

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

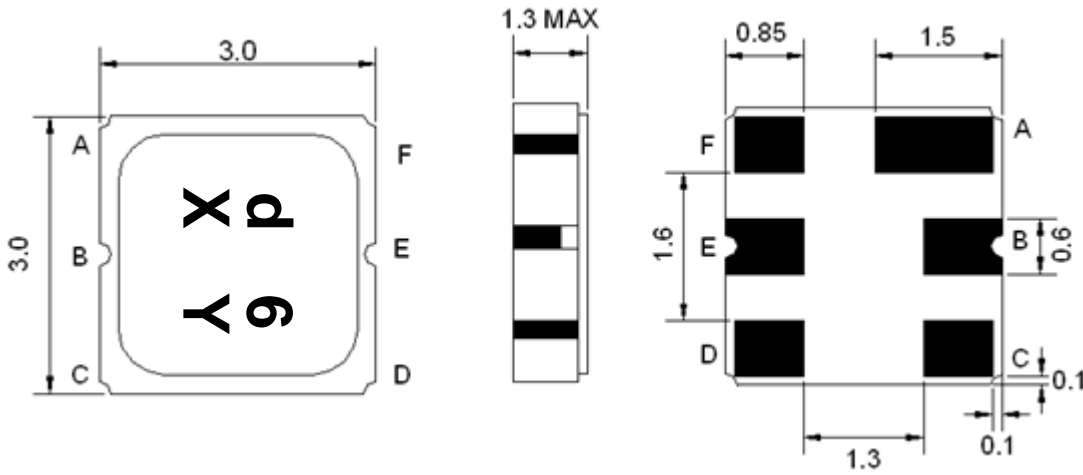
## Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-10	-	+60
Storage Temperature Range	°C	-40	-	+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	-	1727.5	-
Insertion Loss within 1710.0 ~ 1745.0 MHz	dB	-	1.7	3.0
Amplitude Ripple within 1710.0 ~ 1745.0 MHz	dB <sub>p-p</sub>	-	0.6	1.5
<b>Attenuation:</b>				
1805.0 ~ 1840.0 MHz	dB	30	34	-
VSWR within 1710.0 ~ 1745.0 MHz	-	-	1.5	2.0

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

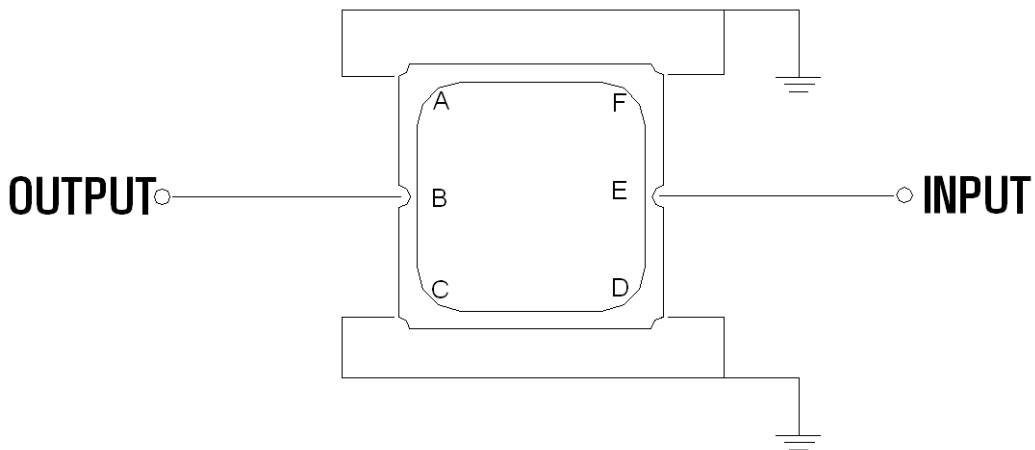
## Package Dimensions



Marking Descriptions	
d	Wireless Application
6	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

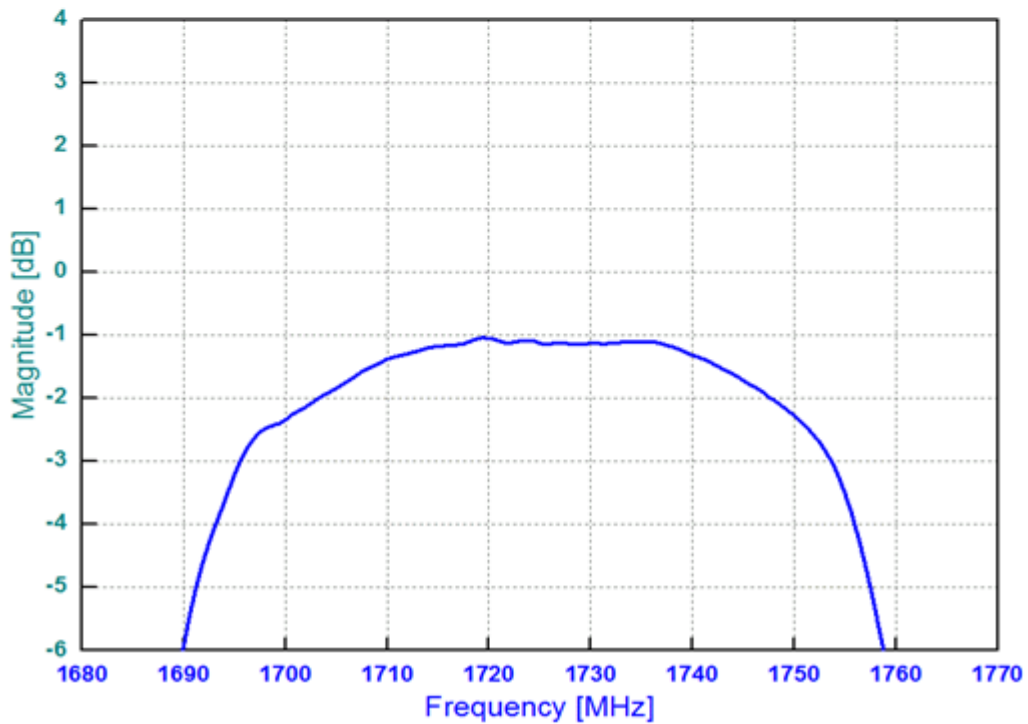
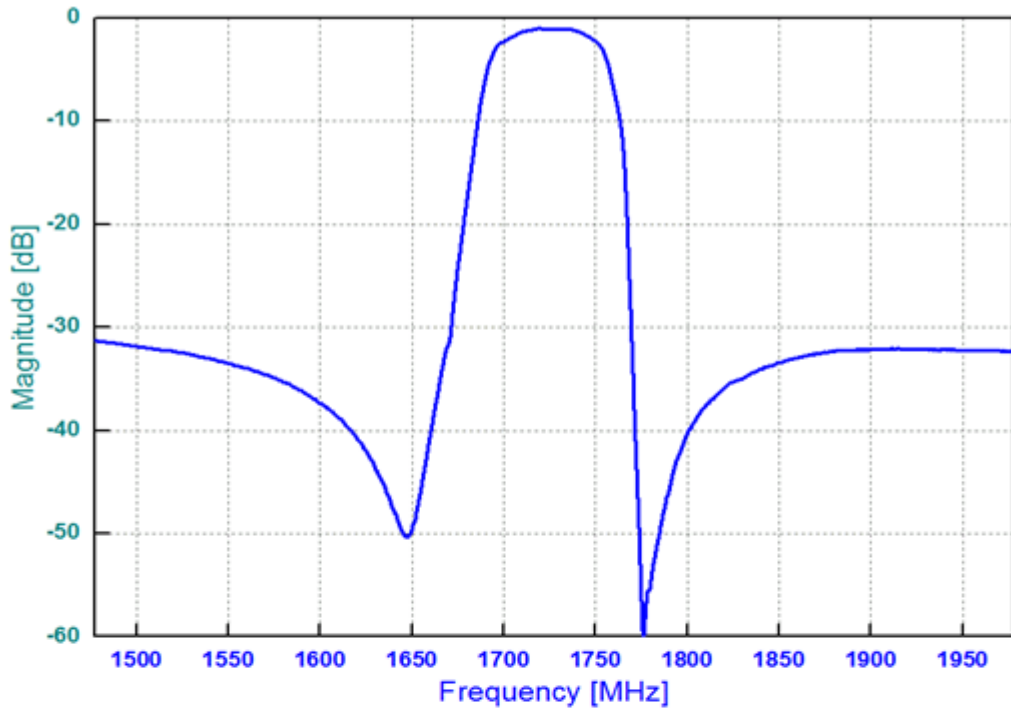
## Testing Environment



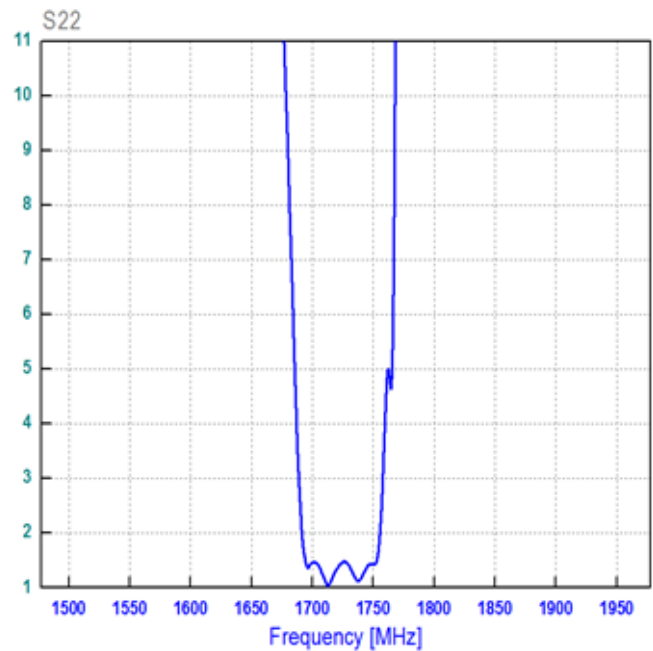
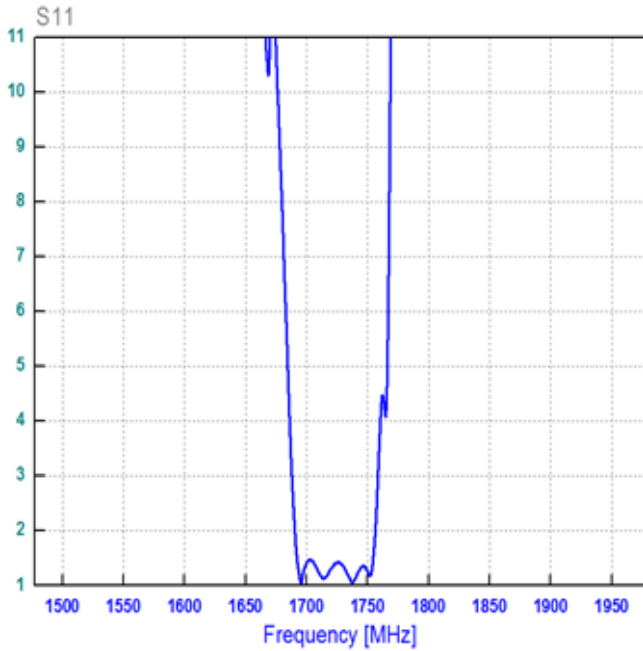
Source & Load Impedance: 50  $\Omega$

## Frequency Characteristics

Frequency Response



## VSWR



## Smith Chart

