

- Wireless, RF SAW Filter
- Revision 0: May 2013

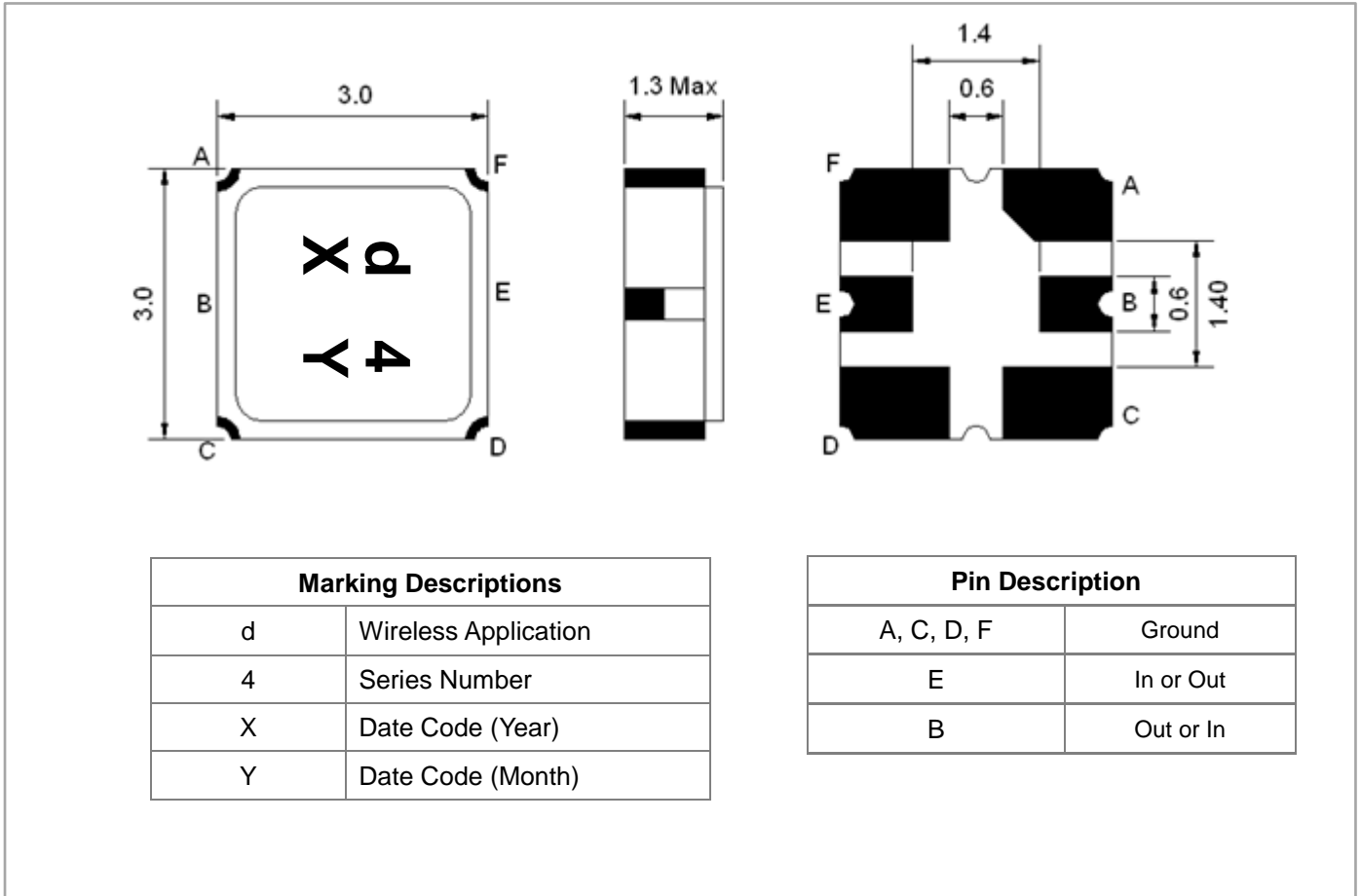
## Electrical Characteristics

MAXIMUM RATINGS				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-40	-	+85
Storage Temperature Range	°C	-45	-	+85
Maximum DC Voltage	V	-	-	12
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	S22			
Length x Width	mm <sup>2</sup>	-	3.0 x 3.0	-
Height	mm	-	-	1.3

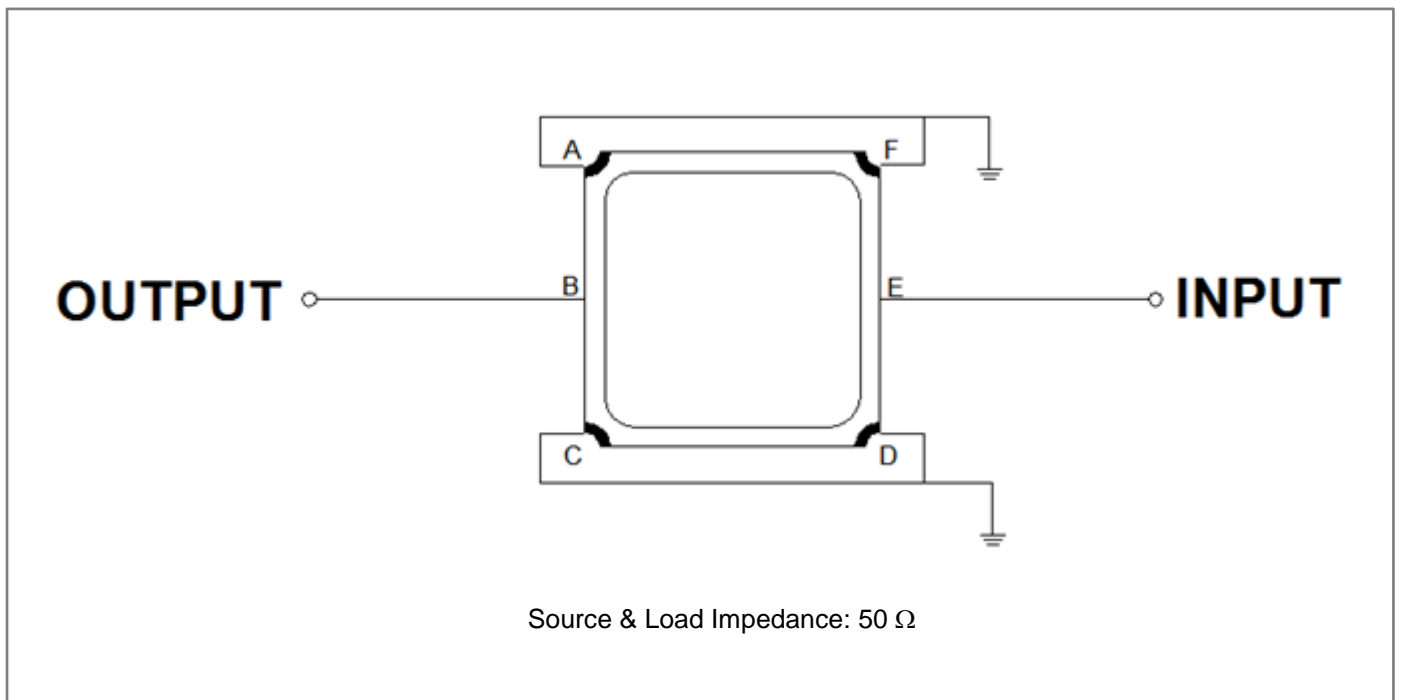
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	1087.0	-
Insertion Loss within 1062.0 ~ 1112.0 MHz	dB	-	3.0	3.5
Amplitude Ripple within 1062.0 ~ 1112.0 MHz	dB <sub>p-p</sub>	-	0.7	1.5
Absolute Group Delay within 1062.0 ~ 1112.0MHz	ns	-	6	30
<b>Attenuation:</b>				
0.3 ~ 960.0 MHz	dB	40	47	-
960.0 ~ 1037.0 MHz	dB	5	12	-
1149.0 ~ 1240.0 MHz	dB	15	21	-
1240.0 ~ 1410.0 MHz	dB	40	48	-
1700.0 ~ 2500.0 MHz	dB	30	39	-
3000.0 ~ 4000.0 MHz	dB	25	35	-
VSWR within 1062.0 ~ 1112.0 MHz	-	-	1.7	2.0

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

## Package Dimensions

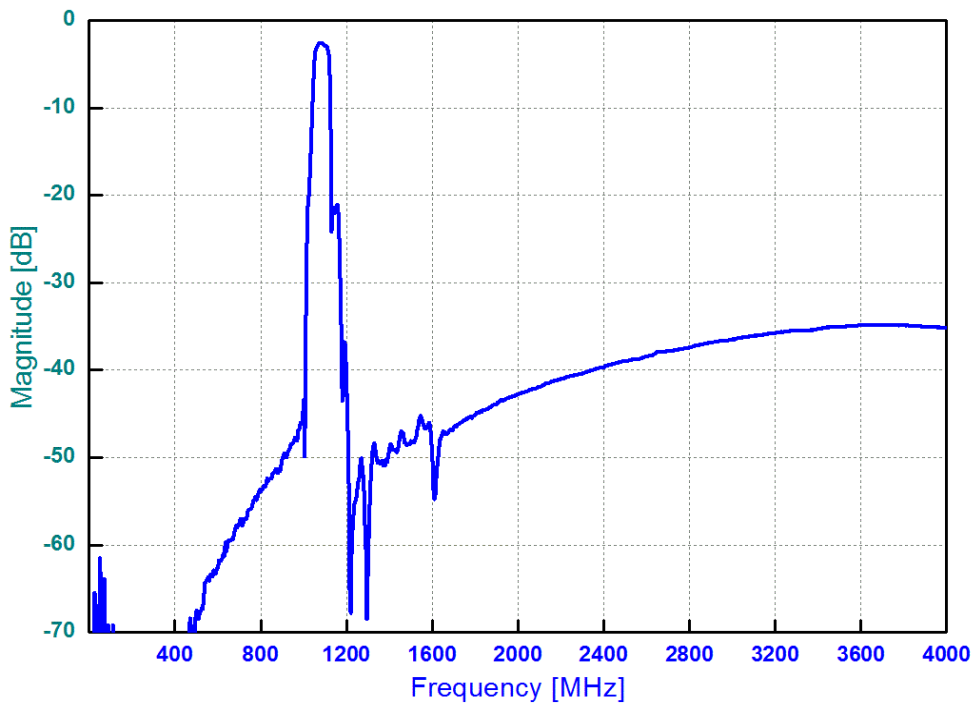
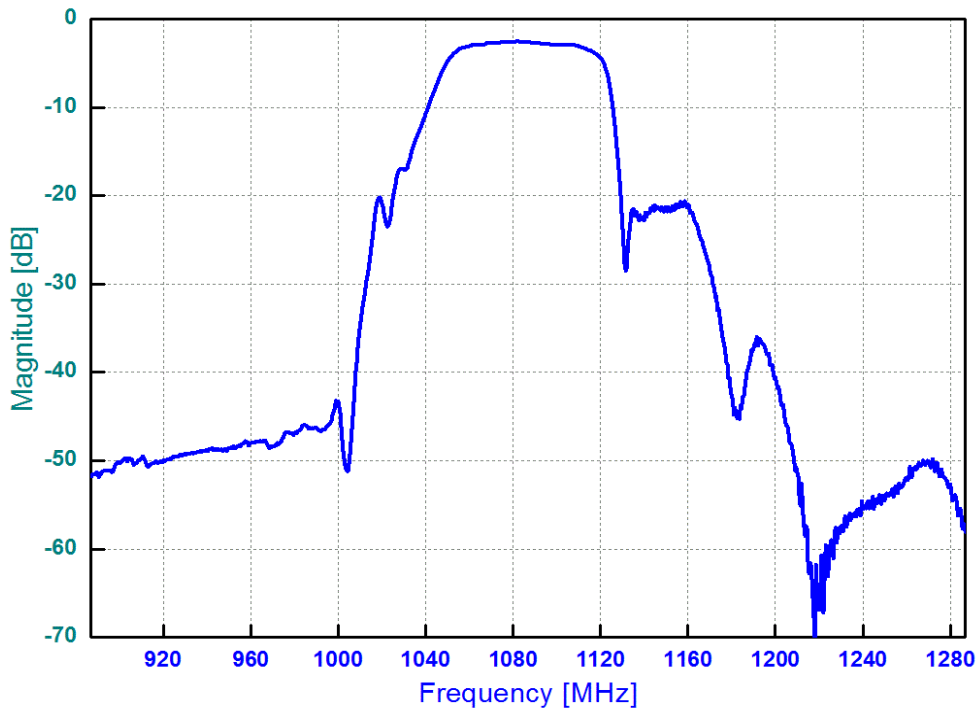


## Testing Environment

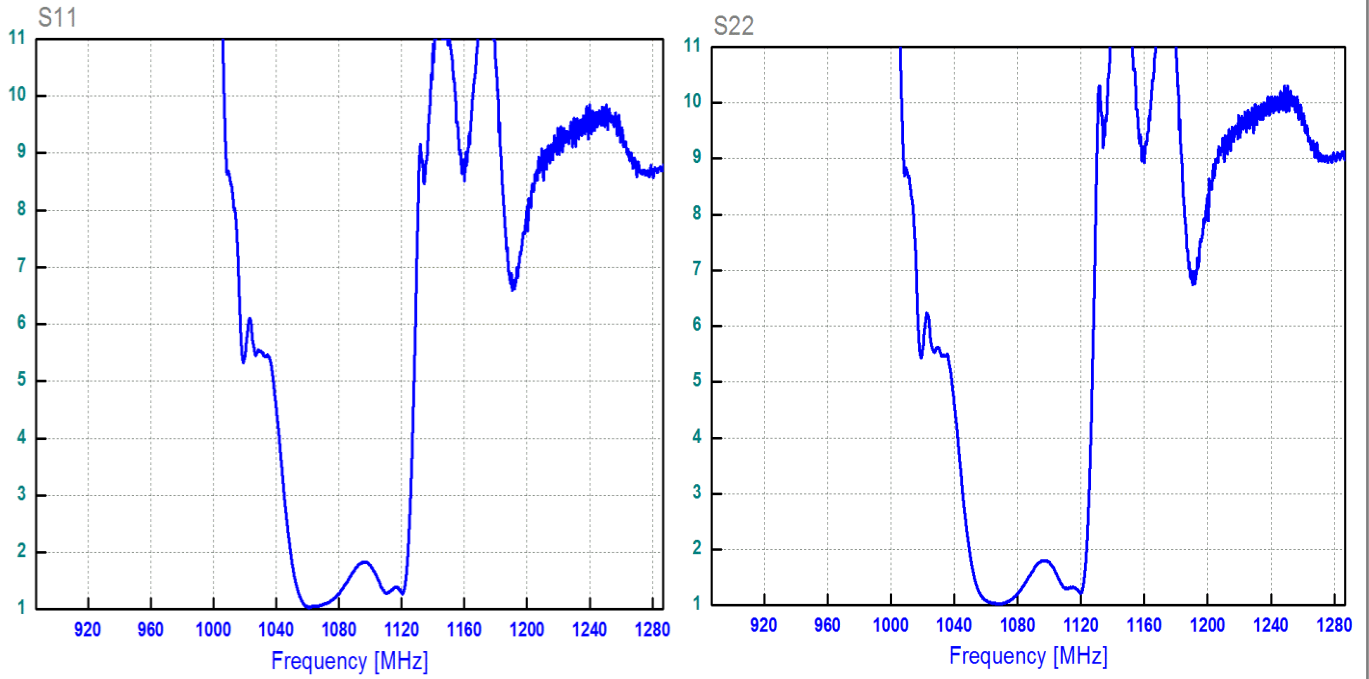


## Frequency Characteristics

Frequency Response



### VSWR



### Smith Chart

