

- Wireless, RF SAW Filter
- Revision 0: February 2008

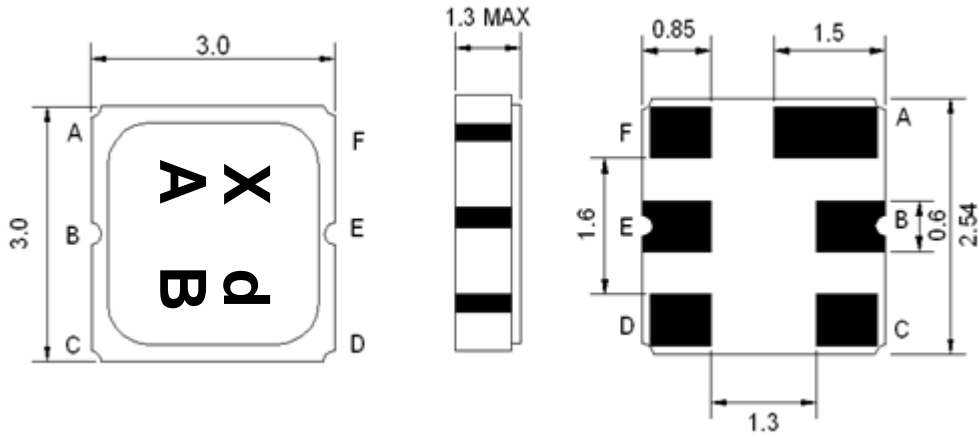
## Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating 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) <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	-	2535.0	-
Insertion Loss within 2500.0 ~ 2570.0 MHz	dB	-	2.8	3.5
Amplitude Ripple within 2500.0 ~ 2570.0 MHz	dB <sub>p-p</sub>	-	1.3	2.0
<b>Attenuation:</b>				
200.0 ~ 225.0 MHz	dB	30	38	-
D.C ~ 2400.0 MHz	dB	23	28	-
2070.0 ~ 2150.0 MHz	dB	25	30	-
2185.0 ~ 2260.0 MHz	dB	28	33	-
2390.0 ~ 2470.0 MHz	dB	5	10	-
VSWR within 2500.0 ~ 2570.0 MHz	-	-	1.8	2.3

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

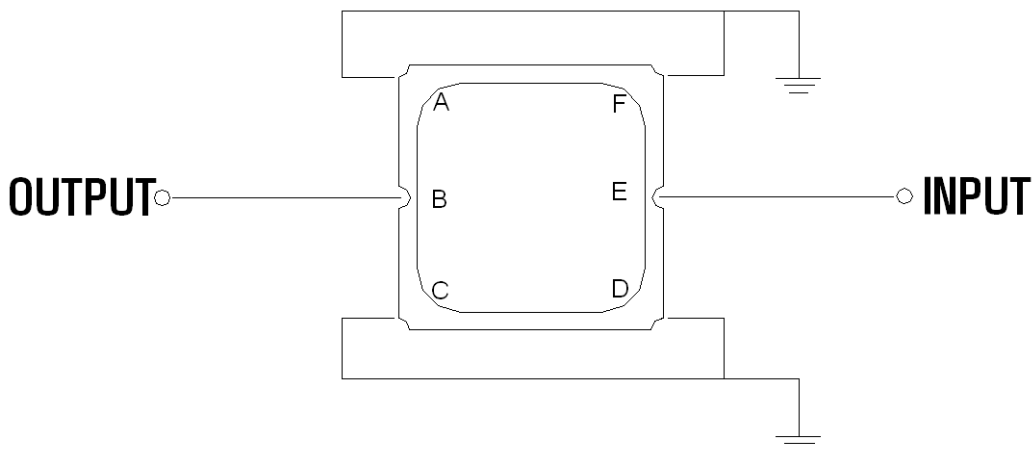
## Package Dimensions



Marking Descriptions	
X	Wireless Application
d	Series Number
A	Date Code (Year)
B	Date Code (Month)

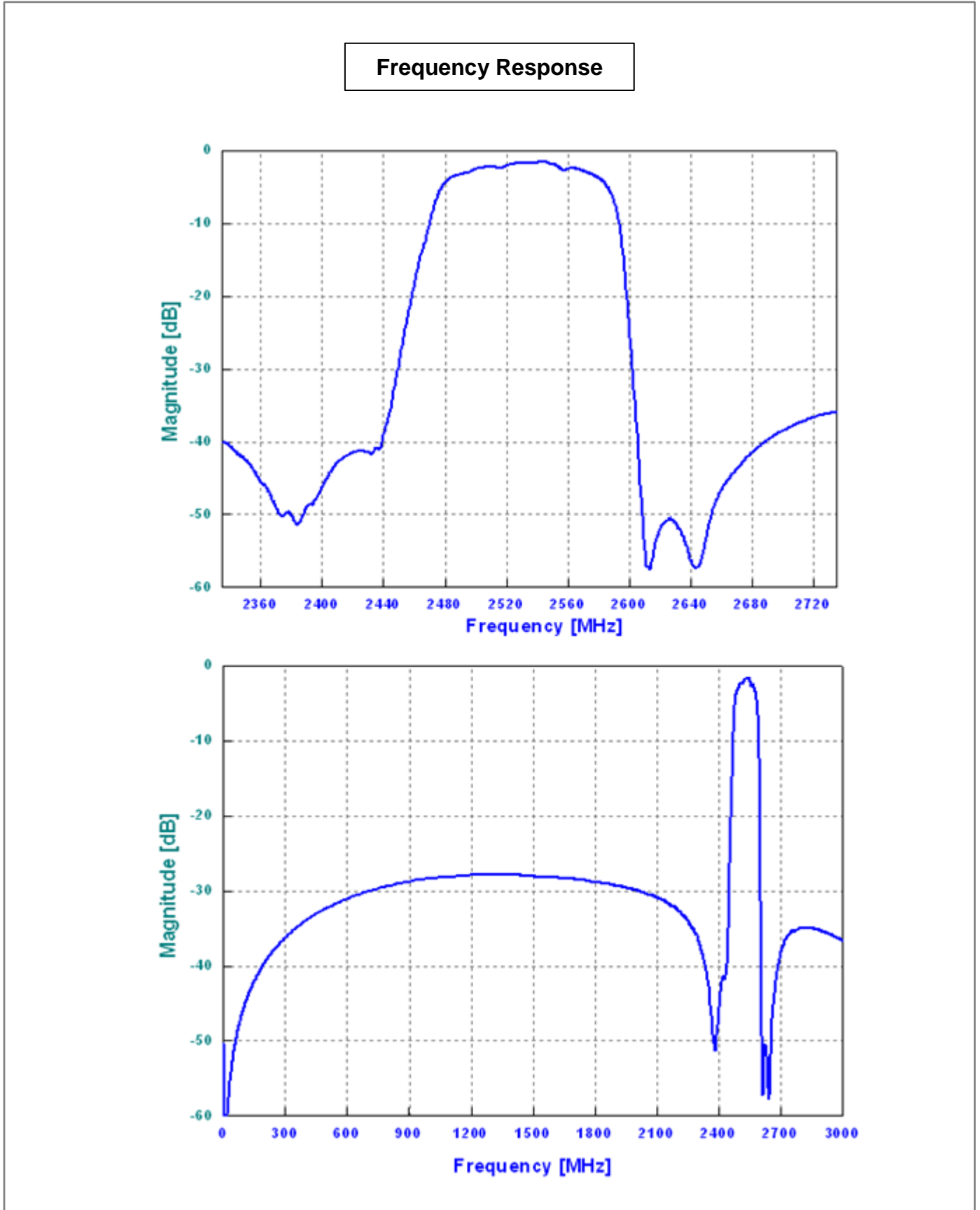
Pin Description	
A, C, D, F	Ground
E	In
B	Out

## Testing Environment

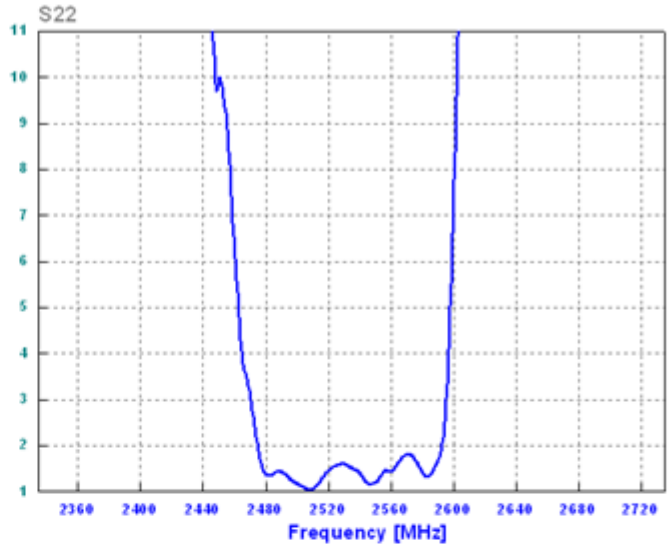
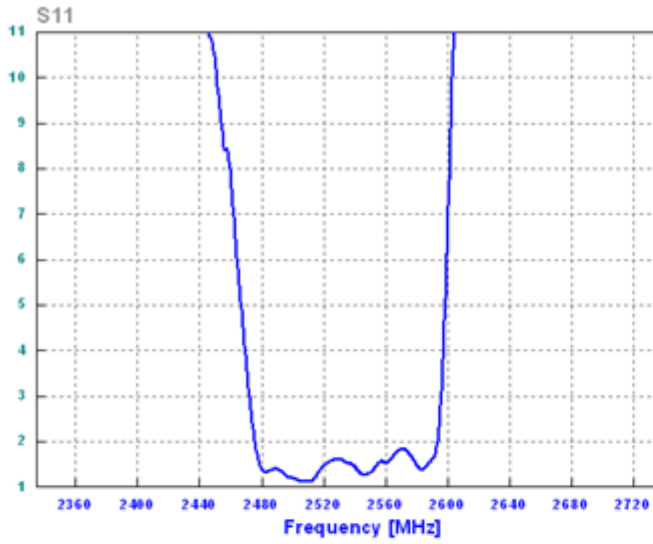


Source & Load Impedance: 50  $\Omega$

## Frequency Characteristics



## VSWR



## Smith Chart

