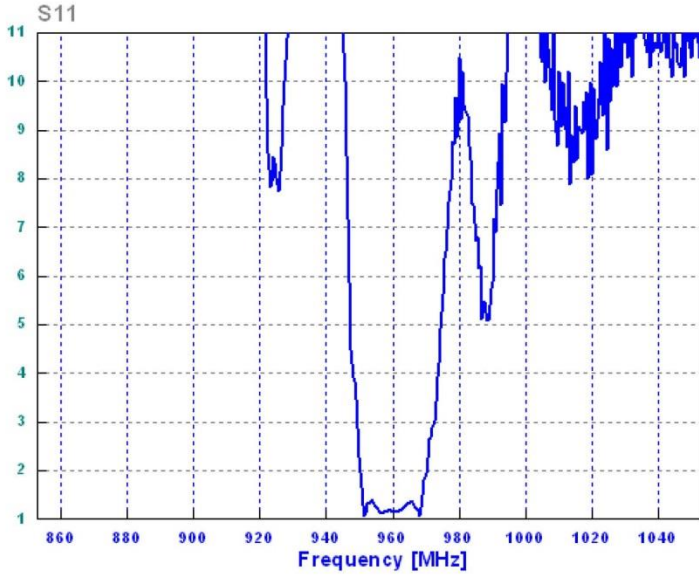


Response Plot:





VSWR



Smith Chart

