

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

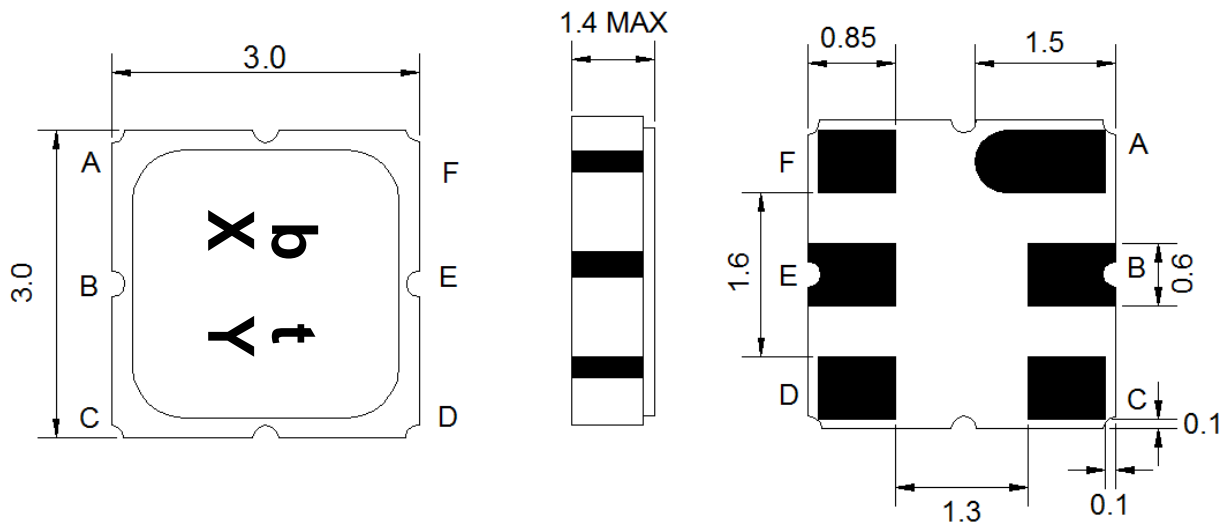
## Electrical Characteristics

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	-	-	20
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	-	707.0	-
Insertion Loss within 698.0 ~ 716.0 MHz	dB	-	2.1	3.0
Amplitude Ripple within 698.0 ~ 716.0 MHz	dB <sub>p-p</sub>	-	0.5	1.5
Return Loss within 698.0 ~ 716.0 MHz	dB	7	13	-
Attenuation(Reference level from 0 dB):				
10.0 ~ 680.0 MHz	dB	30	50	-
745.0 ~ 978.0 MHz	dB	30	42	-
978.0 ~ 996.0 MHz	dB	35	58	-
996.0 ~ 2700.0 MHz	dB	25	29	-

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

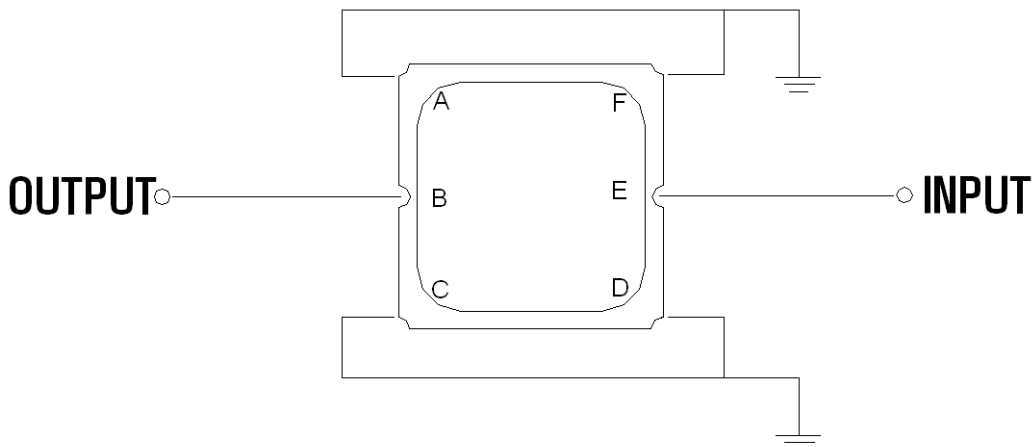
## Package Dimensions



Marking Descriptions	
b	Wireless Application
t	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

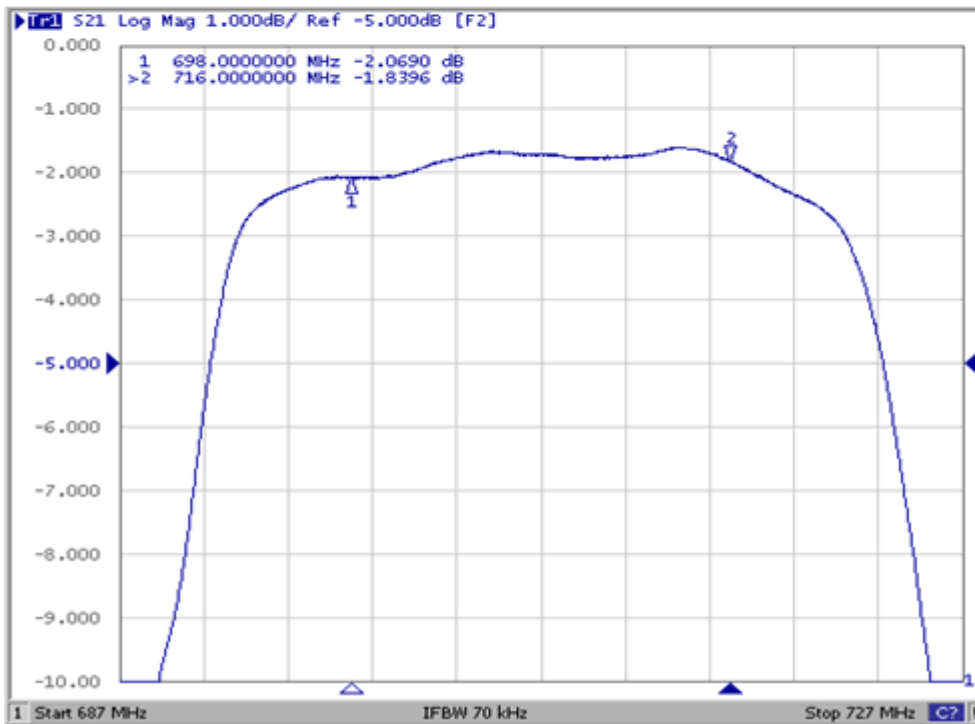
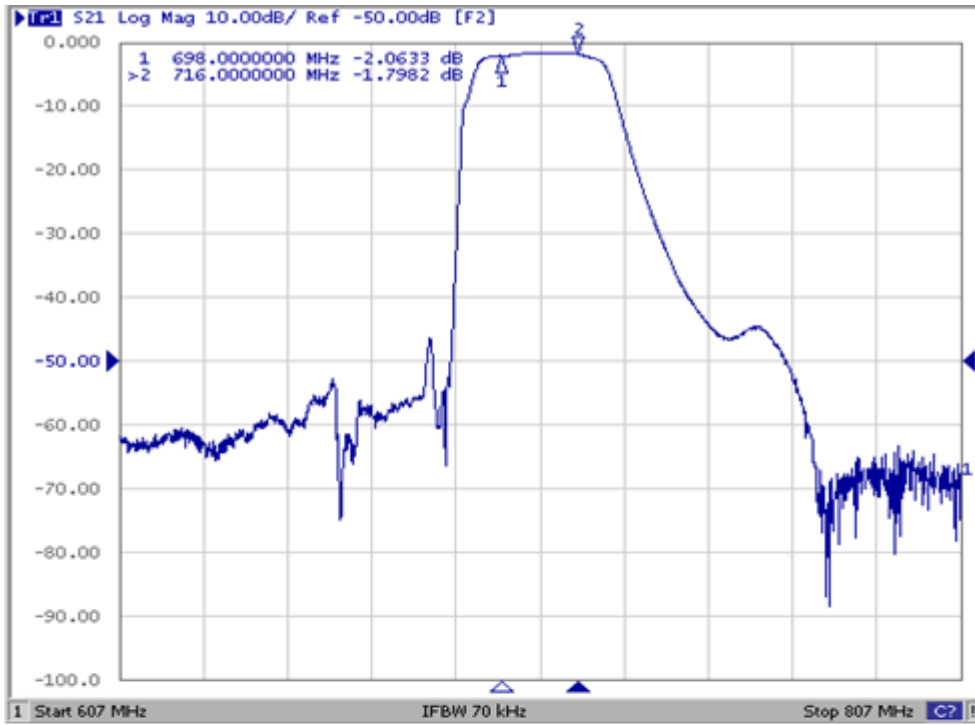
## Testing Environment



Source & Load Impedance: 50  $\Omega$

## Frequency Characteristics

### Frequency Response



**Wide Span**

