

- Wireless, RF SAW Filter
- Revision 0: January 2009

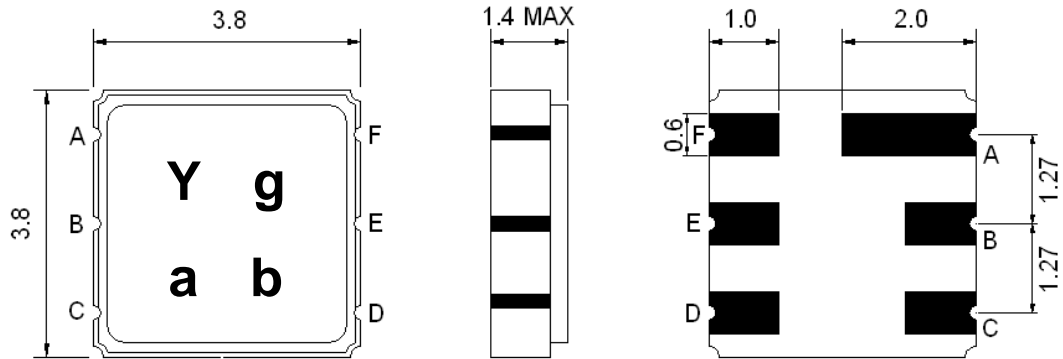
## Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	-
Average Input Power	dBm	-	28	-
Source Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Load Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Package type & size	P			
Length x Width	mm <sup>2</sup>	-	3.8 x 3.8	-
Height	mm	-	-	1.4

ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	392.5	-
Insertion Loss within 390.0 ~ 395.0 MHz	dB	-	2.0	3.5
Amplitude Ripple within 390.0 ~ 395.0 MHz	dB <sub>p-p</sub>	-	0.6	1.0
<b>Attenuation:</b>				
0.3MHz ~ 380.0MHz	dB	40	45	-
380.0MHz ~ 385.0MHz	dB	40	45	-
410.0MHz ~ 1200.0MHz	dB	30	35	-
1200.0MHz ~ 2000.0MHz	dB	28	33	-
VSWR within 390.0 ~ 395.0 MHz	-	-	1.4	2.0

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

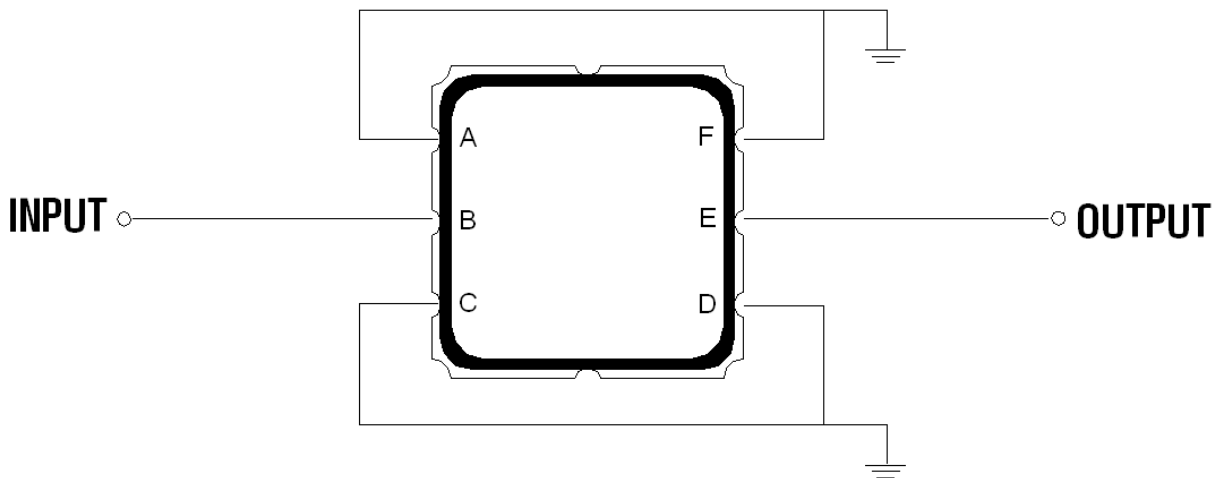
## Package Dimensions



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

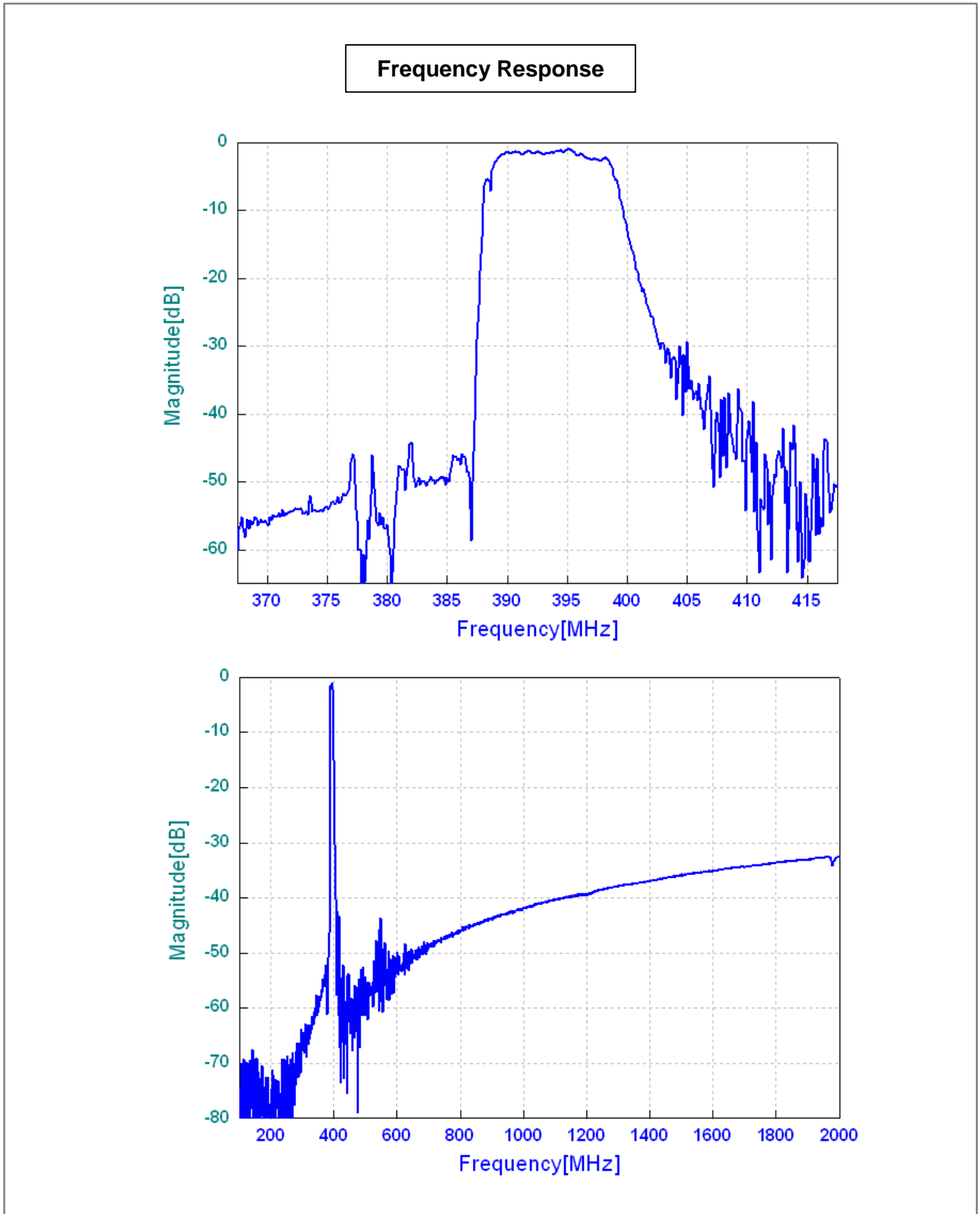
Pin Description	
A, C, D, F	Ground
B	In or Out
E	Out or In

## Testing Environment

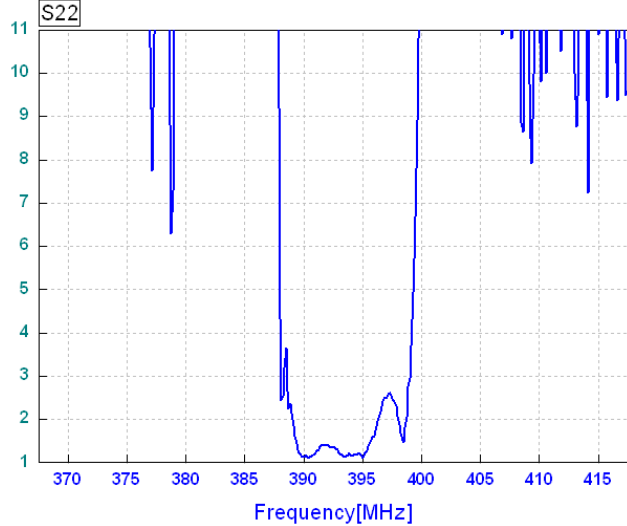
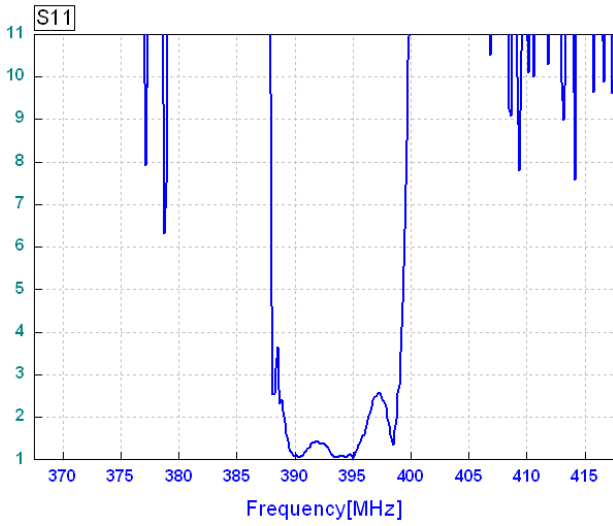


Source & Load Impedance: 50  $\Omega$

## Frequency Characteristics



## VSWR



## Smith Chart

