



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1567.5 MHz Saw Filter

Part Number: AM1567S817



Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	1567.5	-
Insertion Loss within 1525 ~ 1610 MHz	dB	-	2.8	4.0
Amplitude Ripple within 1525 ~ 1610 MHz	dBp-p	-	1.0	2.0
Group Delay Ripple within 1525 ~ 1610 MHz	nSp-p	-	1.5	30
Return Loss within 1525 ~ 1610 MHz	dB	9	11	-
Attenuation:				
DC ~ 1450 MHz	dB	19	20	-
1650 ~ 2000 MHz	dB	5	5.5	-

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	-	-	10
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 M1			



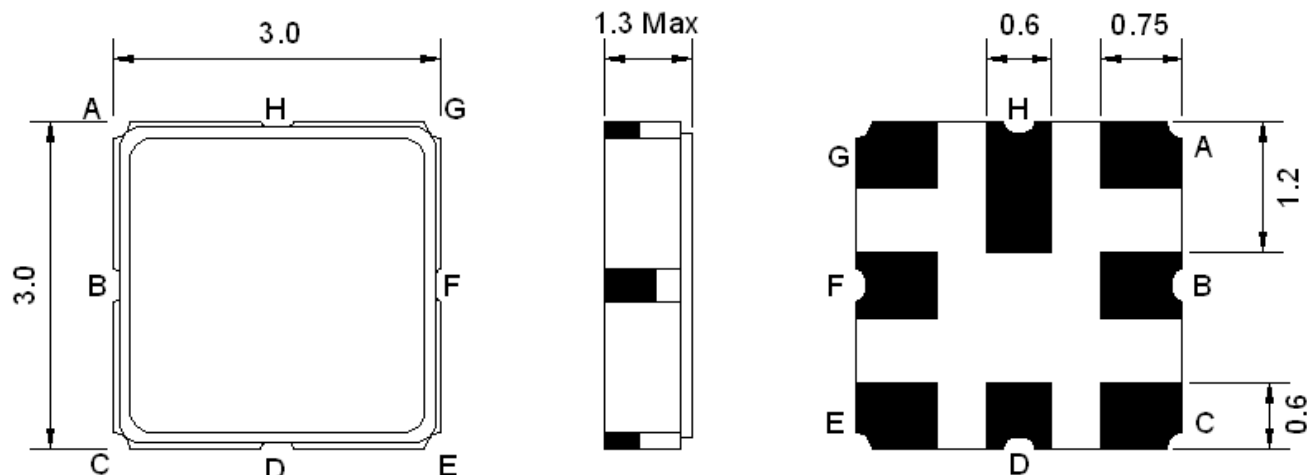
ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1567.5 MHz Saw Filter

Part Number: AM1567S817



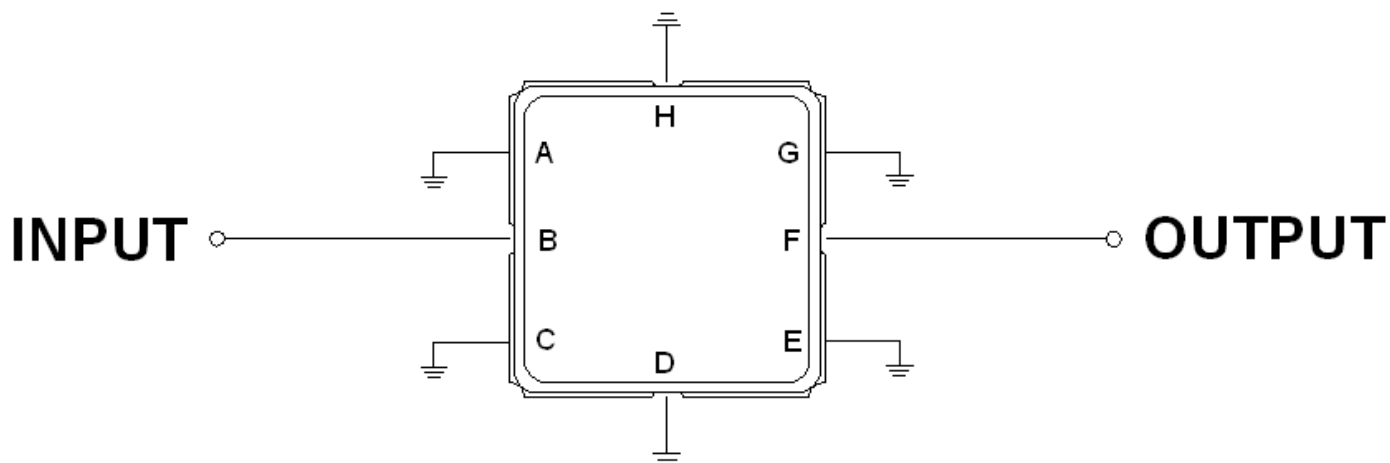
Outline Drawing:



Pin Description:

Ground – A C D E G
Input – B
Output – F

Testing Environment:



Source/Load Impedance: 50 Ω



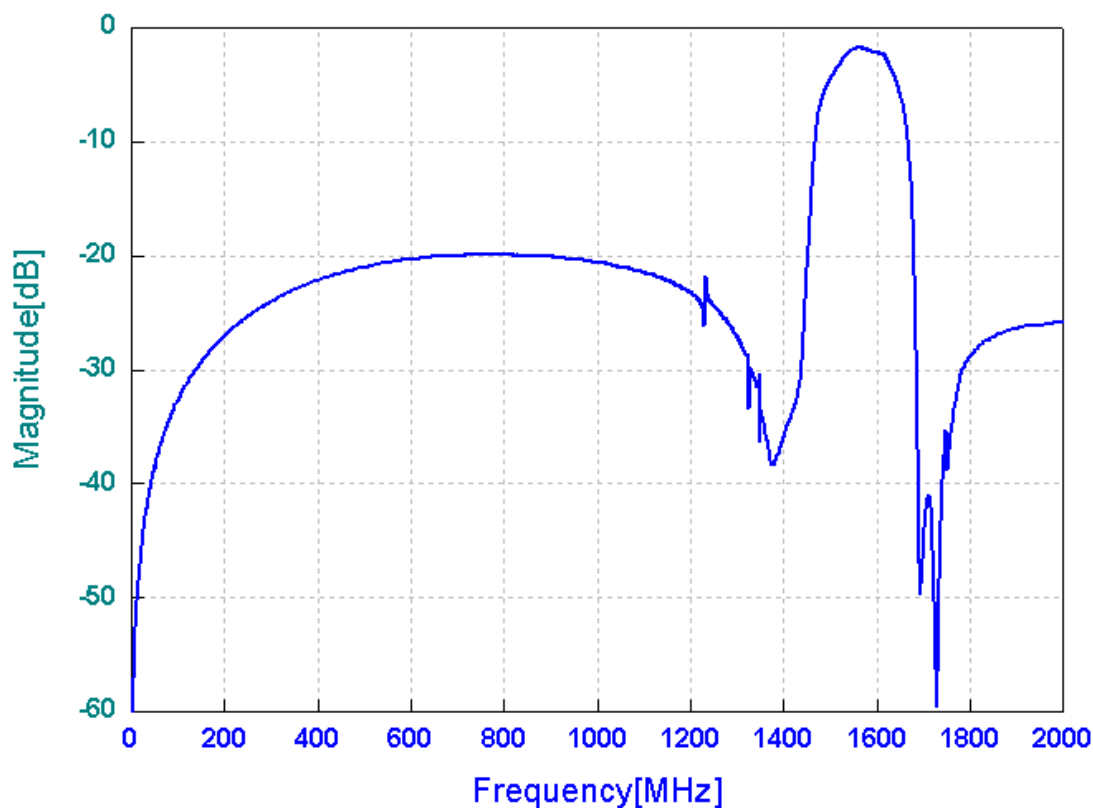
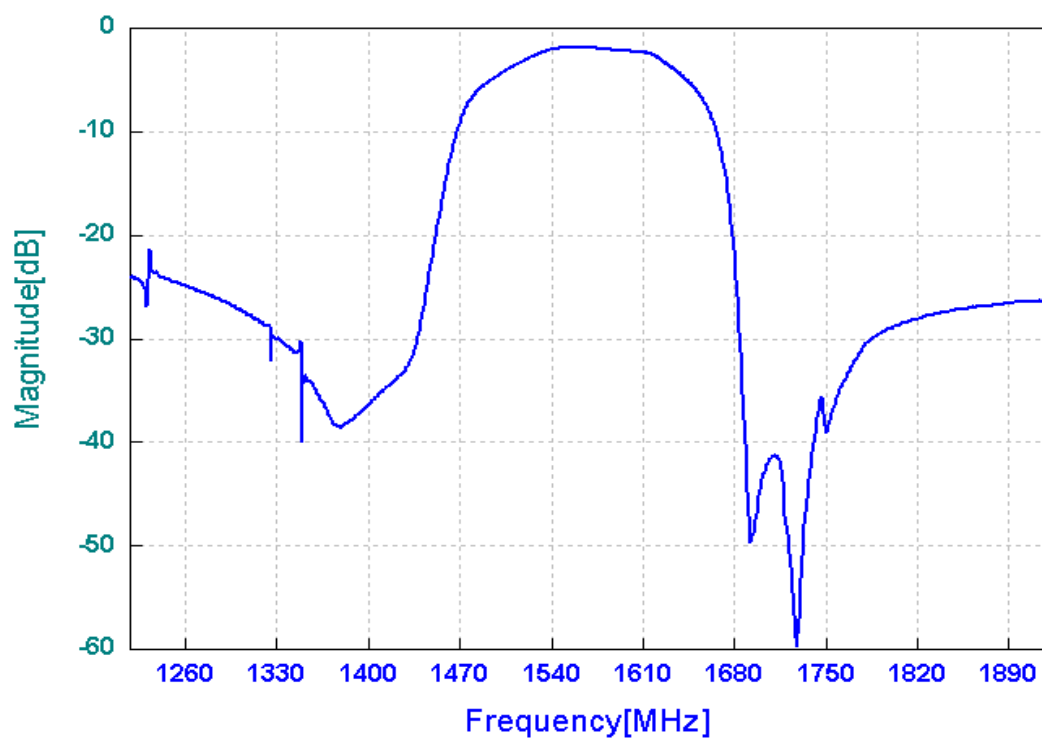
ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1567.5 MHz Saw Filter

Part Number: AM1567S817



Response Plot:





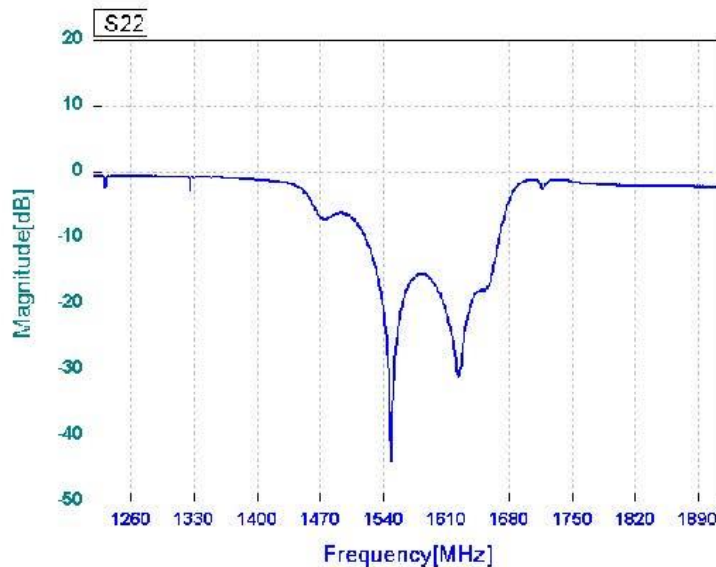
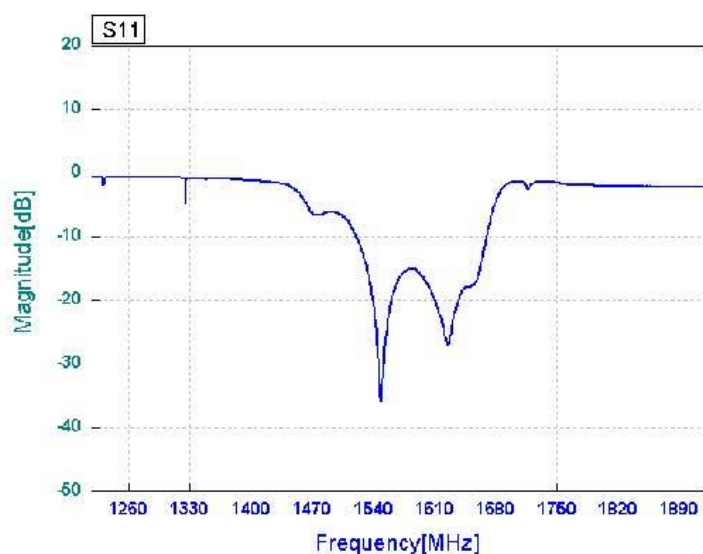
ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1567.5 MHz Saw Filter

Part Number: AM1567S817



Return Loss:



Smith Chart:

