

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

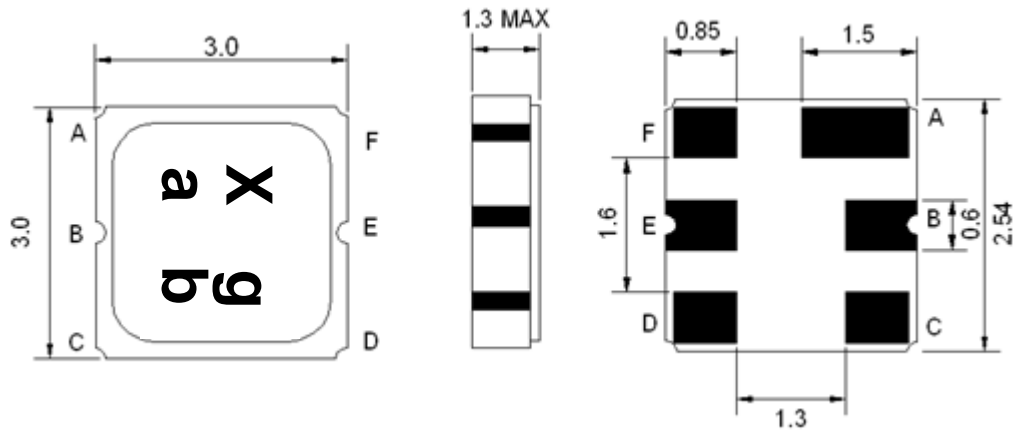
## Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-20	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	5
Maximum Input Power	dBm	-	-	25
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	-	2540.0	-
Insertion Loss within 2520.0 ~ 2560.0 MHz	dB	-	2.1	2.5
Amplitude Ripple within 2520.0 ~ 2560.0MHz	dB <sub>p-p</sub>	-	1.0	1.5
<b>Attenuation:</b>				
0.3 ~ 2455.0 MHz	dB	10	20	-
2455.0 ~ 2480.0 MHz	dB	2.5	5	-
2630.0 ~ 3500.0 MHz	dB	22	27	-

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

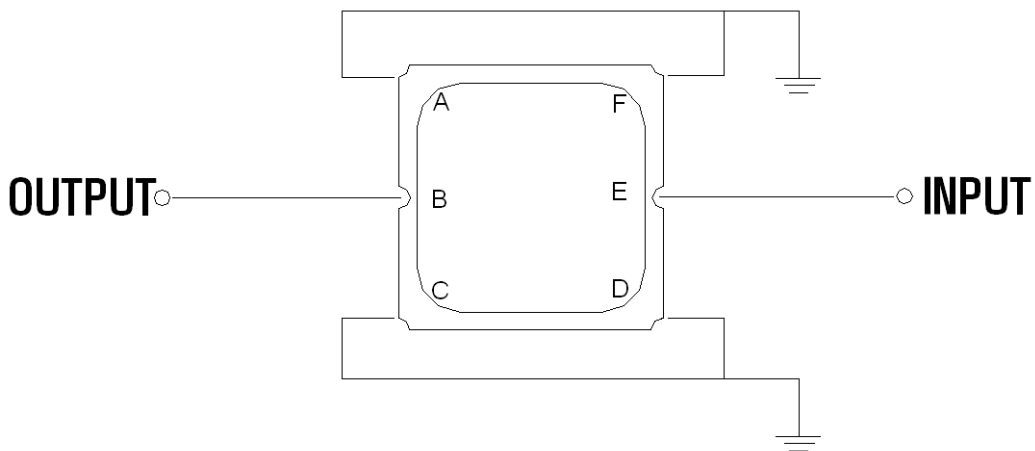
## Package Dimensions



Marking Descriptions	
X	Wireless Application
g	Series Number
a	Date Code (Year)
b	Date Code (Month)

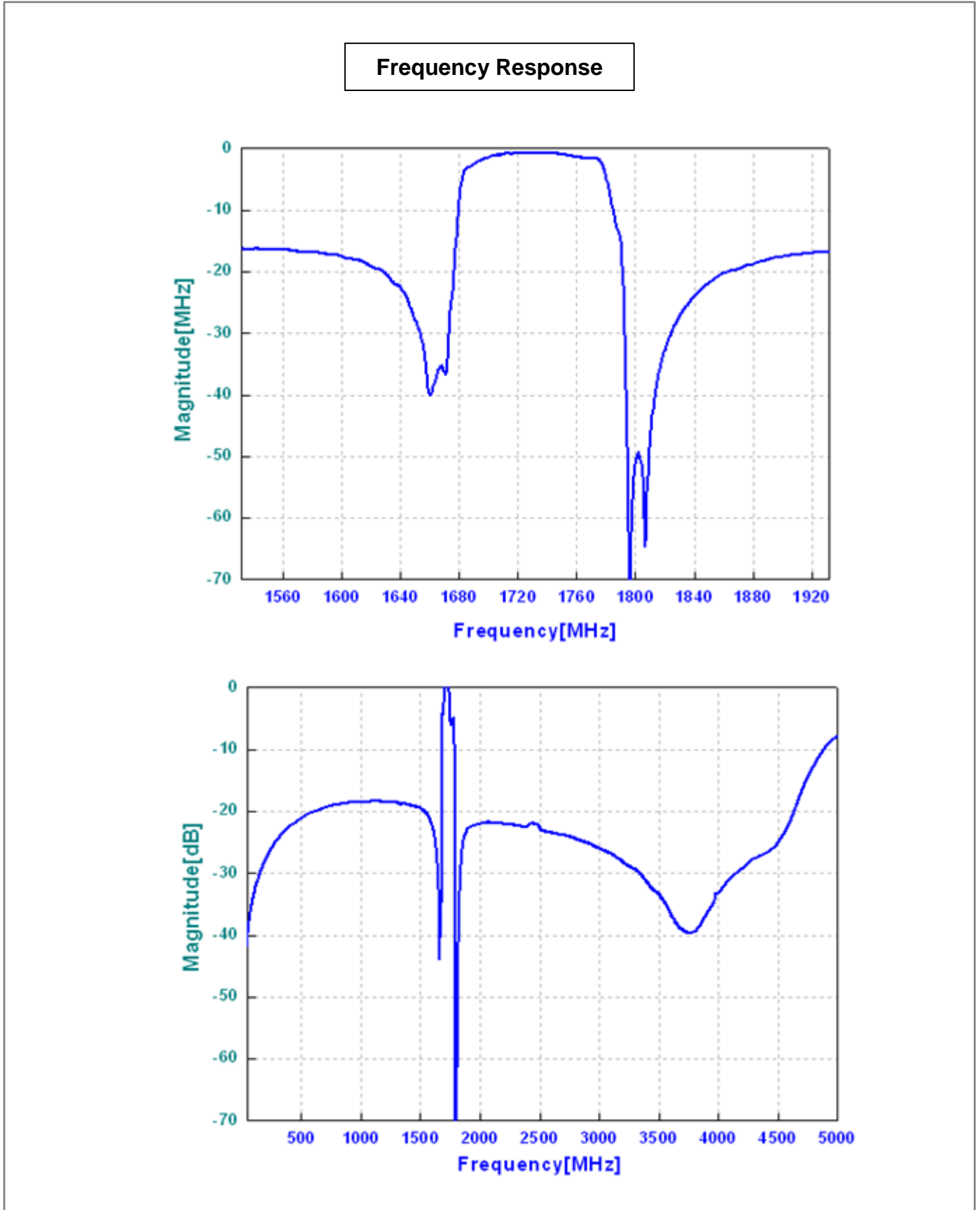
Pin Description	
A, C, D, F	Ground
E	In
B	Out

## Testing Environment

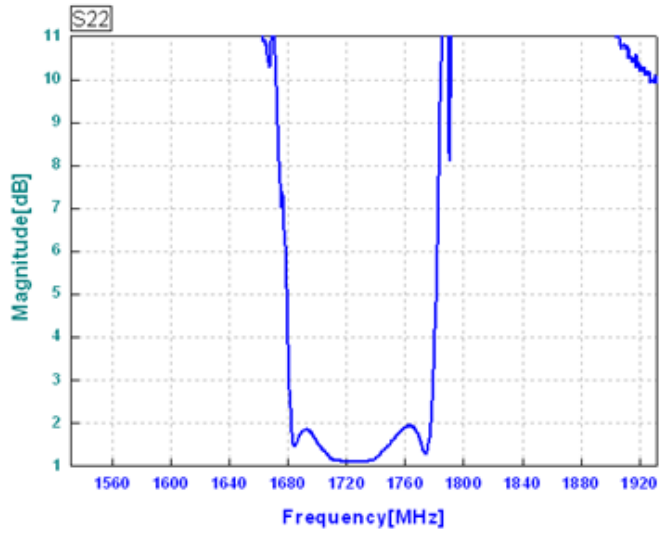
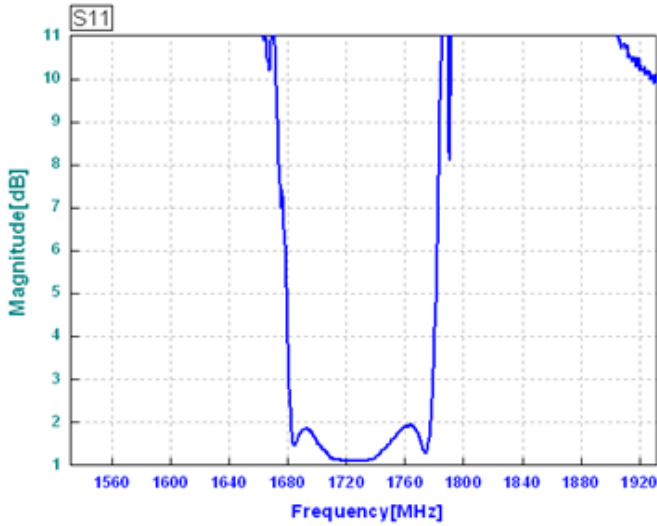


Source & Load Impedance: 50  $\Omega$

## Frequency Characteristics



## VSWR



## Smith Chart

