

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

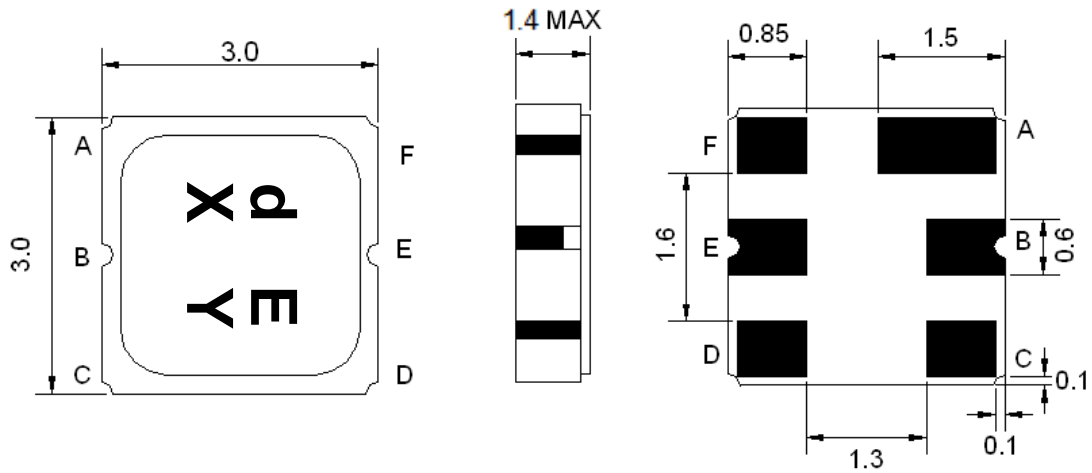
## Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+72
Storage Temperature Range	°C	-30	-	+85
Maximum DC Voltage	V	-	-	3
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	M			
Length x Width	mm <sup>2</sup>	-	3.0 x 3.0	-
Height	mm	-	-	1.4

ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	433.0	-
Min. Insertion Loss (ILmin)	dB	-	1.3	2.8
Bandwidth (BW <sub>-3dB</sub> )	dB	20.0	23.6	-
Attenuation (reference level from 0dB)				
10.0 ~ 410.0 MHz	dB	35	53	-
470.0 ~ 680.0 MHz	dB	35	46	-

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

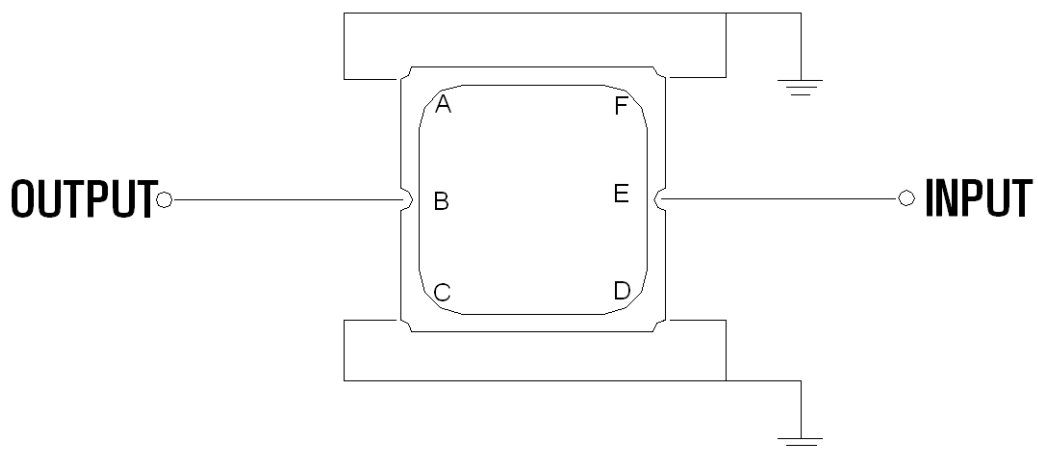
## Package Dimensions



Marking Descriptions	
d	Wireless Application
E	Series Number
X	Date Code (Year)
Y	Date Code (Month)

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

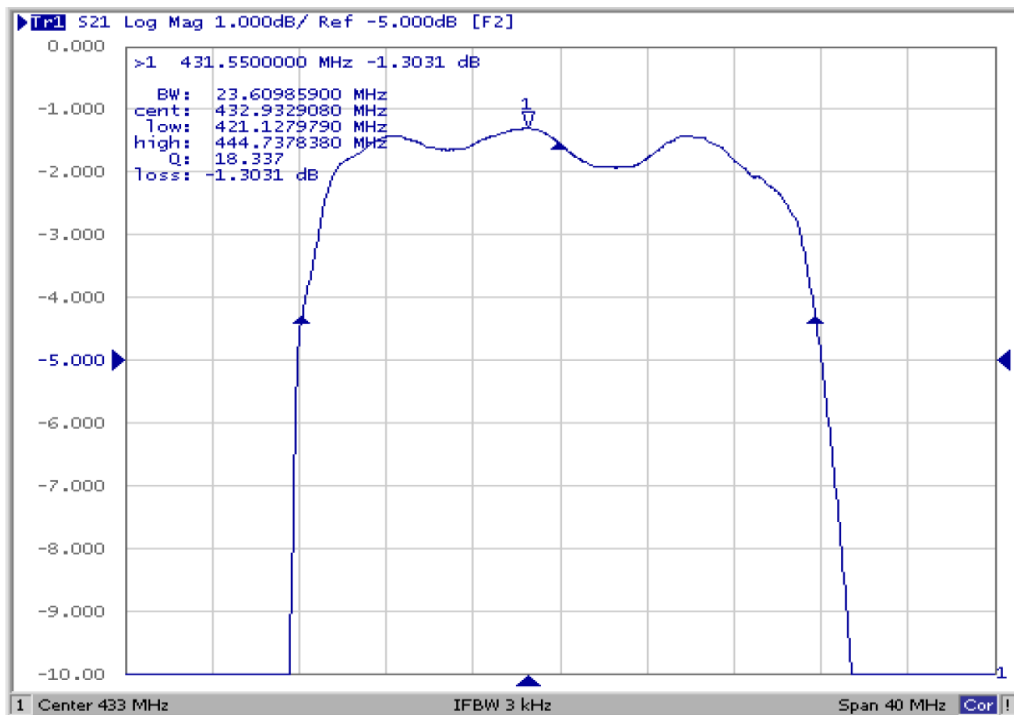
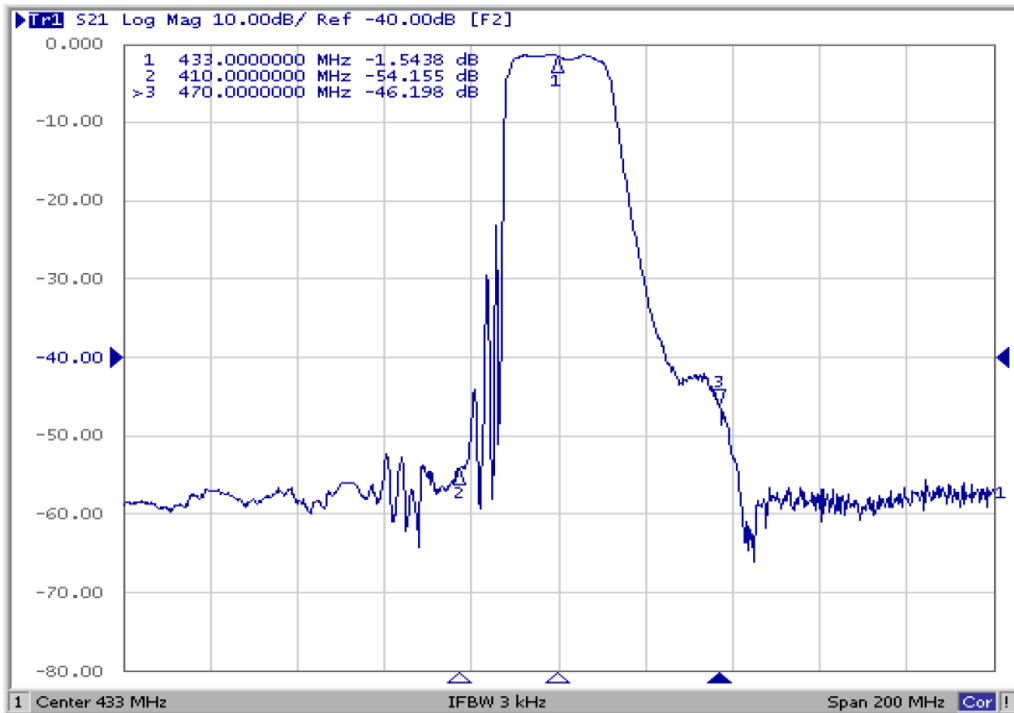
## Testing Environment



Source & Load Impedance: 50  $\Omega$

**Frequency Characteristics**

**Frequency Response**



## Frequency Response

