

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

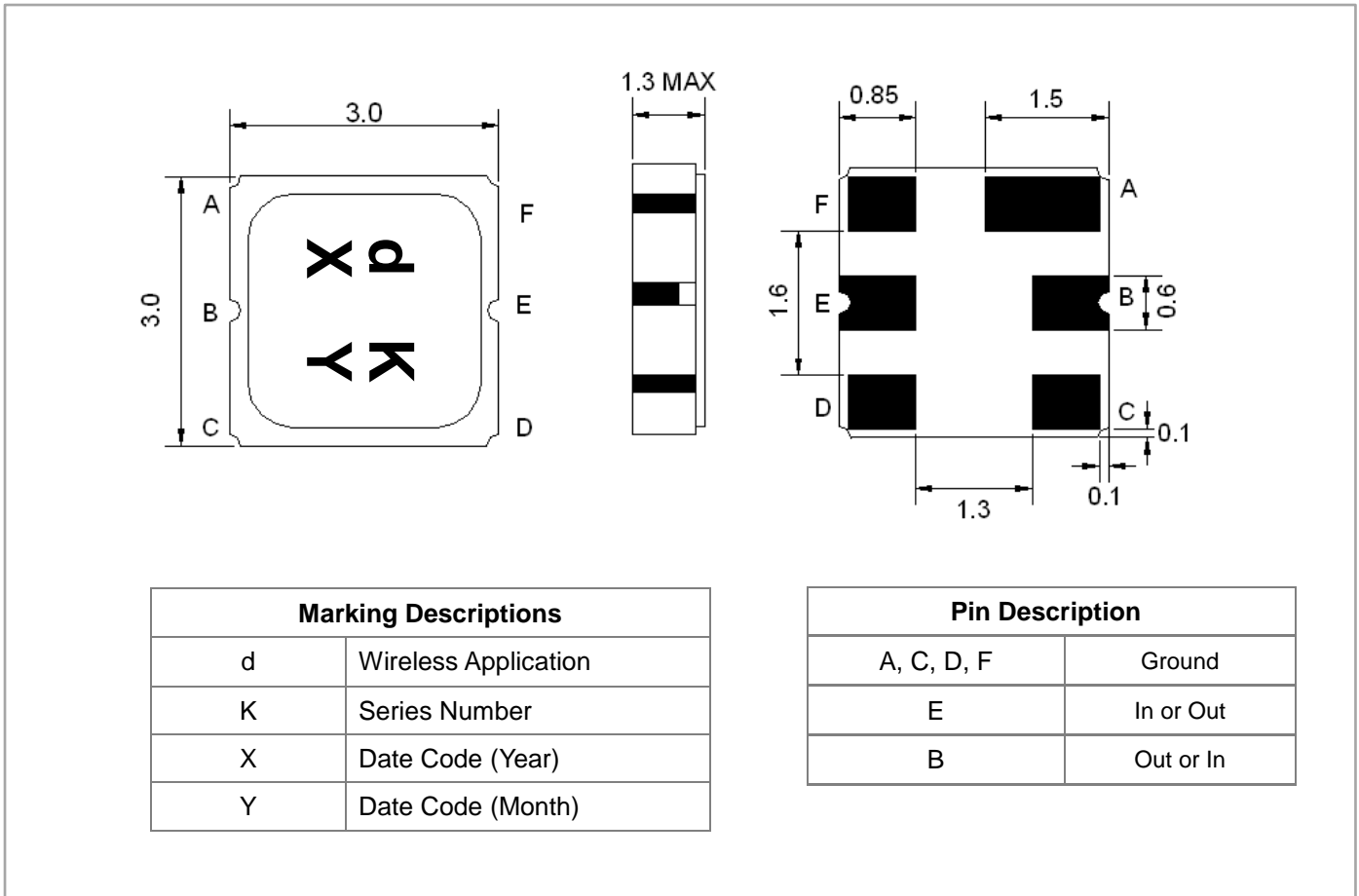
## Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-40	-	+85
Storage Temperature Range	°C	-50	-	+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	M			
Length x Width	mm <sup>2</sup>	-	3.0 x 3.0	-
Height	mm	-	-	1.3

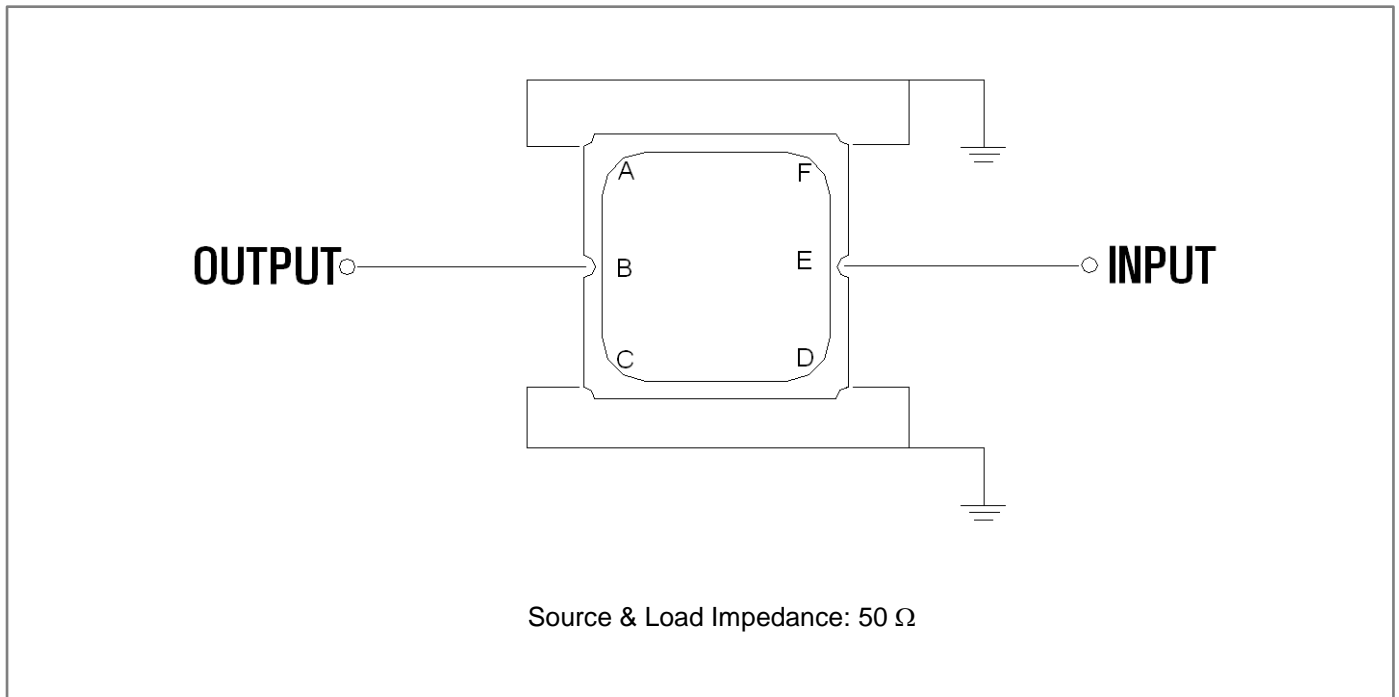
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	1217.0	-
Insertion Loss within 1197.0 ~ 1237.0 MHz	dB	-	2.0	3.8
Amplitude Ripple within 1197.0 ~ 1237.0 MHz	dB <sub>p-p</sub>	-	1.2	2.5
<b>Attenuation:</b>				
1167.0 MHz (Fo - 50.0MHz)	dB	40	47	-
1267.0 MHz (Fo + 50.0MHz)	dB	35	39	-
VSWR within 1197.0 ~ 1237.0 MHz	-	-	1.6	2.5

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

## Package Dimensions

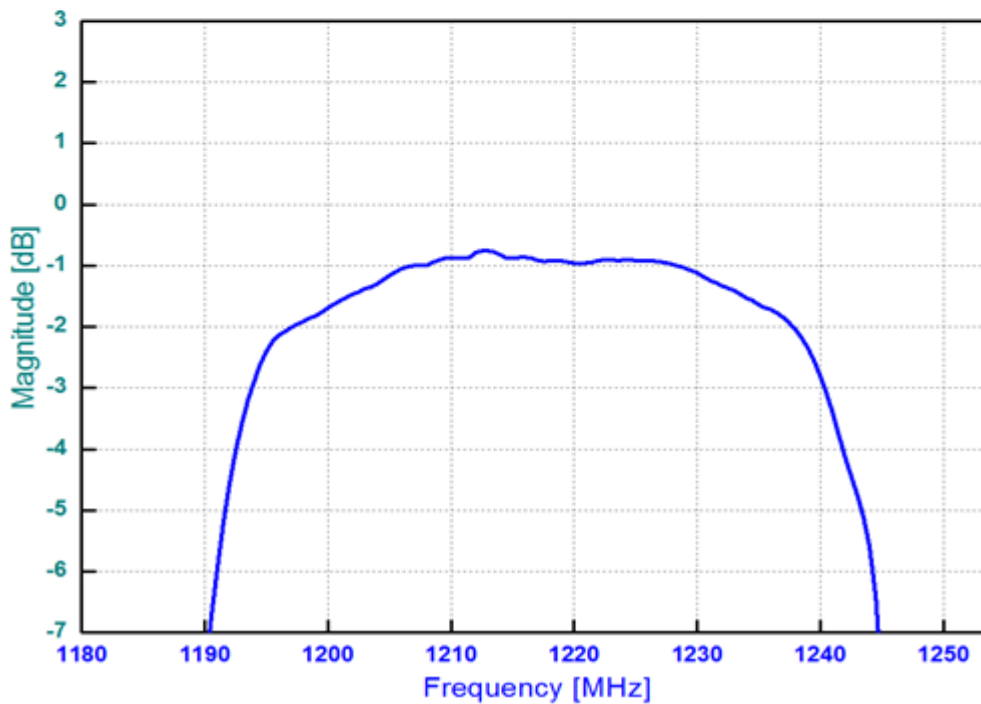
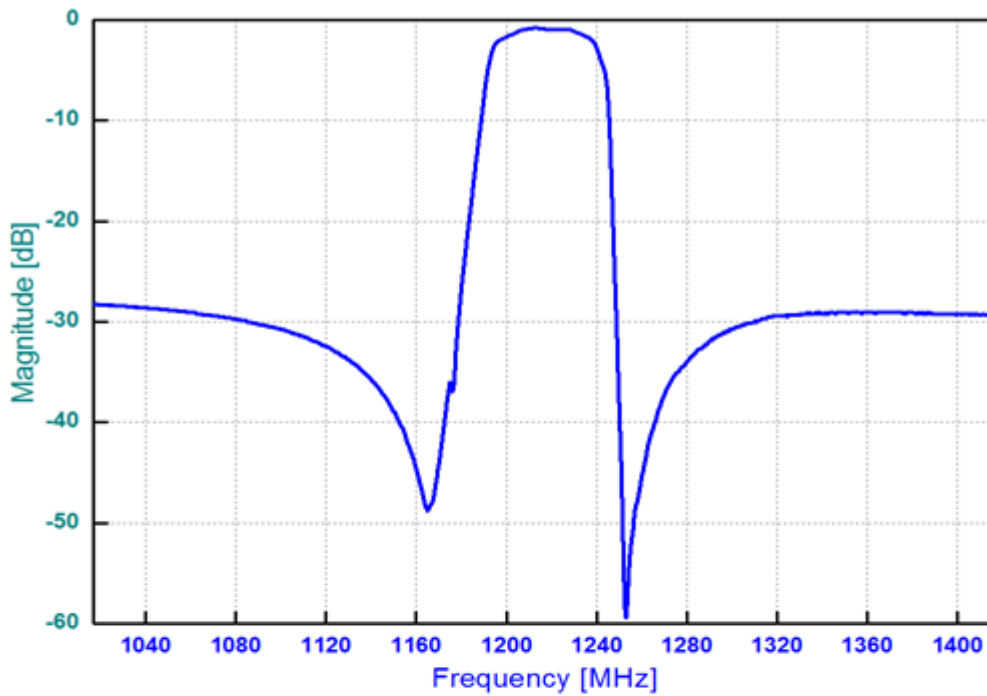


## Testing Environment

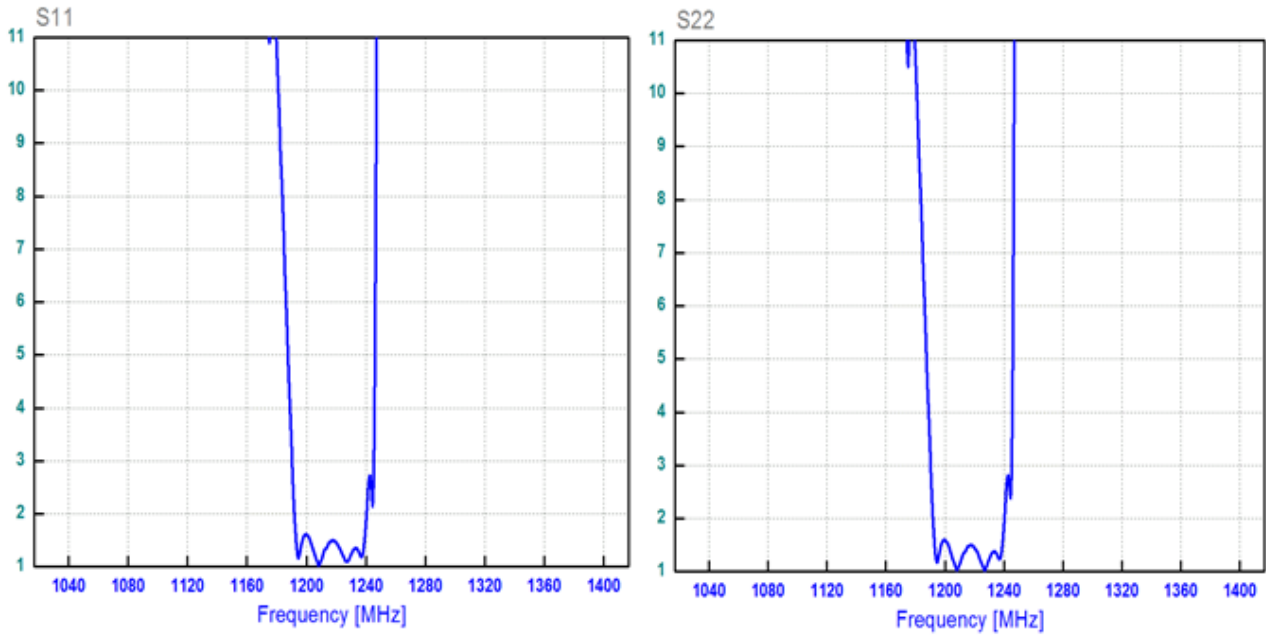


## Frequency Characteristics

Frequency Response



## VSWR



## Smith Chart

