

- Wireless, RF SAW Filter
- Revision 0: April 2012

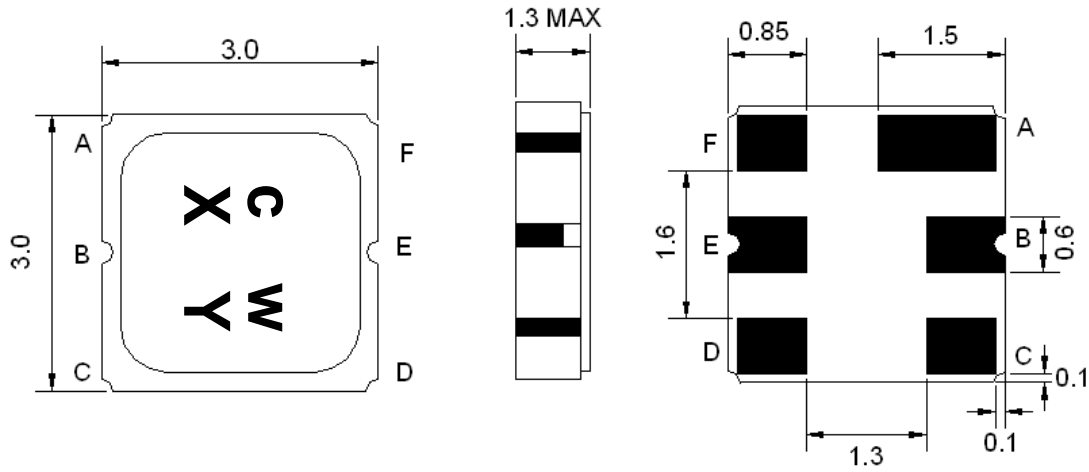
## Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	0	-	+50
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	0
Source Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Load Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Package type & size	M			
Length x Width	mm <sup>2</sup>	-	3.0 x 3.0	-
Height	mm	-	-	1.3

ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	542.0	-
Insertion Loss within 536.0 ~ 548.0 MHz	dB	-	1.6	3.0
Amplitude Ripple within 536.0 ~ 548.0 MHz	dB <sub>p-p</sub>	-	0.7	1.5
Return Loss within 536.0 ~ 548.0 MHz	dB	9	10	-
<b>Attenuation:</b>				
1078.0 ~ 1090.0 MHz (2 <sup>nd</sup> Harmonic Rejection)	dB	40	50	-
1620.0 ~ 1632.0 MHz (3 <sup>rd</sup> Harmonic)	dB	33	41	-
704.5 ~ 716.5 MHz (Tx LO Rejection)	dB	45	60	-
873.0 ~ 885.0 MHz (Tx Image Rejection)	dB	40	55	-
900.0 ~ 3000.0 MHz (High Side Rejection)	dB	15	24	-
20.0 ~ 373.0 MHz (Low Side Rejection)	dB	50	60	-

**Notes:** (1) No Matching Network.

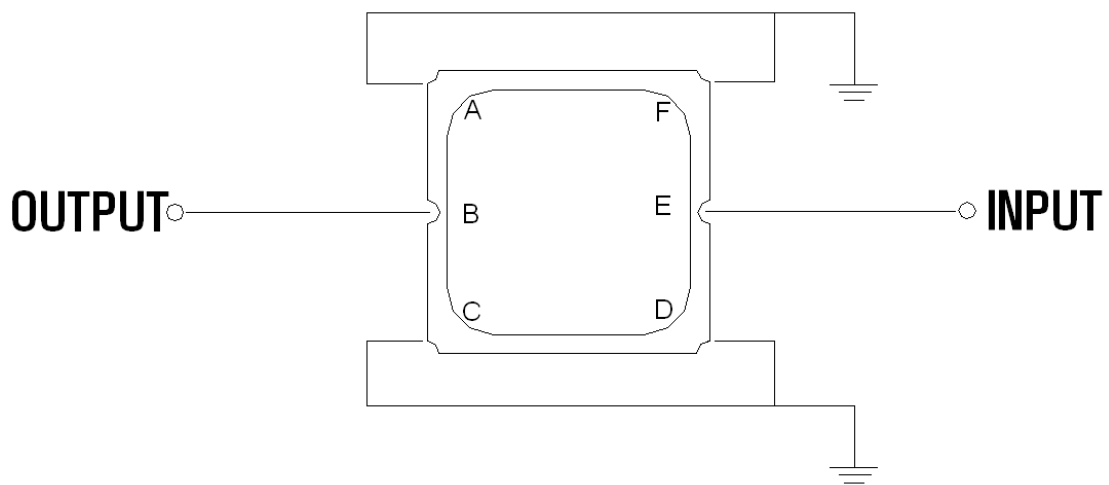
## Package Dimensions



Marking Descriptions	
c	Wireless Application
w	Series Number
X	Date Code (Year)
Y	Date Code (Month)

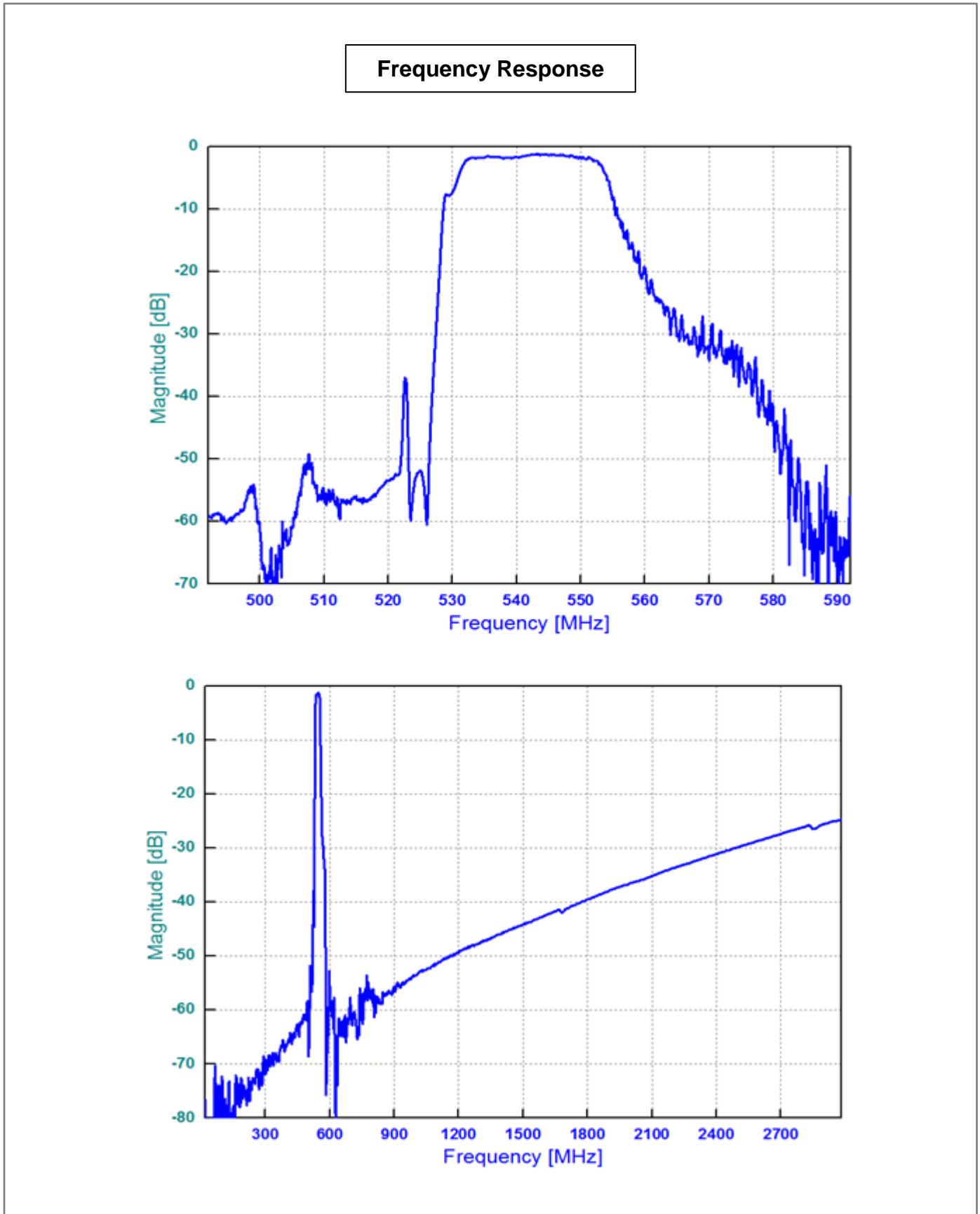
Pin Description	
A, C, D, F	Ground
E	In or Out
B	Out or In

## Testing Environment

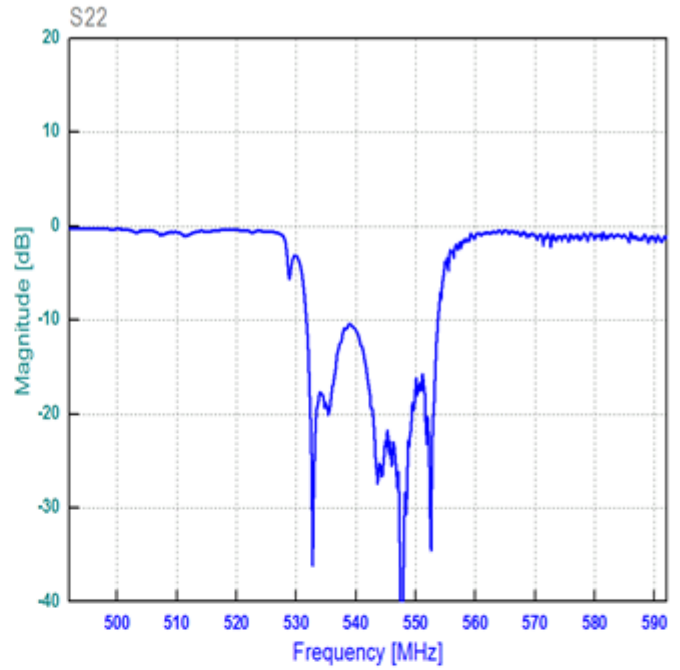
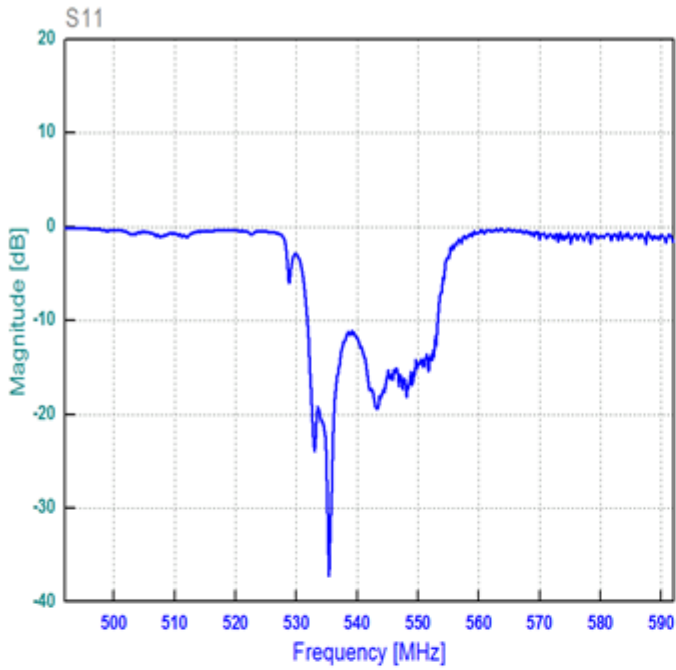


Source & Load Impedance: 50  $\Omega$

## Frequency Characteristics



## Return Loss



## Smith Chart

