

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

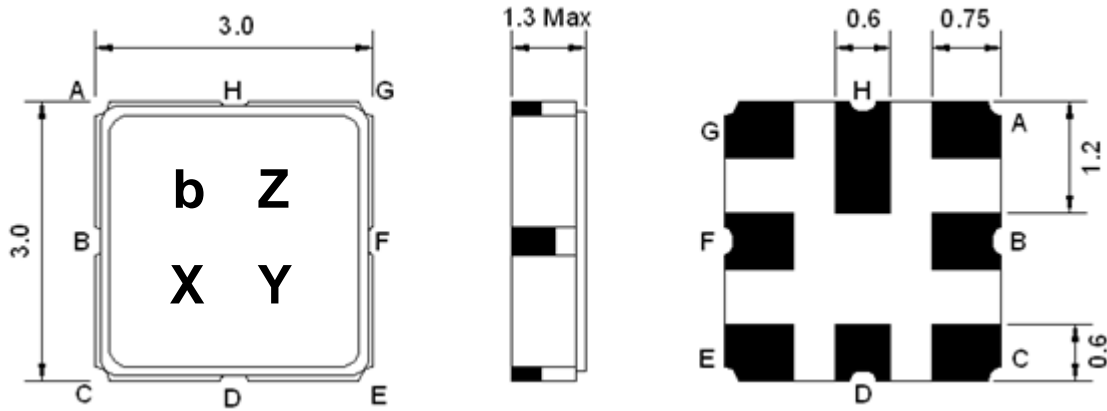
## Electrical Characteristics

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	-	-	20
Source Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Load Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Package type & size	M1			
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	-	1370.0	-
Insertion Loss within 1350.0 ~ 1390.0 MHz	dB	-	1.5	3.5
Amplitude Ripple within 1350.0 ~ 1390.0 MHz	dB <sub>p-p</sub>	-	0.8	1.8
<b>Attenuation:</b>				
1120.0 ~1300.0 MHz	dB	20	27	-
1450.0 ~ 1620.0 MHz	dB	25	30	-
VSWR within 1350.0~1390.0 MHz	-	-	1.7	2.2

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

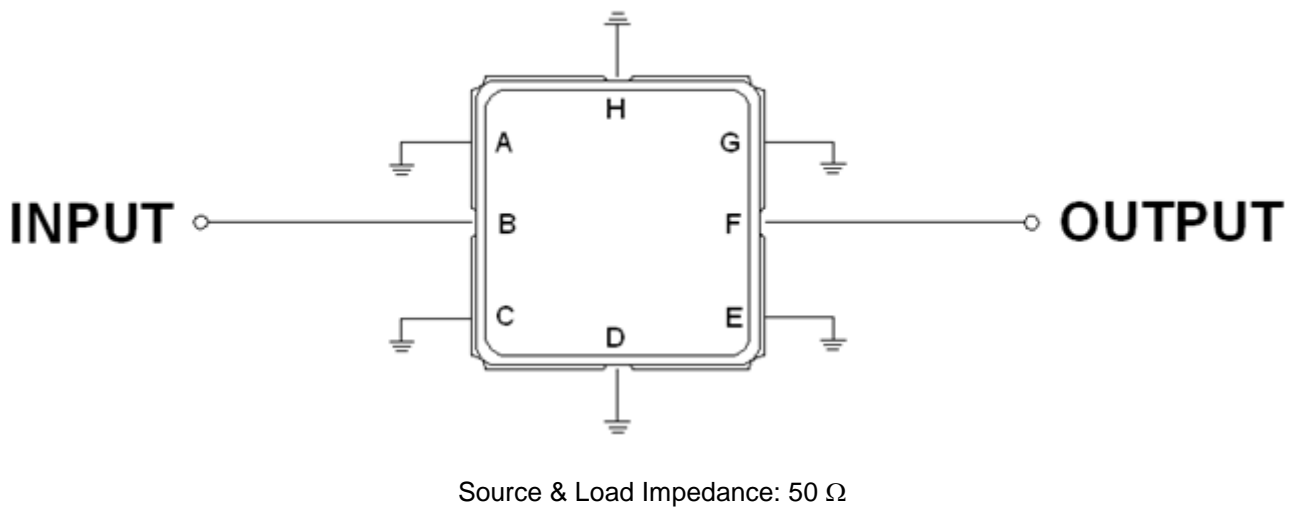
## Package Dimensions



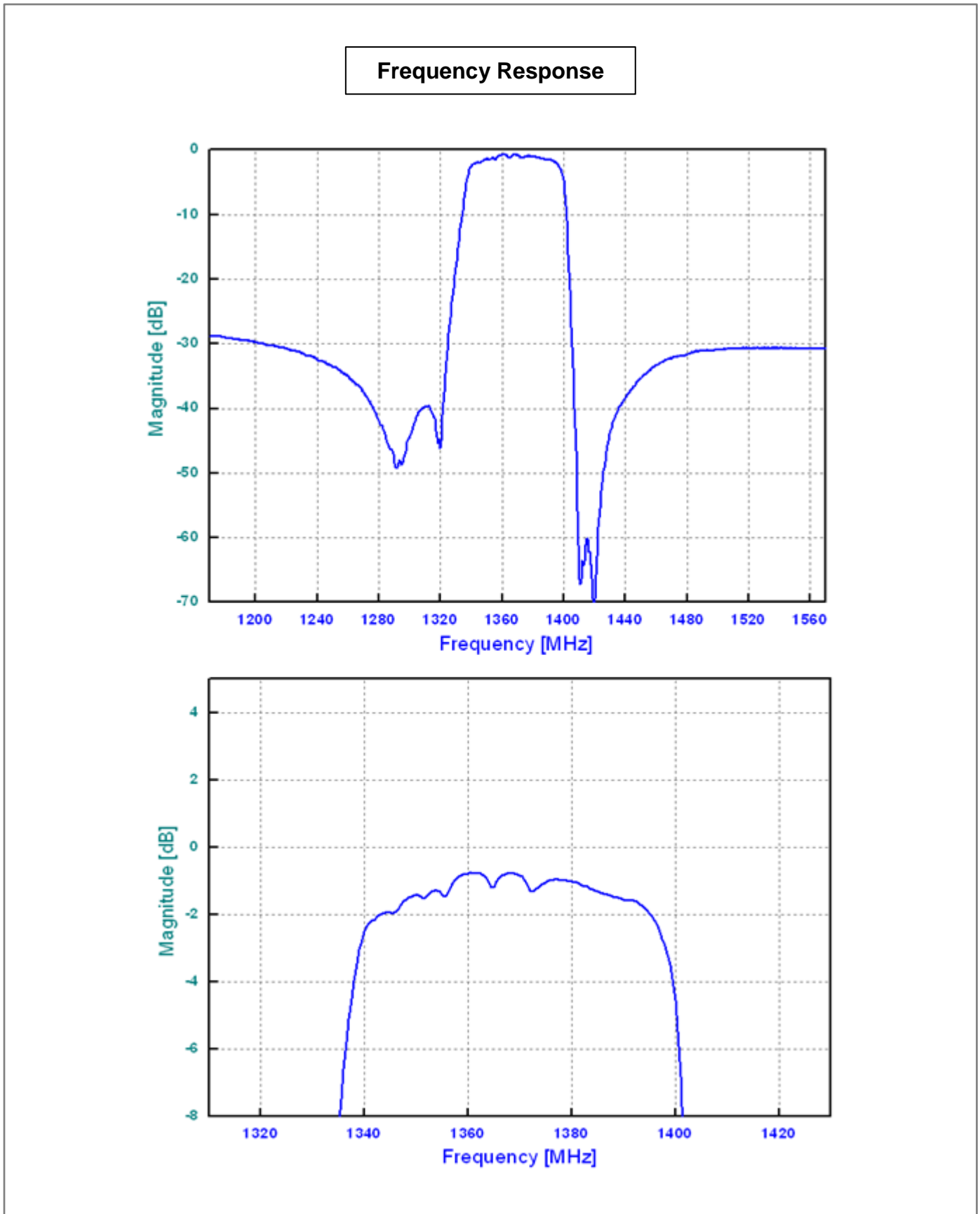
Marking Descriptions	
b	Wireless Application
Z	Series Number
X	Date Code (Year)
Y	Date Code (Month)

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

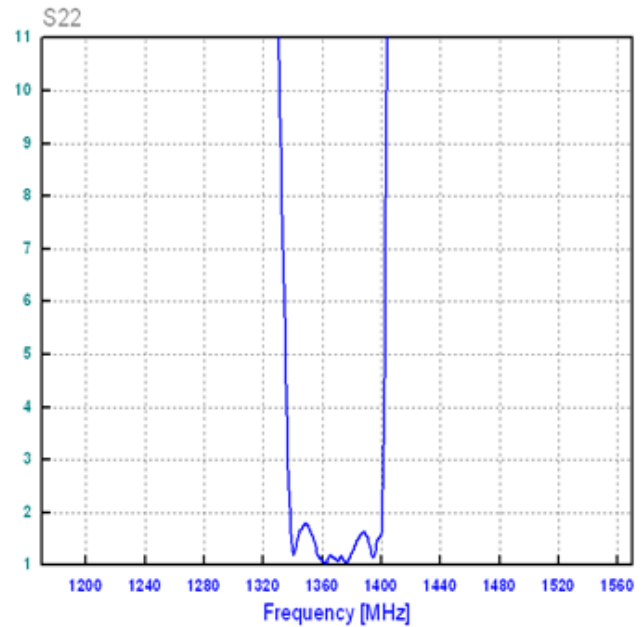
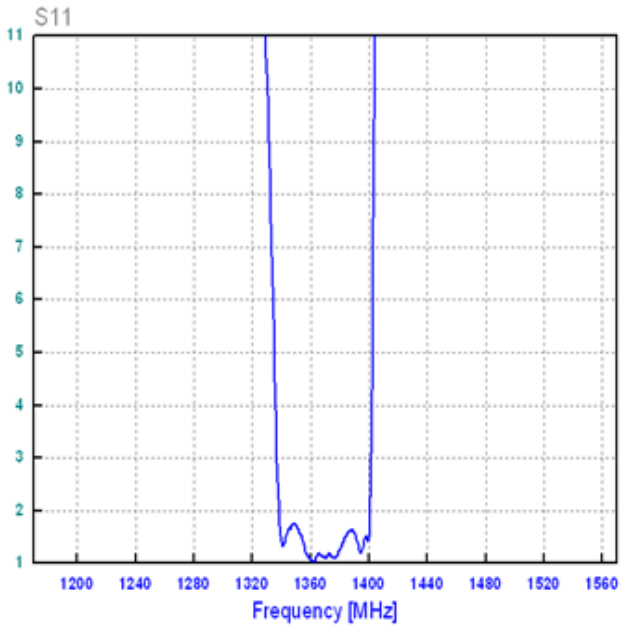
## Testing Environment



## Frequency Characteristics



## VSWR



## Smith Chart

