

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

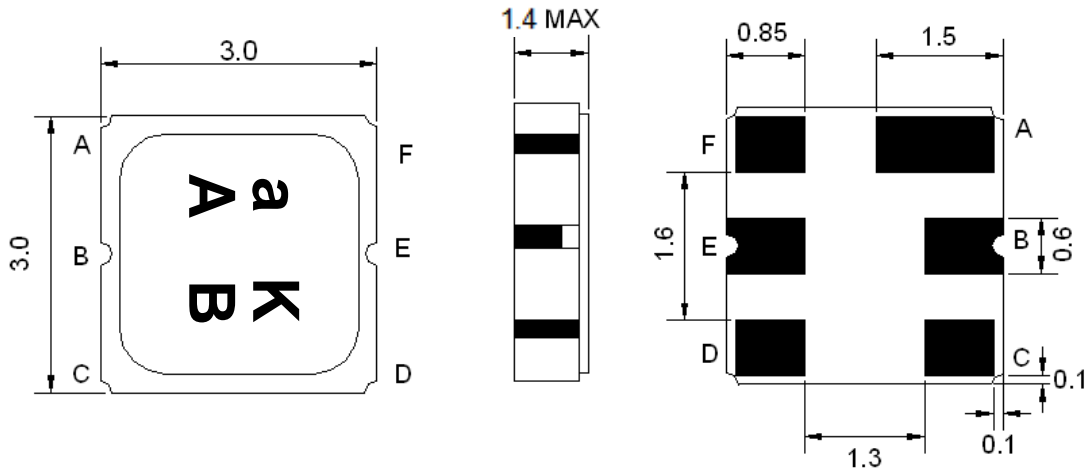
## Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	0	-	+50
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	15
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	-	-	1.3

ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	822.5	-
Insertion Loss within 815.0 ~ 830.0 MHz	dB	-	1.8	3.0
Amplitude Ripple within 815.0 ~ 830.0 MHz	dB <sub>p-p</sub>	-	0.8	1.5
Return Loss within 815.0 ~ 830.0 MHz	dB	9	11	-
<b>Attenuation:</b>				
675.0 ~ 690.0 MHz	dB	30	34	-
1000.0 ~ 3000.0 MHz	dB	30	32	-
20.0 ~ 400.0 MHz	dB	30	36	-
885.0 ~ 900.0 MHz	dB	30	36	-
860.0 ~ 875.0 MHz	dB	35	40	-

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

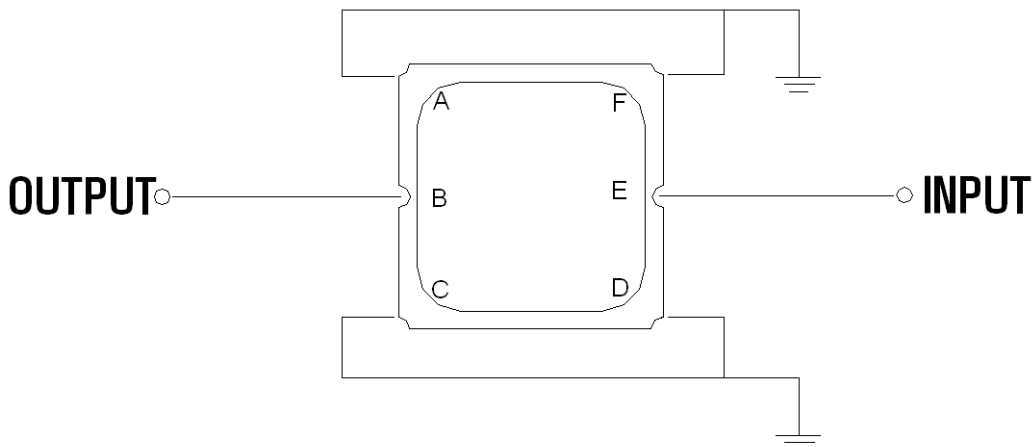
## Package Dimensions



Marking Descriptions	
a	Wireless Application
K	Series Number
A	Date Code (Year)
B	Date Code (Month)

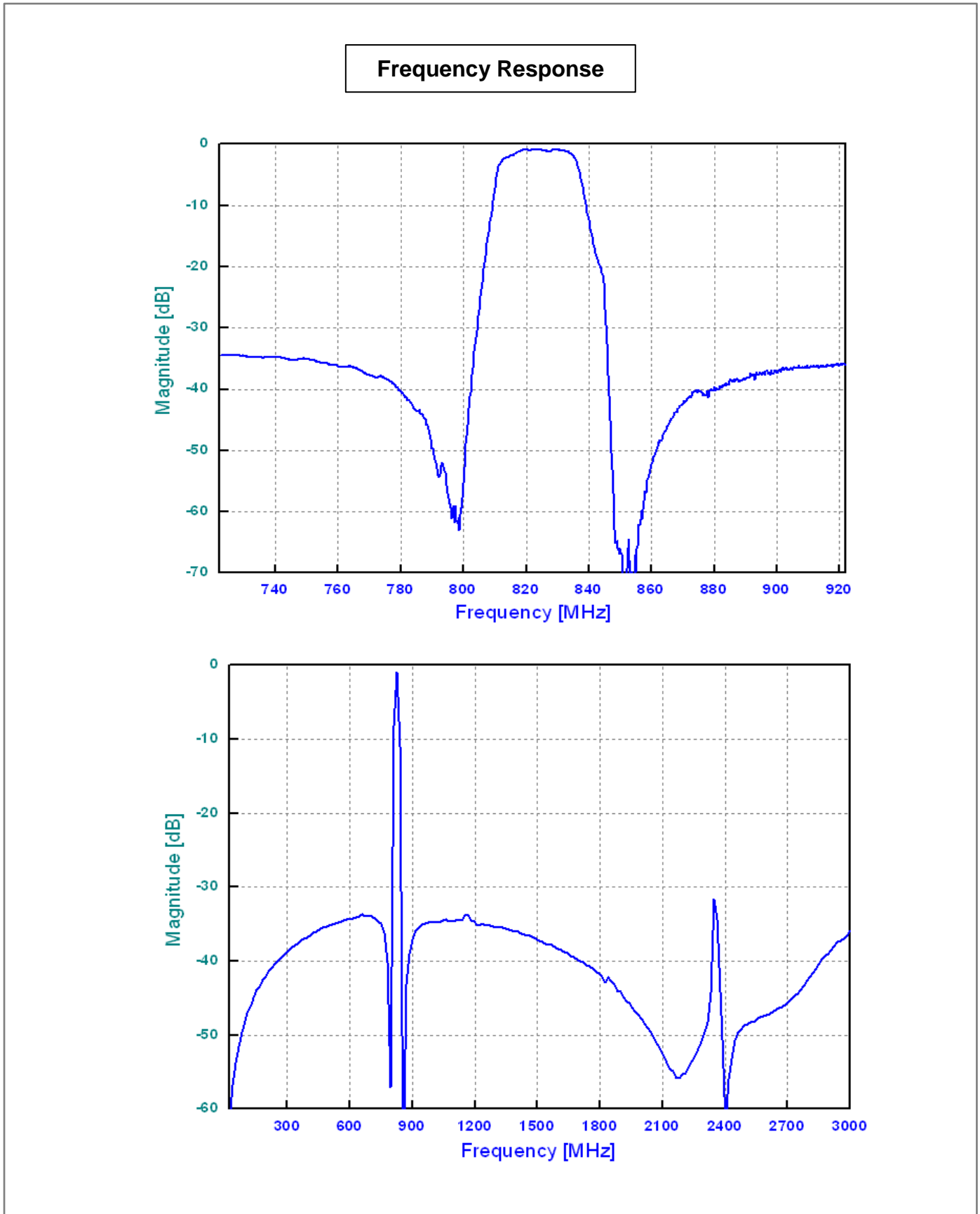
Pin Description	
A, C, D, F	Ground
B	In or Out
E	Out or In

## Testing Environment

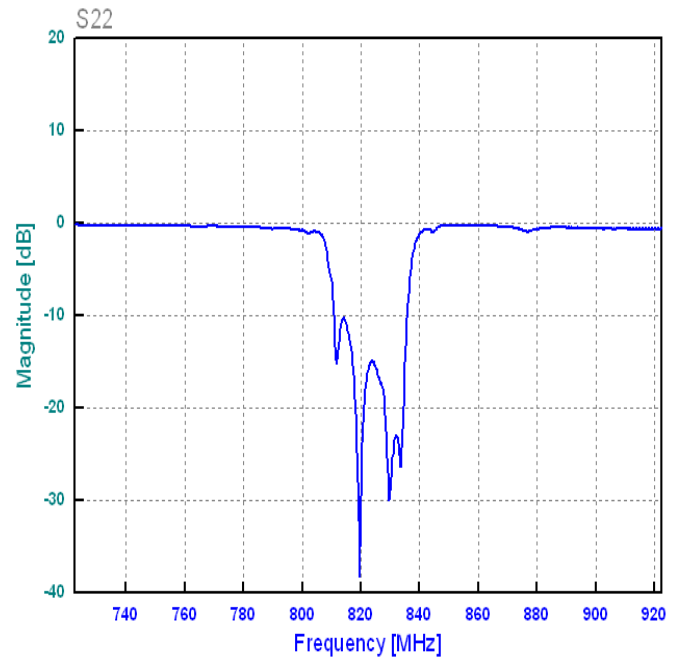
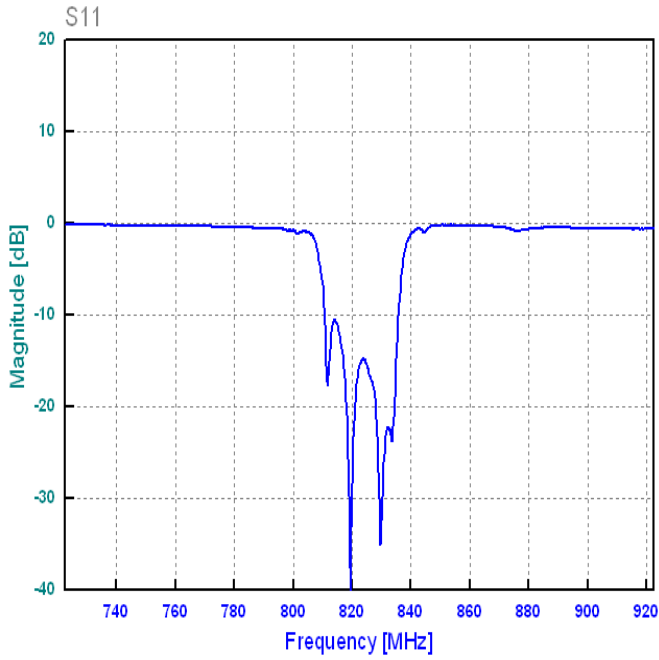


Source & Load Impedance: 50  $\Omega$

## Frequency Characteristics



### Return Loss



### Smith Chart

