



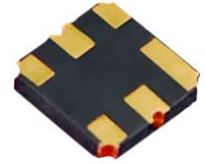
ANATECH ELECTRONICS, INC.

Manufacturer of RF & Microwave Products



2535 MHz RF Saw Filter

P/N: AM2535S823



Parameters Description	Minimum	Typical	Maximum
Center Frequency (Fo)	-	2535.0 MHz	-
Insertion Loss within 2500.0 ~ 2570.0 MHz	-	2.5 dB	3.5 dB
Amplitude Ripple within 2500.0 ~ 2570.0 MHz	-	1.3 dBp-p	2.0 dBp-p
Attenuation:			
200.0 ~ 225.0 MHz	30 dB	42 dB	-
D.C~ 2400.0 MHz	23 dB	32 dB	-
2070.0 ~ 2110.0 MHz	30 dB	38 dB	-
2110.0 ~ 2170.0 MHz	35 dB	40 dB	-
2185.0 ~ 2260.0 MHz	28 dB	40 dB	-
2390.0 ~ 2470.0 MHz	5 dB	10 dB	-
VSWR within 2500.0 ~ 2570.0 MHz	-	1.8	2.3
Operating Temperature Range	-20°C	-	+85°C
Storage Temperature Range	-40°C	-	+85°C
Maximum DC Voltage	-	-	0 V
Maximum Input Power	-	-	10 dBm
Source Impedance (single ended)(1)	-	50 Ω	-
Load Impedance (single ended)(1)	-	50 Ω	-
Package type & size	M		
Length x Width	-	3.0 x 3.0 mm ²	-
Height	-	-	1.3 mm

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

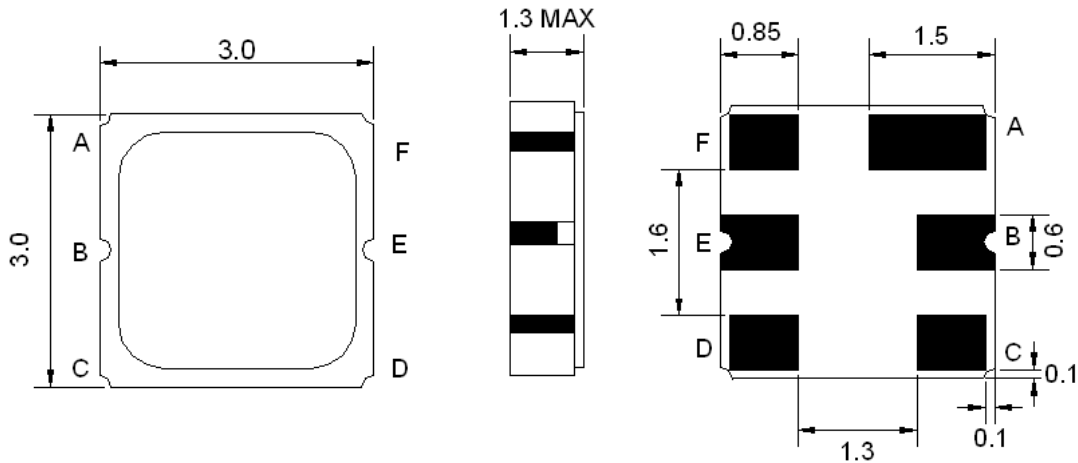
(2) Insertion Loss is excluding PCB Loss. (PCB Loss, 0.2dB)



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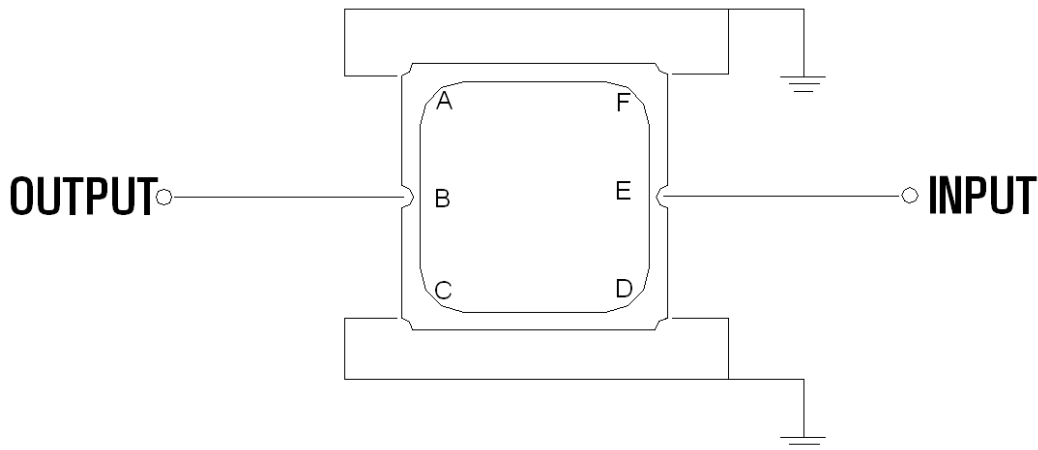
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Dimensions:



Pin Description	
A, C, D, F	Ground
E	In
B	Out

Testing Environment:



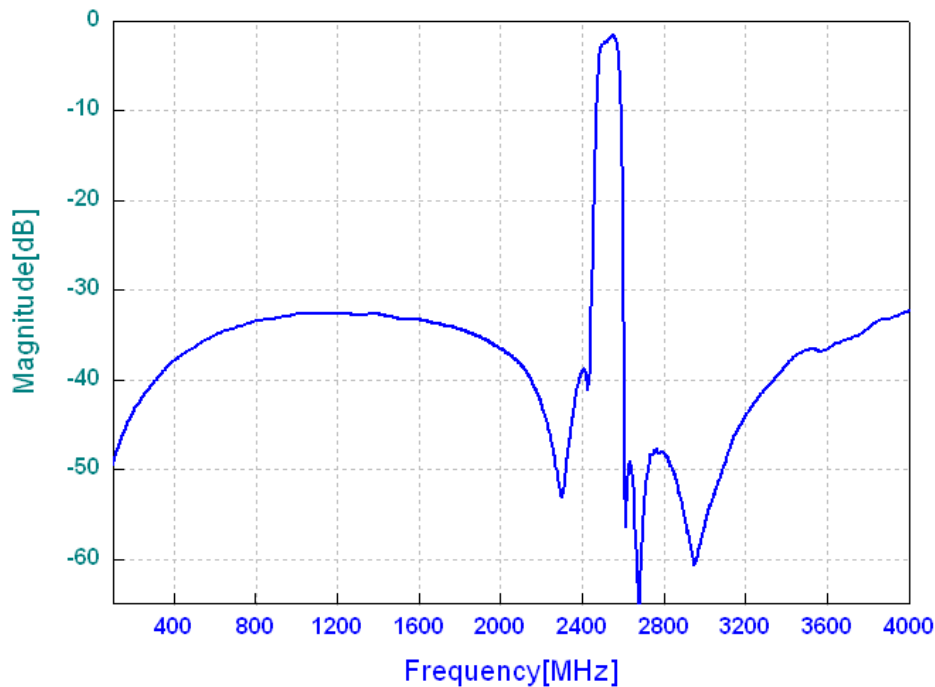
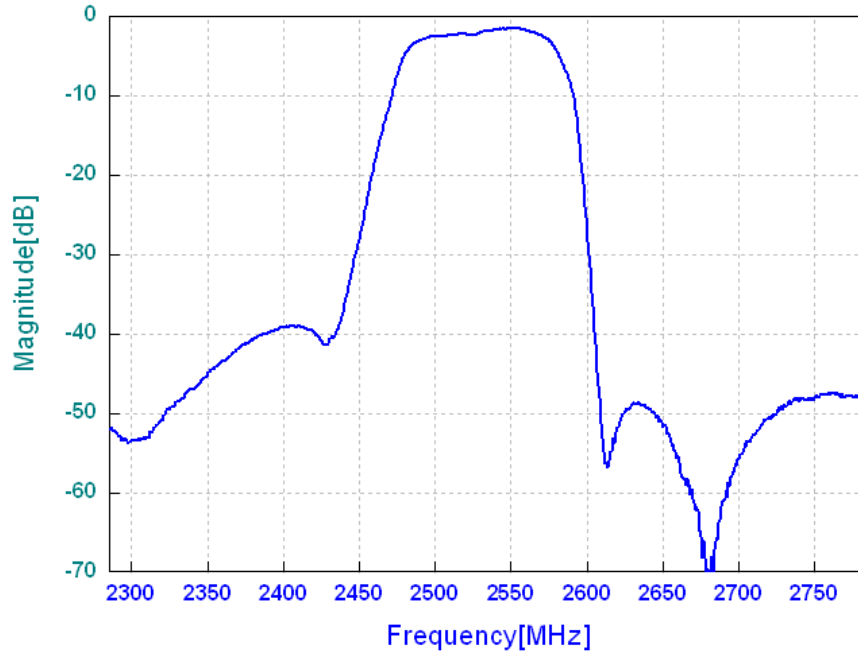
Source & Load Impedance: 50 Ω



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Frequency Characteristics:

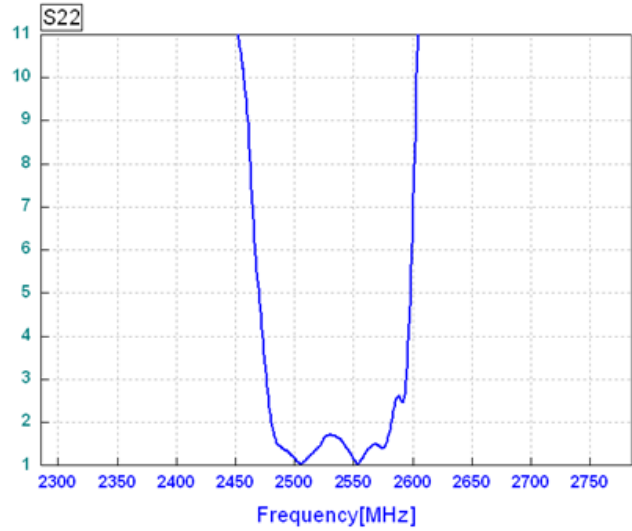
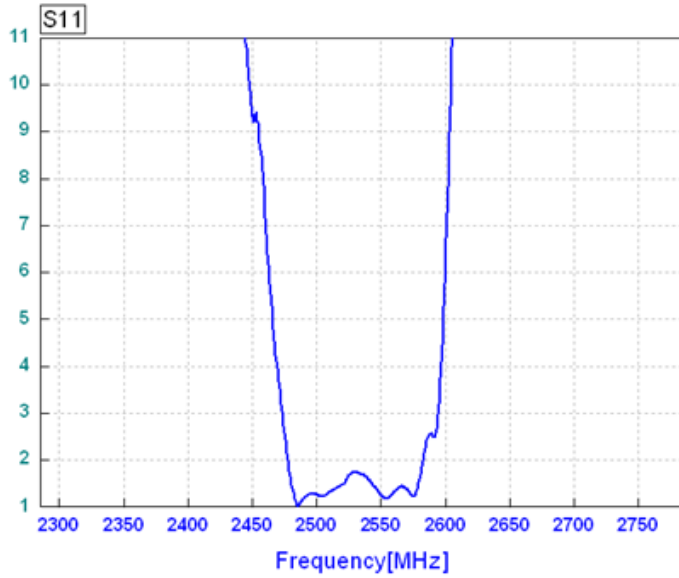




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VSWR:



Smith Chart:

