

- Wireless, RF SAW Filter
- Revision 0: March 2012

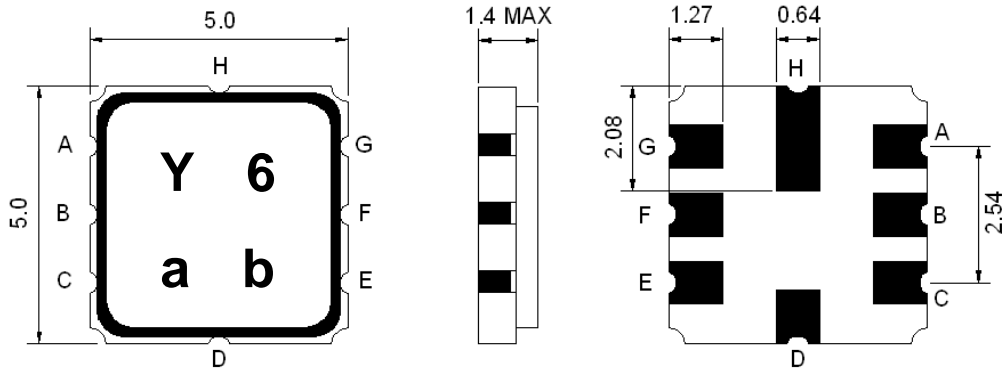
## Electrical Characteristics

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	-	-	13
Source Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Load Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Package type & size	K			
Length x Width	mm <sup>2</sup>	-	5.0 x 5.0	-
Height	mm	-	-	1.4

ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	433.92	-
Insertion Loss within 432.92 ~ 434.92 MHz	dB	-	2.5	3.0
Amplitude Ripple within 432.92 ~ 434.92MHz	dB <sub>p-p</sub>	-	0.4	1.0
<b>Attenuation:</b>				
389.0 ~ 392.0 MHz	dB	50	53	-
411.0 ~ 414.0 MHz	dB	40	48	-
422.0 ~ 425.0 MHz	dB	35	45	-
443.0 ~ 446.0 MHz	dB	15	18	-
454.0 ~ 457.0 MHz	dB	35	48	-
475.0 ~ 479.0 MHz	dB	45	55	-
VSWR within 432.92 ~ 434.92 MHz	-	-	1.4	2.0

**Notes :** (1) No Matching Network .

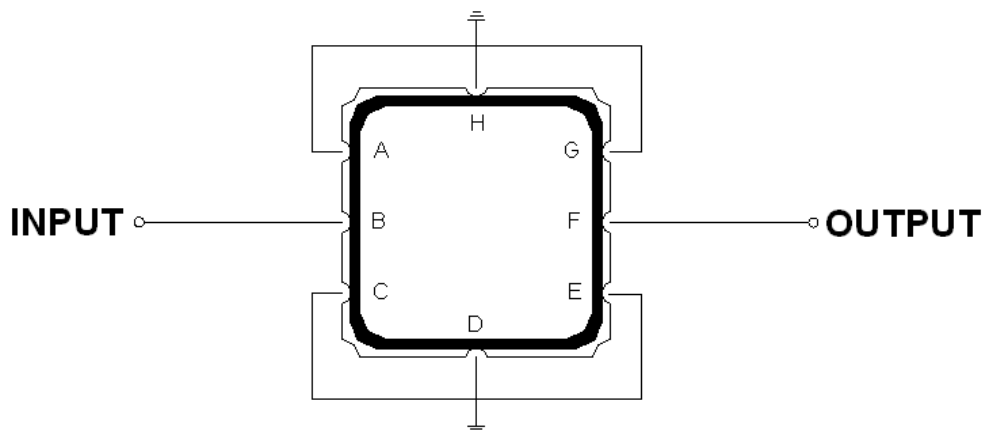
## Package Dimensions



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

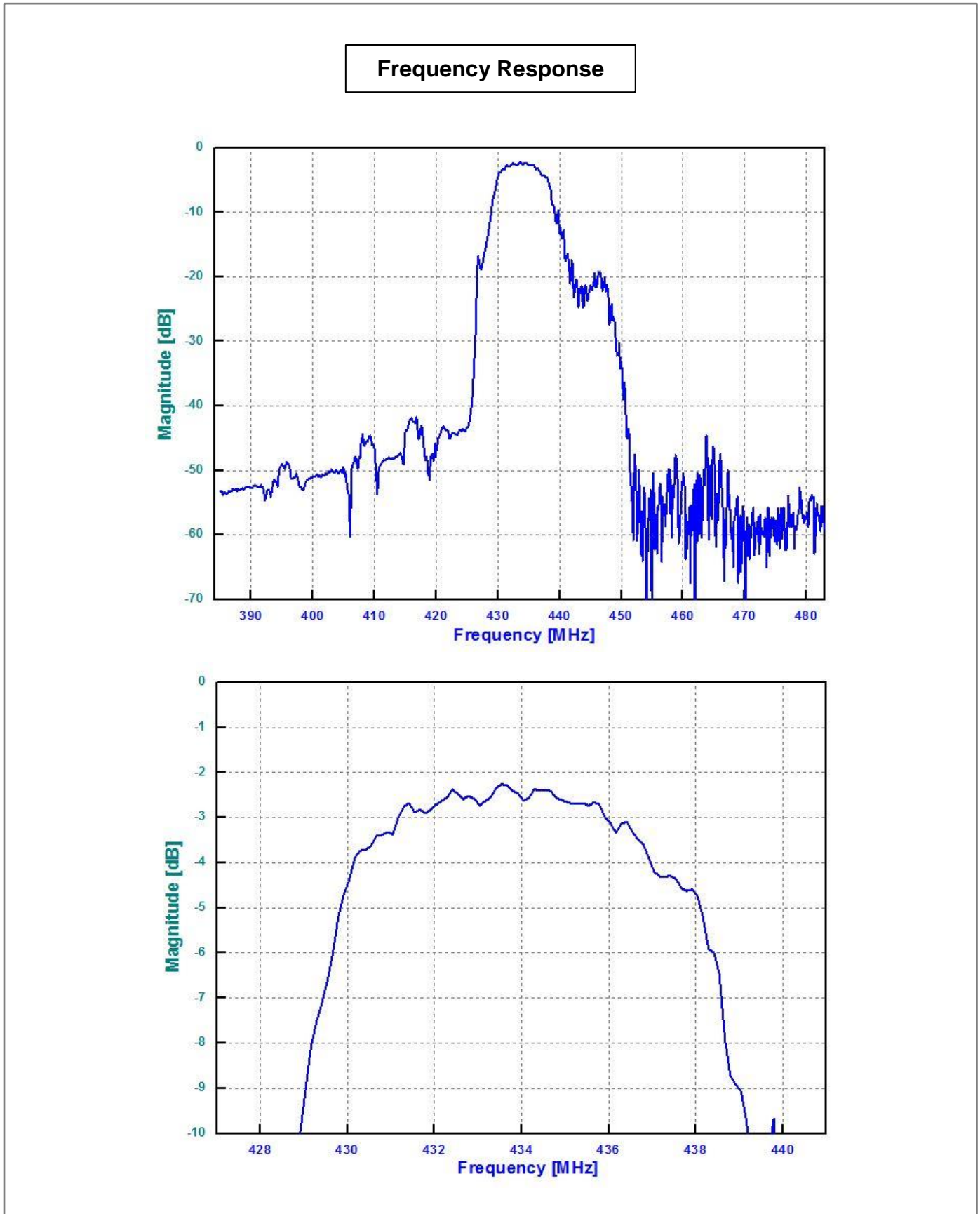
Pin Description	
A, C, D, E, G, H	Ground
B	Input
F	Output

## Testing Environment

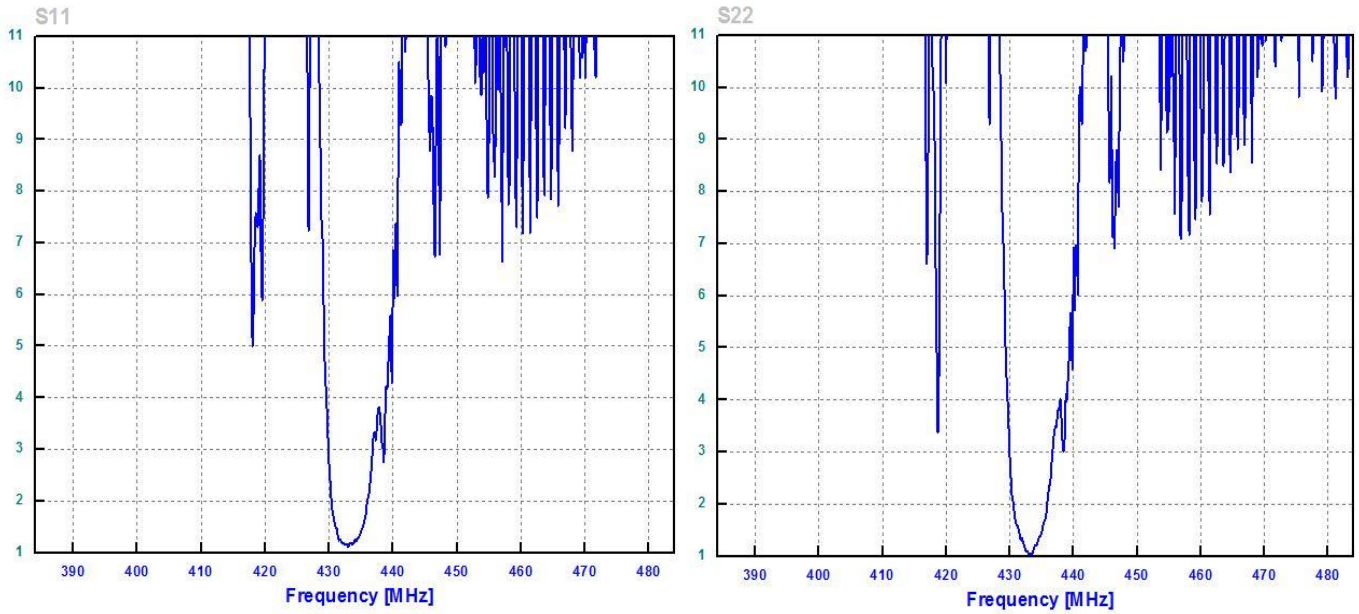


Source & Load Impedance: 50  $\Omega$

## Frequency Characteristics



## VSWR



## Smith Chart

