

- Wireless, RF SAW Filter
- Revision 0: December 2011

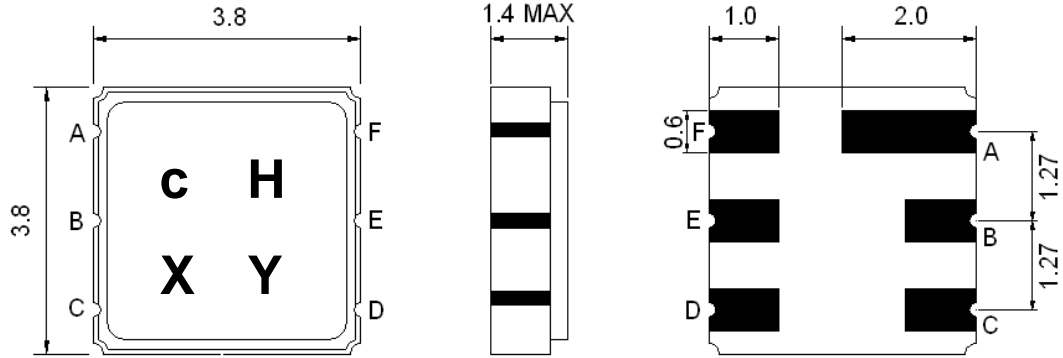
## Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	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	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	-	370.0	-
Insertion Loss within 368.0 ~ 372.0 MHz	dB	-	1.8	3.0
Amplitude Ripple within 368.0 ~ 372.0 MHz	dB	-	0.6	1.2
<b>Attenuation</b>				
300.0 ~ 350.0 MHz	dB	40	55	-
430.0 ~ 500.0 MHz	dB	40	49	-

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

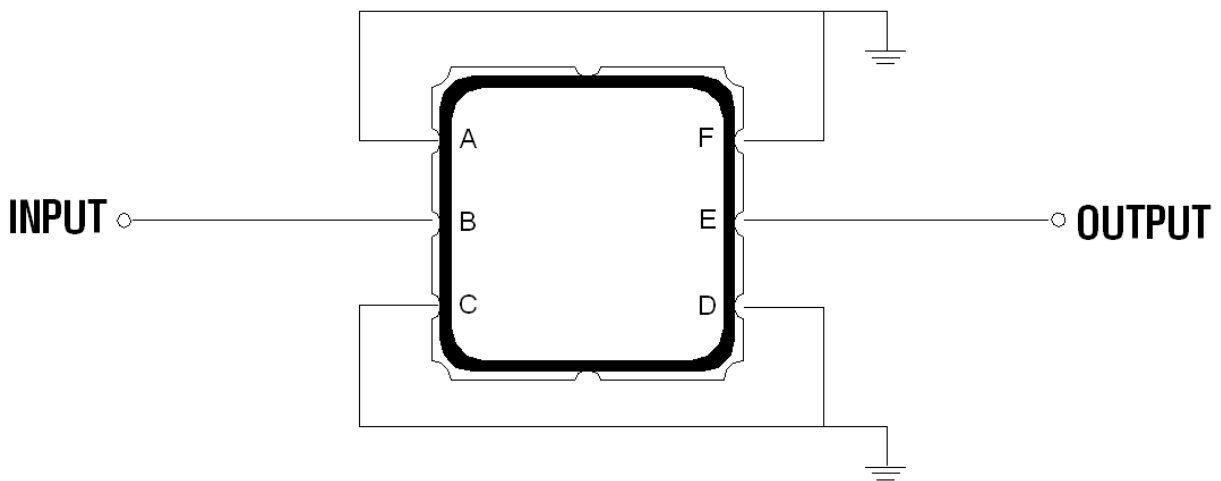
## Package Dimensions



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

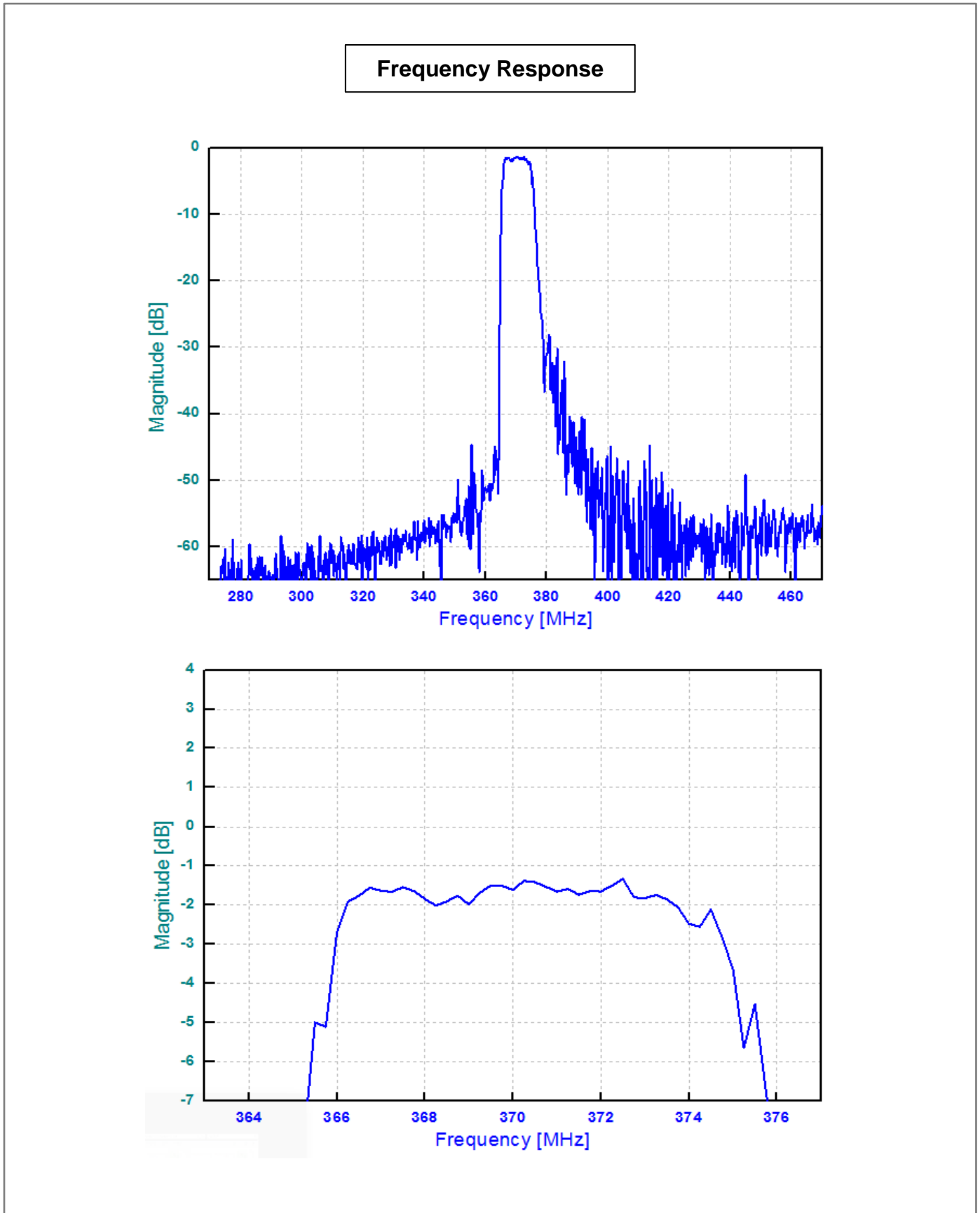
Pin Description	
A, C, D, F	Ground
B	Input
E	Output

## Testing Environment



Source & Load Impedance: 50  $\Omega$

**Frequency Characteristics**



**Smith Chart**

S11



S22

