



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1538 MHz Wireless RF Saw Filter

Part Number: AM1538S371

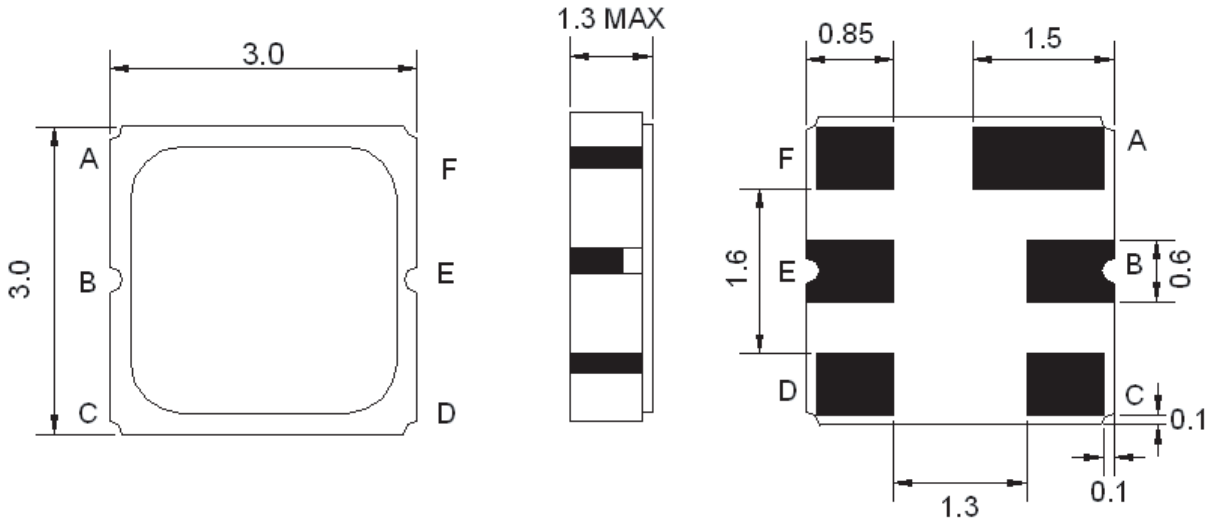


Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	1538.5	-
Insertion Loss within 1523.0 ~ 1553.0 MHz	dB	-	3.4	4.2
Amplitude Ripple within 1523.0 ~ 1553.0 MHz	dB _{p-p}	-	0.7	2.0
VSWR within 1523.0 ~ 1553.0 MHz	-	-	1.7	2.3
Attenuation:				
DC ~ 1425.0 MHz	dB	40	52	-
1425.0 ~ 1485.0 MHz	dB	20	27	-
1600.0 ~ 1630.0 MHz	dB	27	38	-
1630.0 ~ 3000.0 MHz	dB	15	23	-

Parameters Description	Unit	Minimum	Typical	Maximum
Operation Temperature Range	°C	-30	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
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	



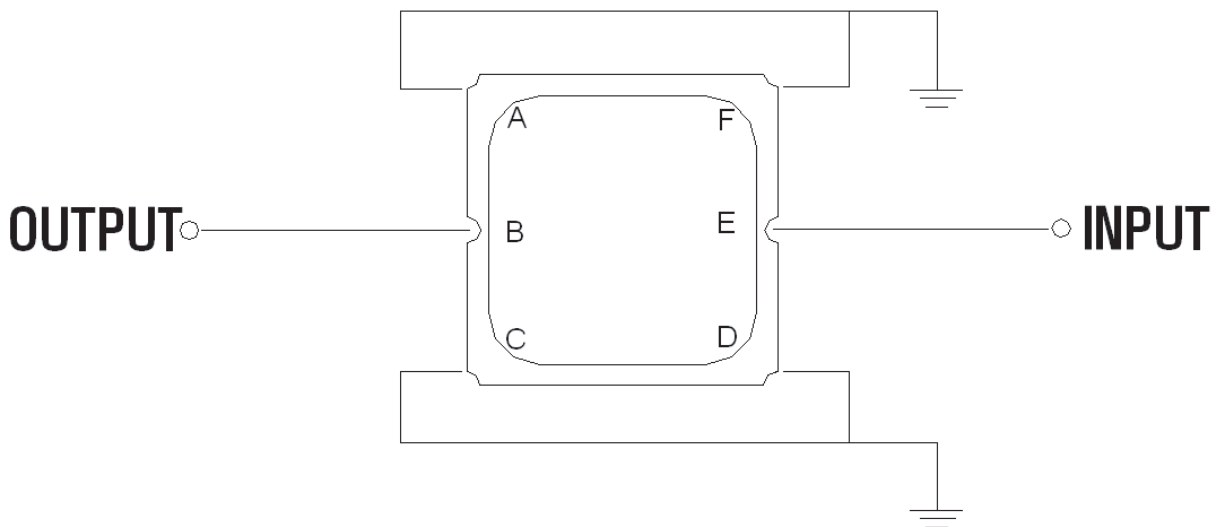
Outline Drawing:



Pin Description:

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

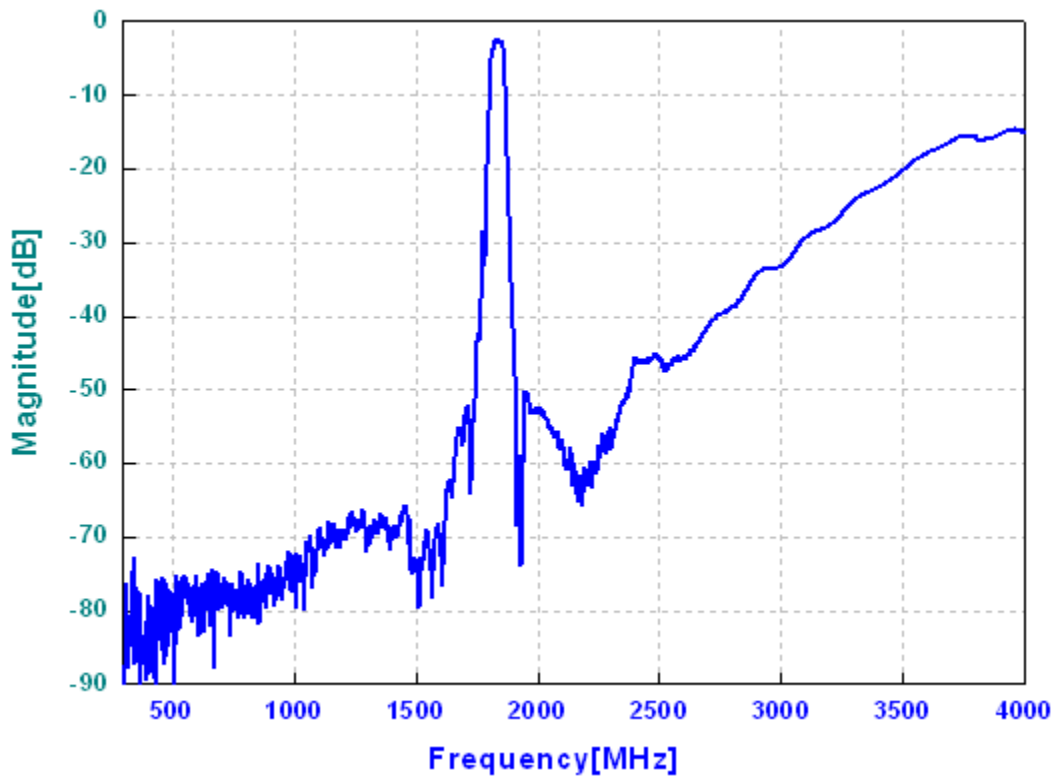
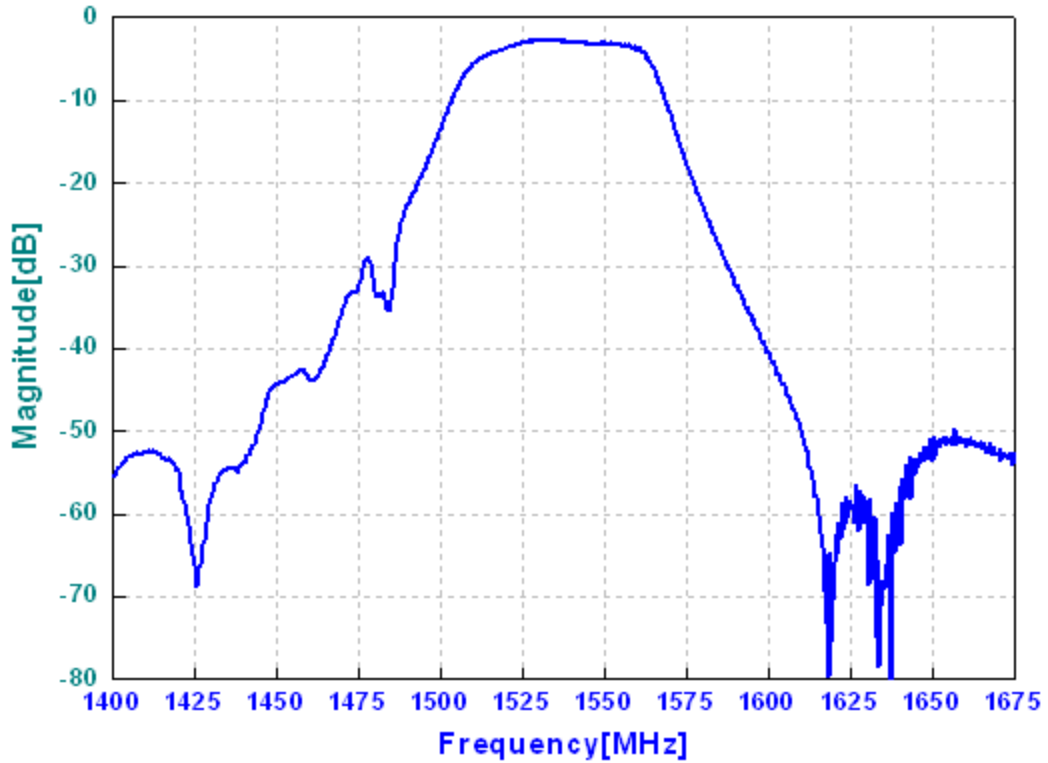
Testing Environment:



Source/Load Impedance: 50 Ω

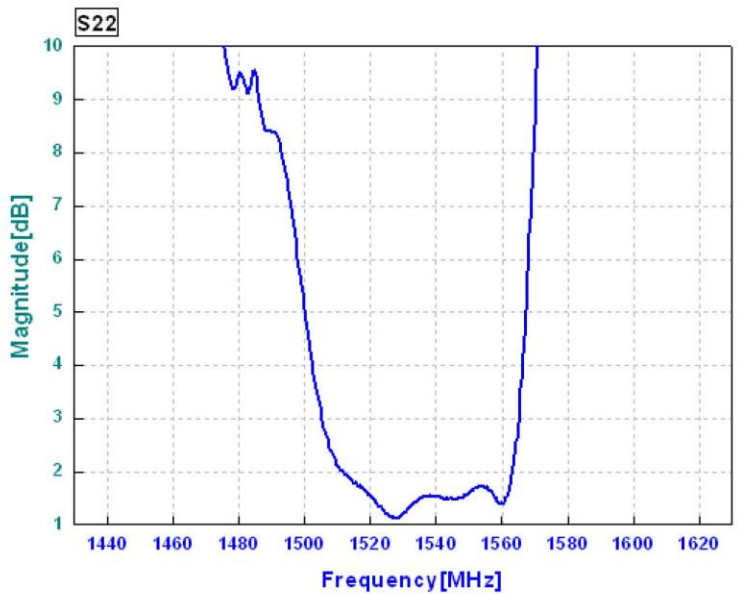
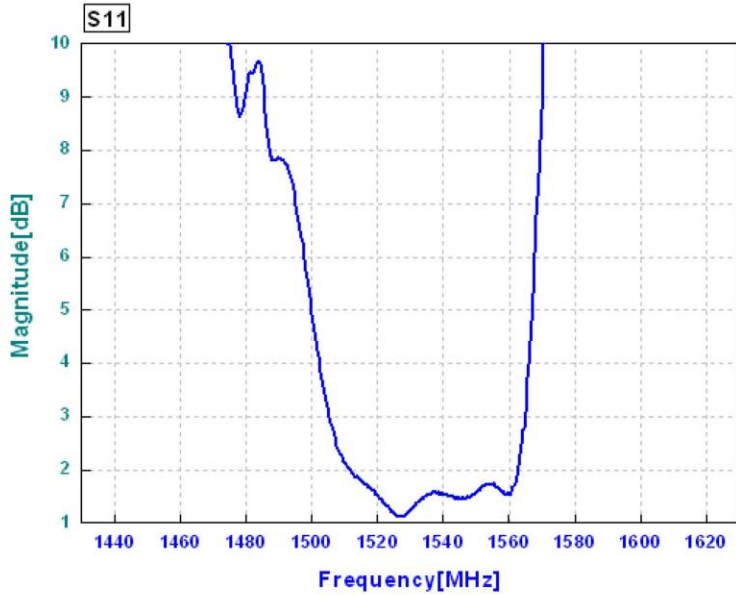


Response Plot:





VSWR



Smith Chart

