

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

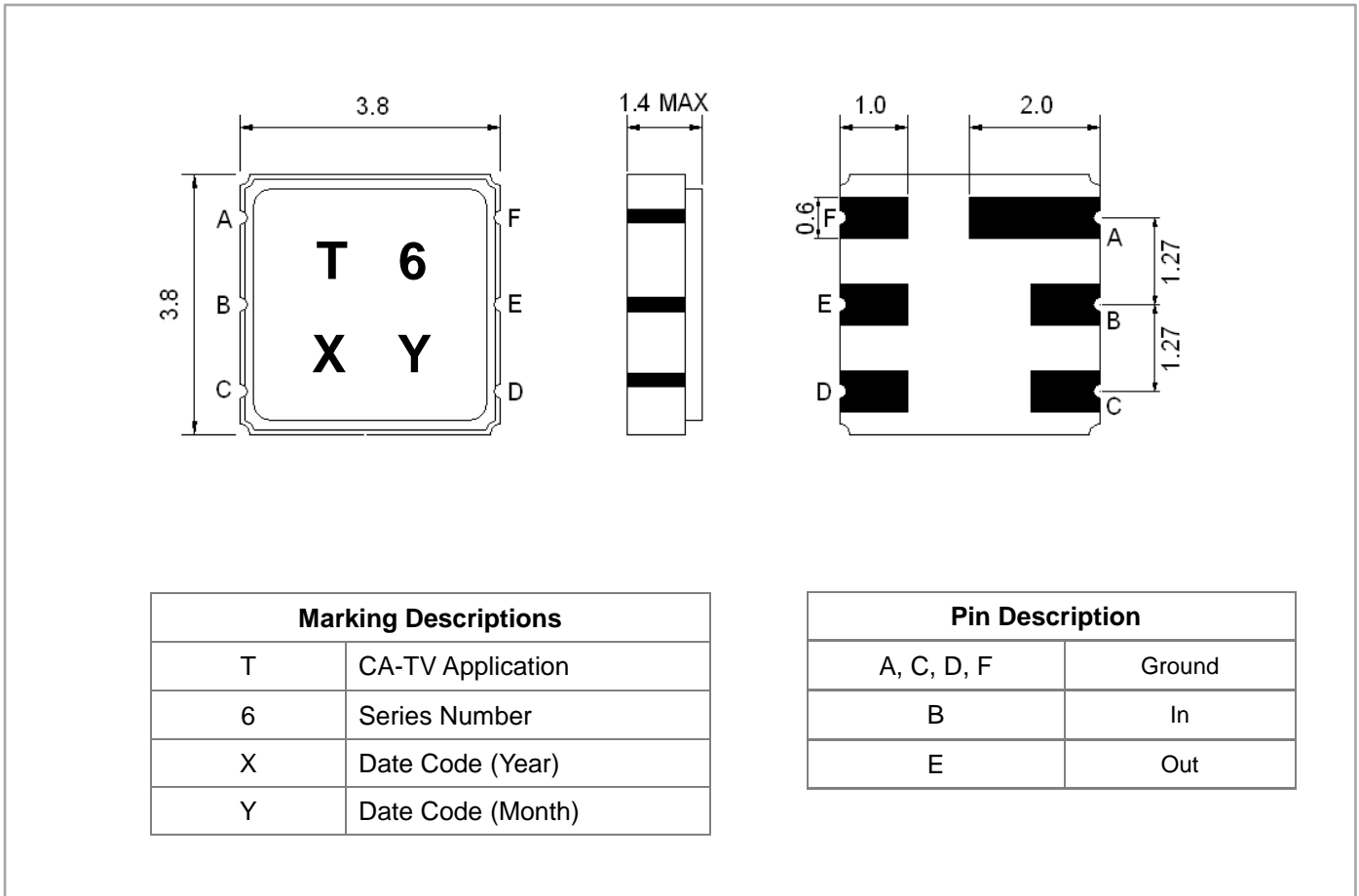
## Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+85
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	P			
Length x Width	mm <sup>2</sup>	-	3.8 x 3.8	-
Height	mm	-	-	1.4

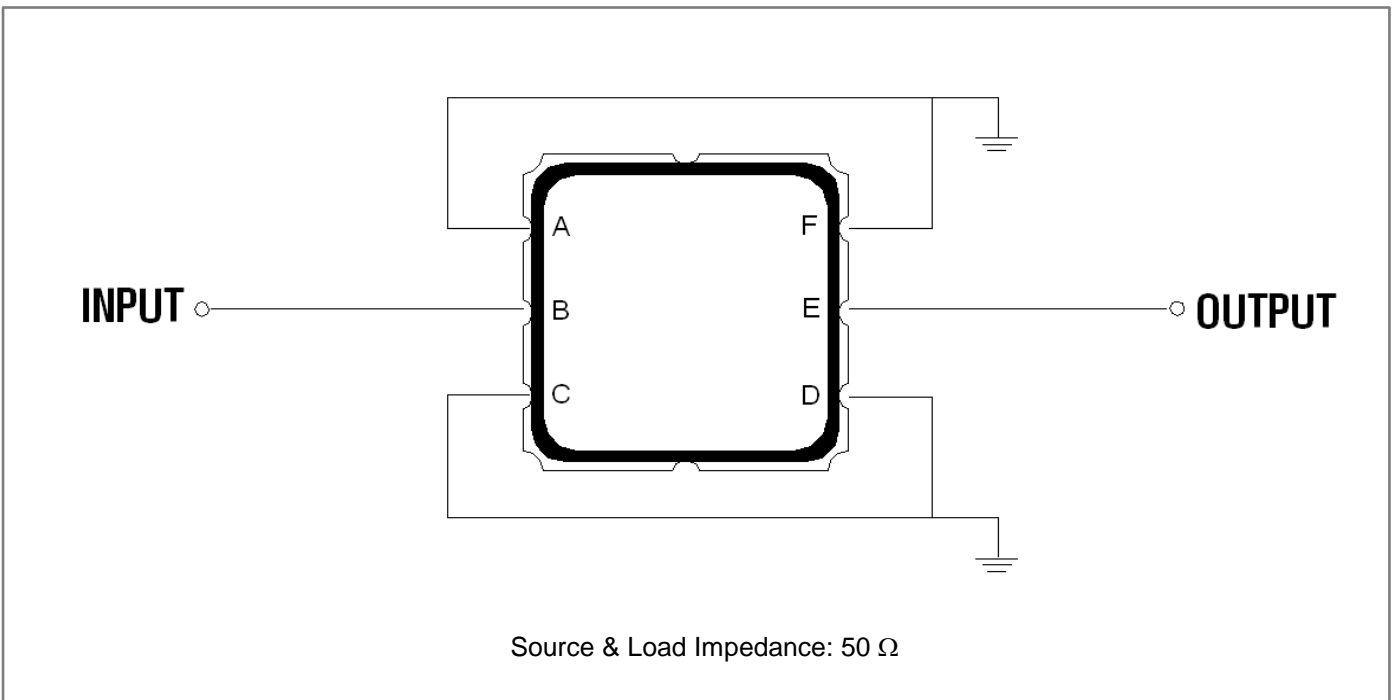
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	1090.0	-
Insertion Loss within 1075.0 ~ 1105.0 MHz	dB	-	1.5	3.0
Amplitude Ripple within 1085.0 ~ 1095.0 MHz	dB <sub>p-p</sub>	-	0.15	0.5
<b>Attenuation:</b>				
D.C ~ 970.0 MHz	dB	25	28	-
1150.0 ~ 1300.0 MHz	dB	25	32	-
VSWR within 1075.0 ~ 1105.0 MHz	-	-	1.6	2.1

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

## Package Dimensions

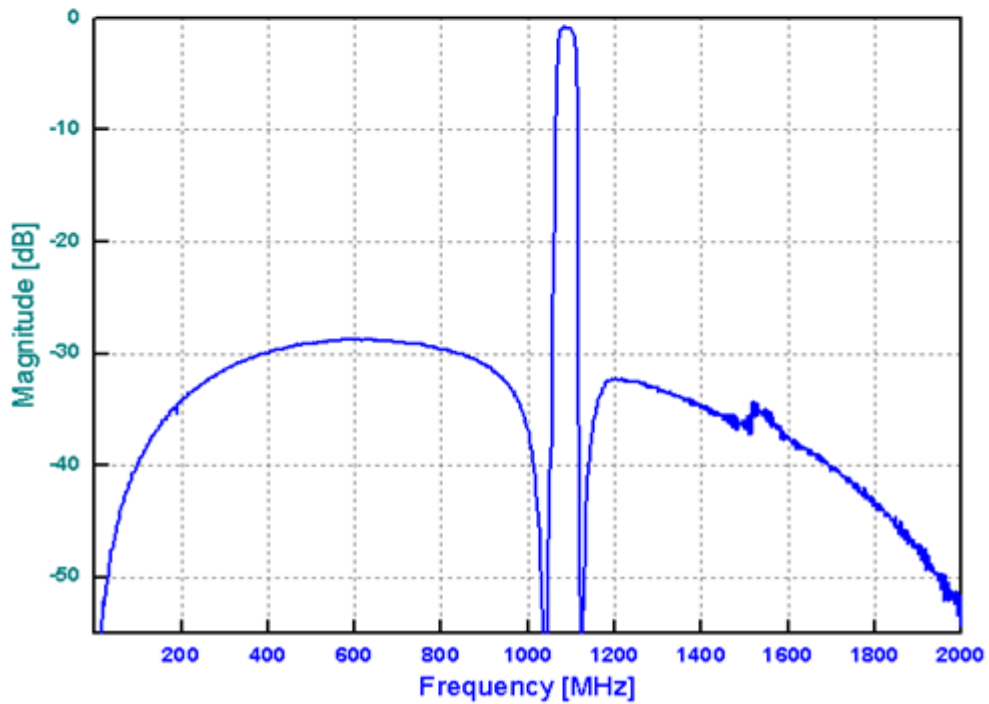
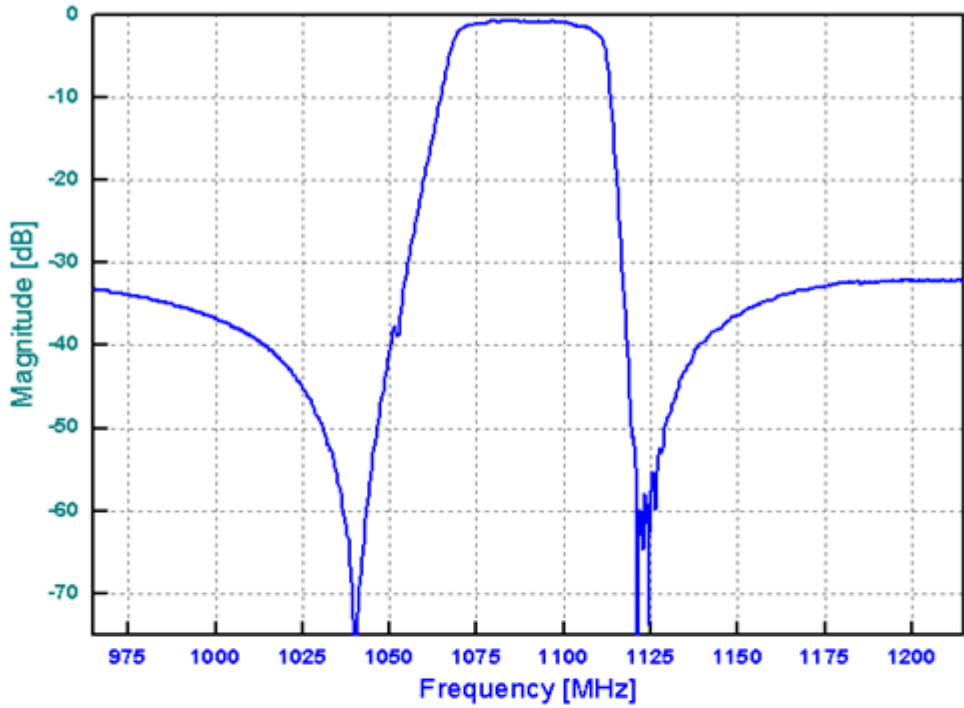


## Testing Environment

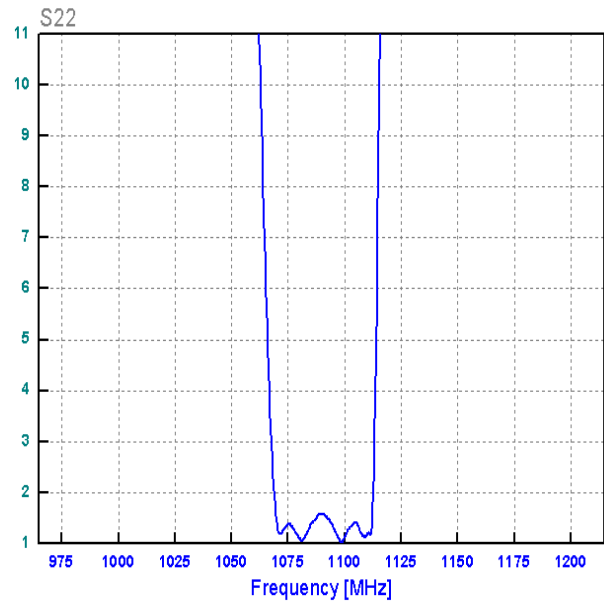
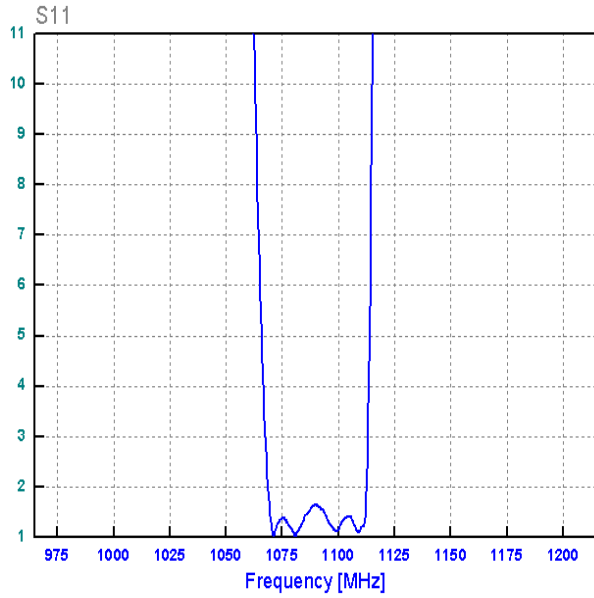


## Frequency Characteristics

Frequency Response



## VSWR



## Smith Chart

