

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

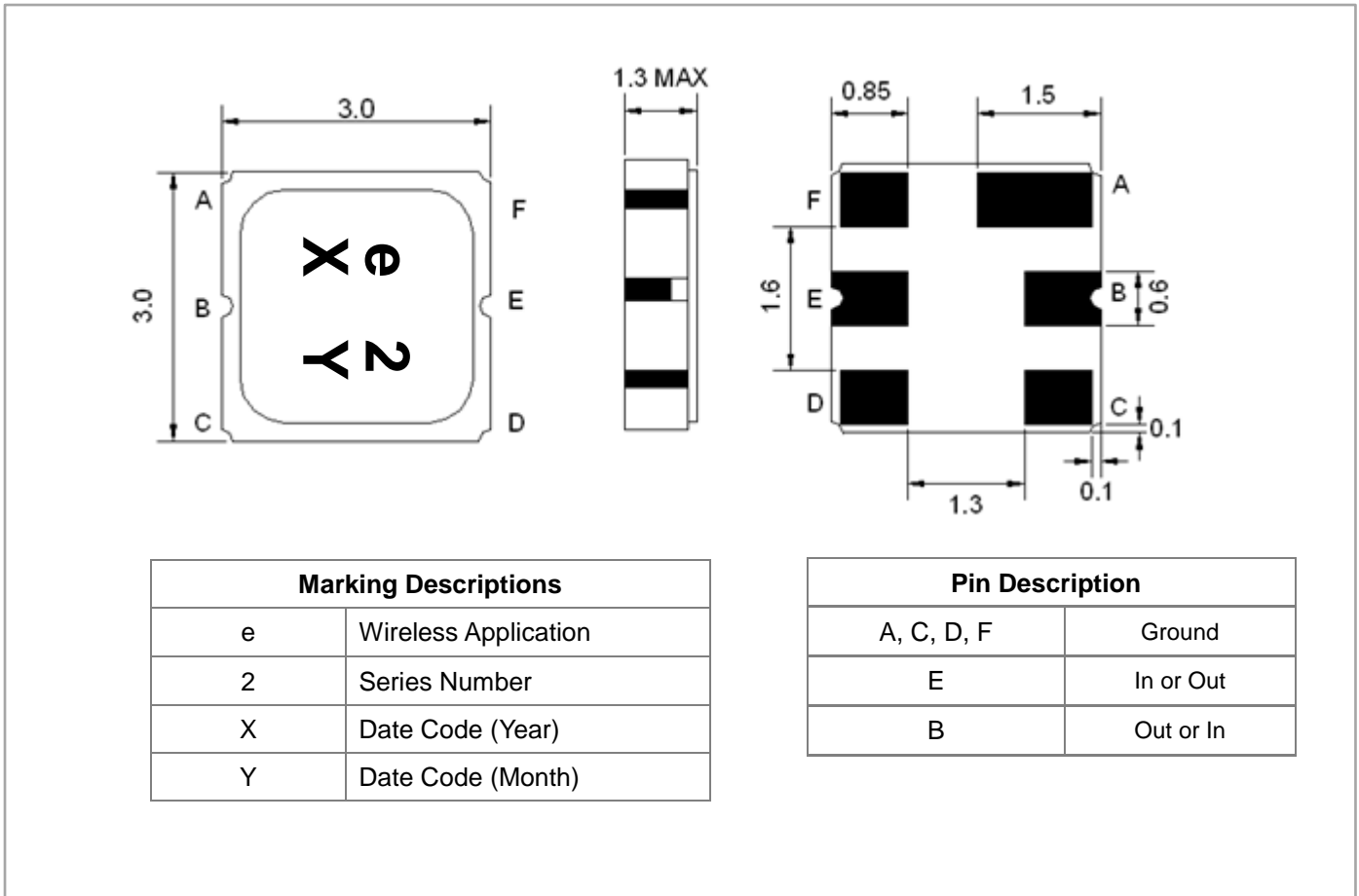
## Electrical Characteristics

MAXIMUM RATINGS				
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	S20			
Length x Width	mm <sup>2</sup>	-	3.0 x 3.0	-
Height	mm	-	-	1.3

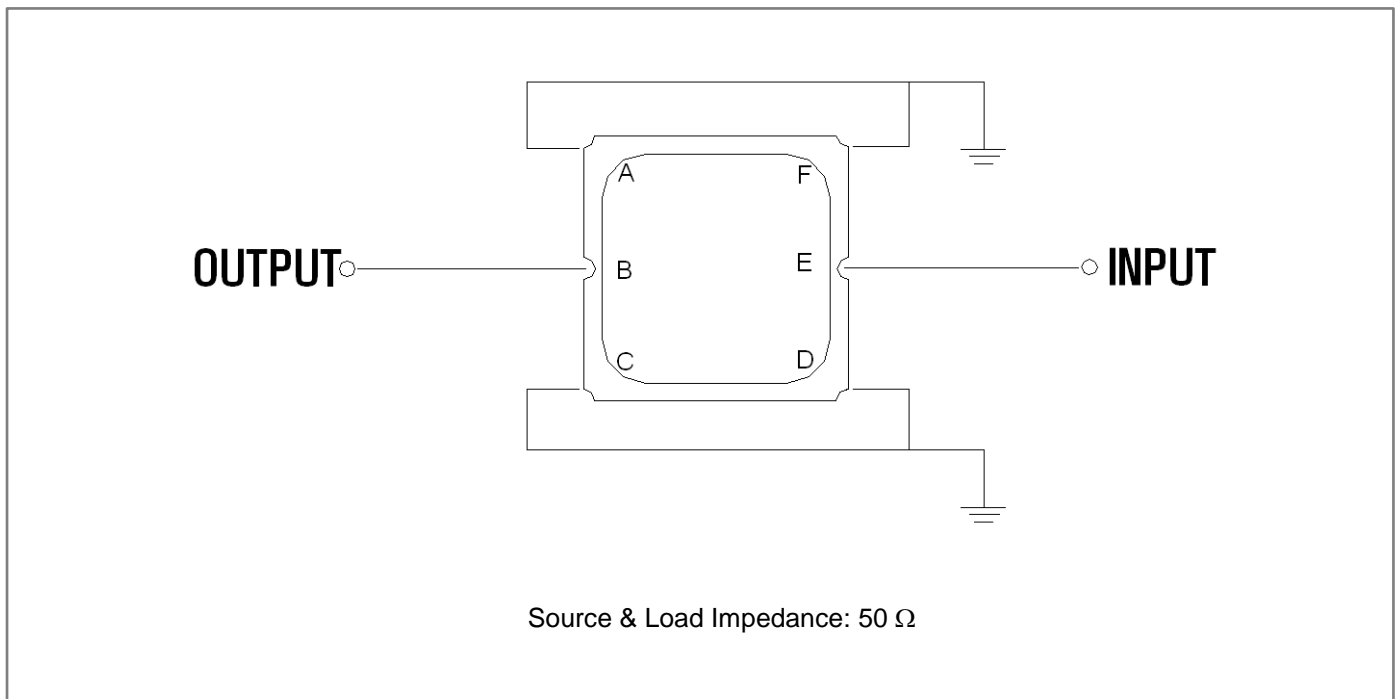
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	2595.0	-
Insertion Loss within 2570.0 ~ 2620.0 MHz	dB	-	1.8	2.5
Amplitude Ripple within 2570.0 ~ 2620.0 MHz	dB <sub>p-p</sub>	-	0.8	1.5
<b>Attenuation:</b>				
2200.0 ~ 2510.0 MHz	dB	25	33	-
2680.0 ~ 2705.0 MHz	dB	35	50	-
2705.0 ~ 2900.0 MHz	dB	30	43	-
VSWR within 2570.0 ~ 2620.0 MHz	-	-	2.2	2.5

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

## Package Dimensions

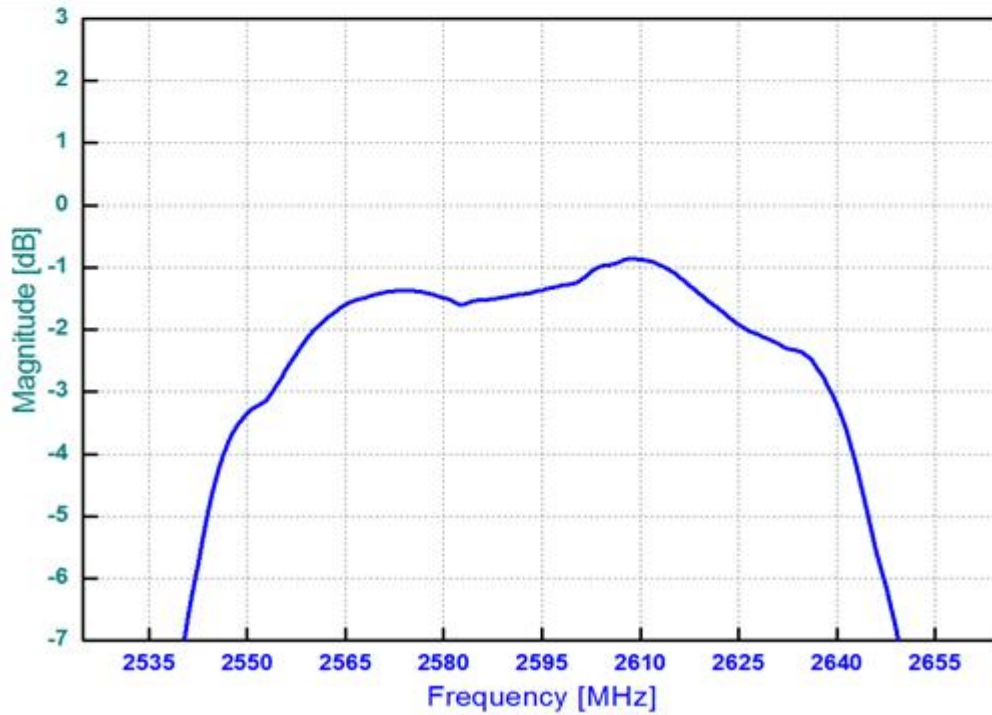
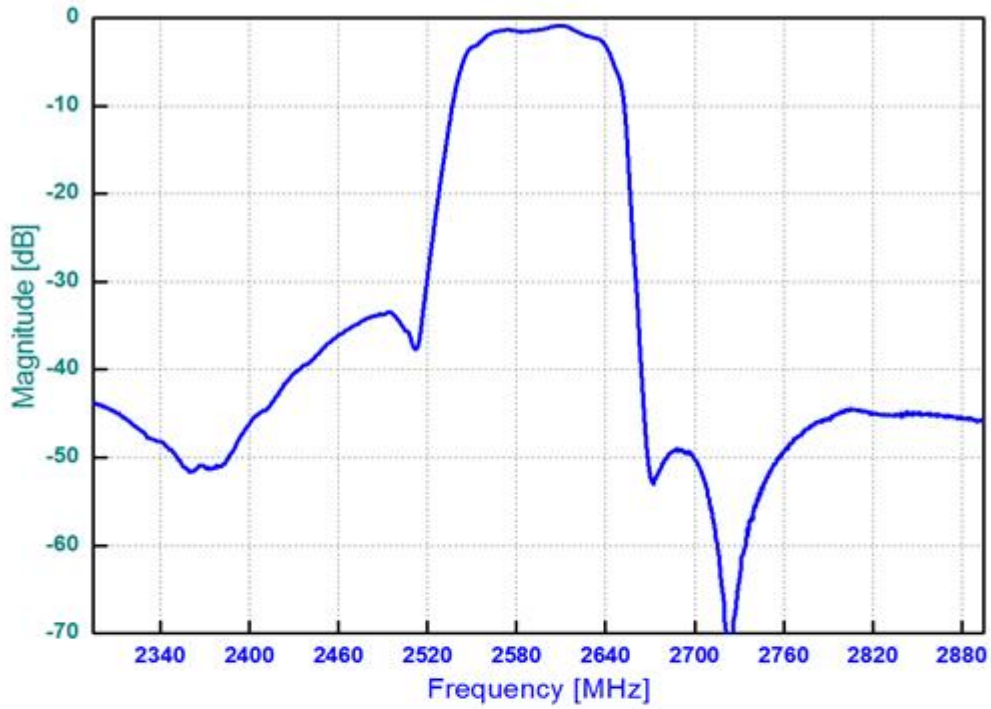


## Testing Environment

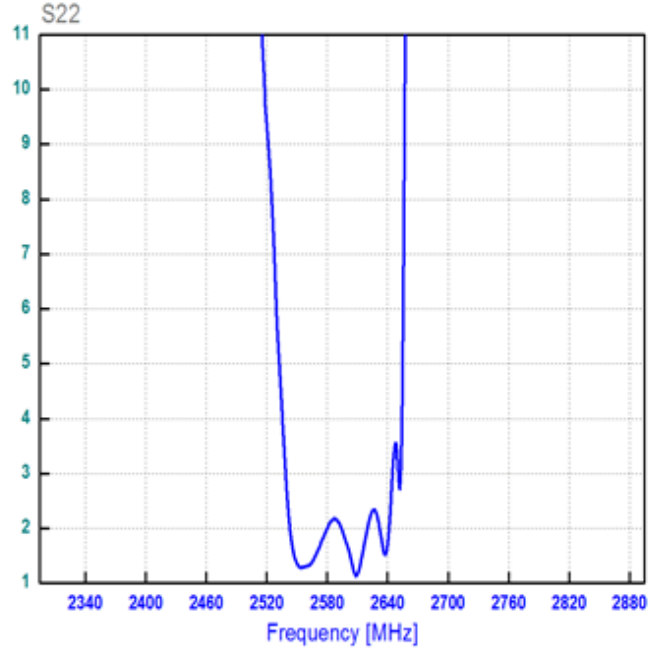
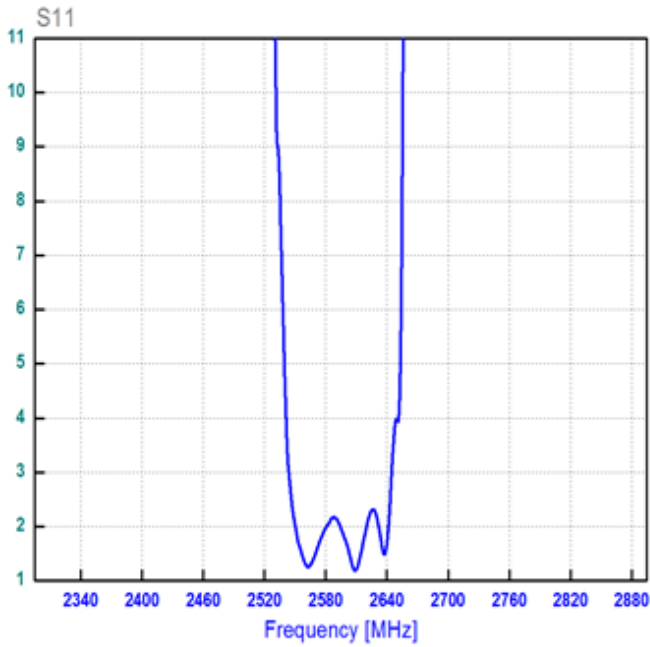


## Frequency Characteristics

Frequency Response



## VSWR



## Smith Chart

