

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

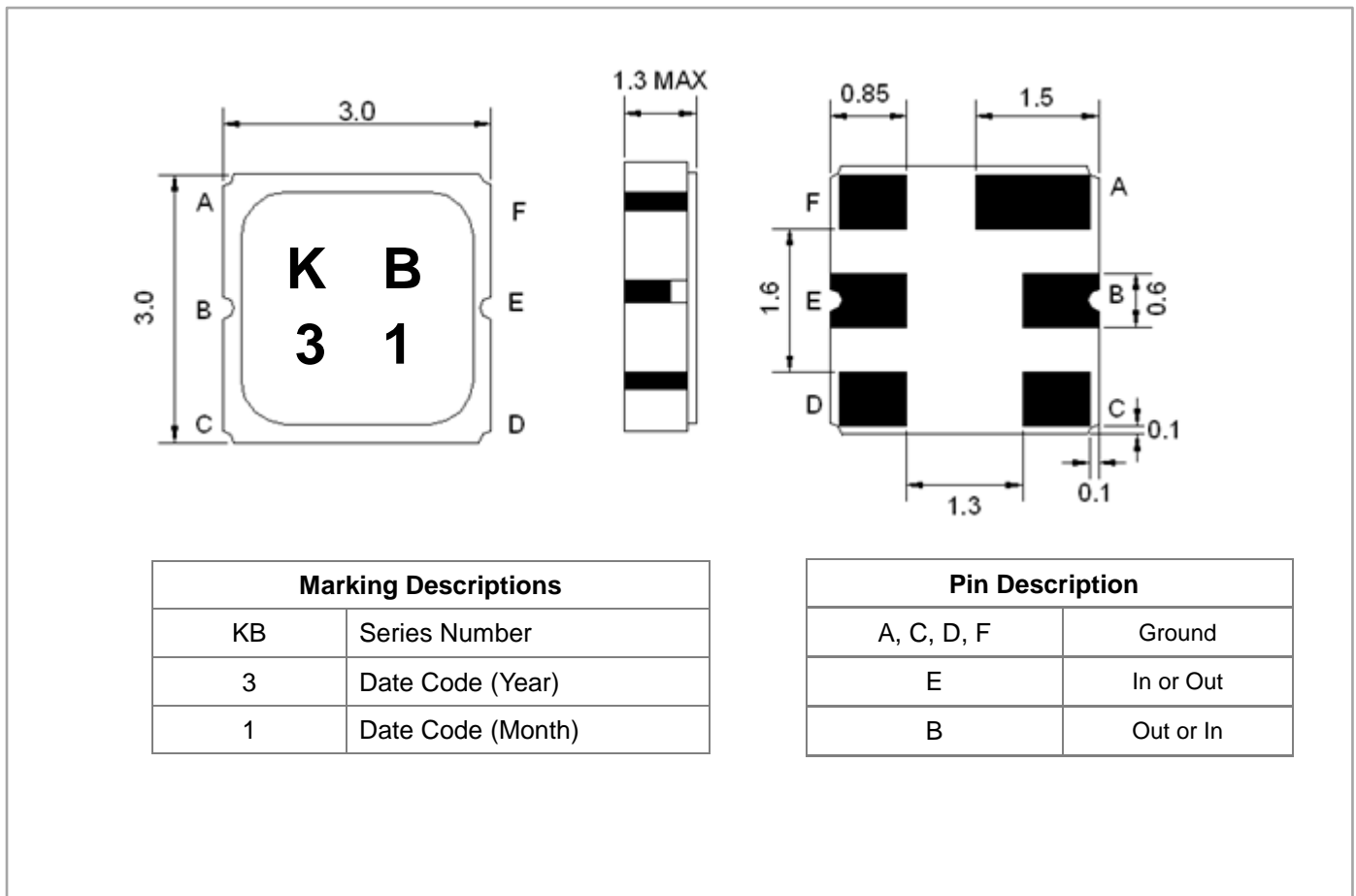
## Electrical Characteristics

MAXIMUM RATINGS				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-45	-	+85
Storage Temperature Range	°C	-45	-	+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

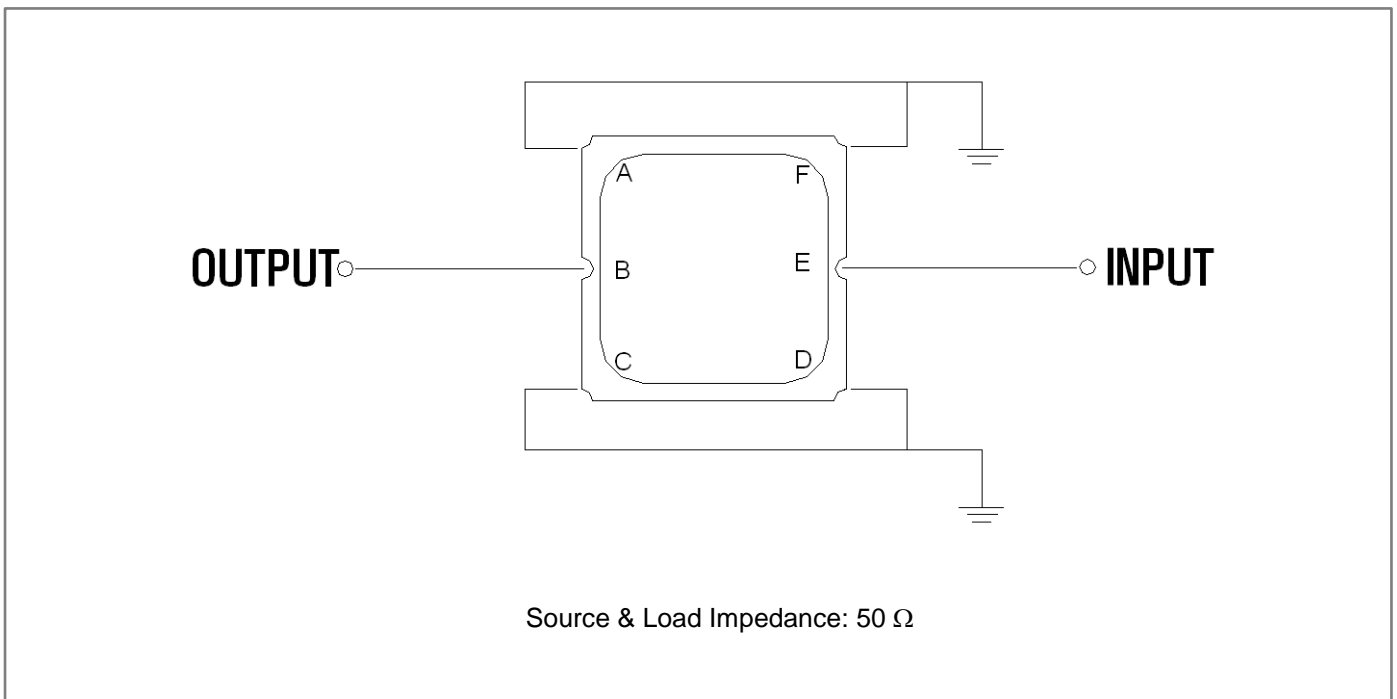
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	1575.4	-
Insertion Loss within 1564.4 ~ 1586.4 MHz	dB	-	1.2	3.0
Amplitude Ripple within 1564.4 ~ 1586.4 MHz	dB <sub>p-p</sub>	-	0.3	1.2
<b>Attenuation:</b>				
1520.4 MHz (Fo - 55.0 MHz)	dB	30	40	-
1630.4 MHz (Fo + 55.0 MHz)	dB	40	53	-
VSWR within 1564.4 ~ 1586.4 MHz	-	-	1.6	2.2

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

## Package Dimensions

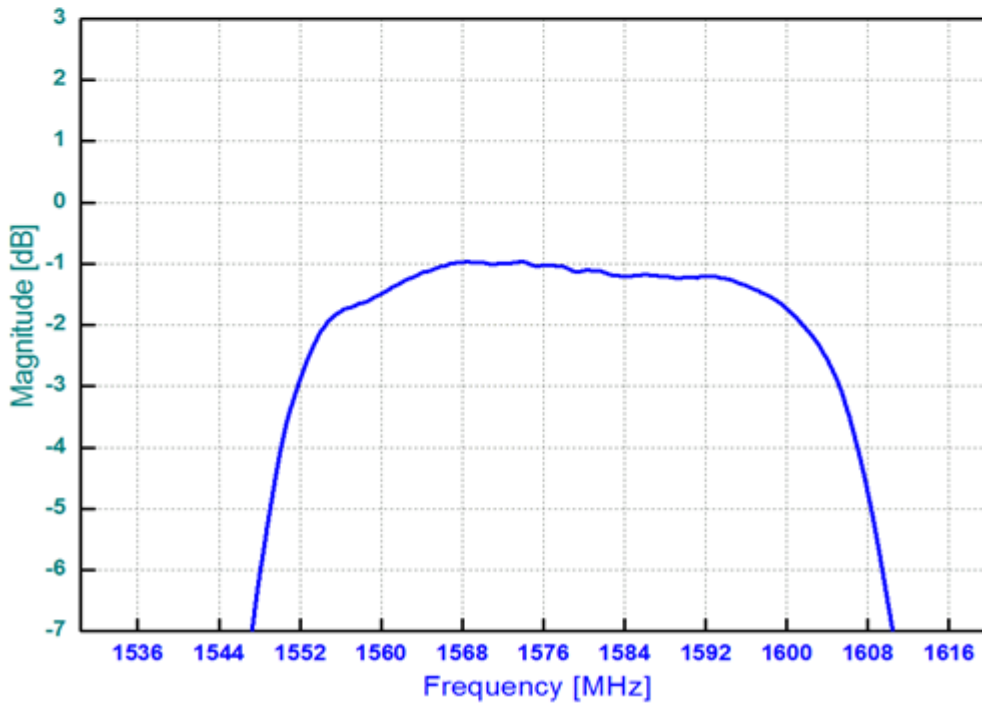
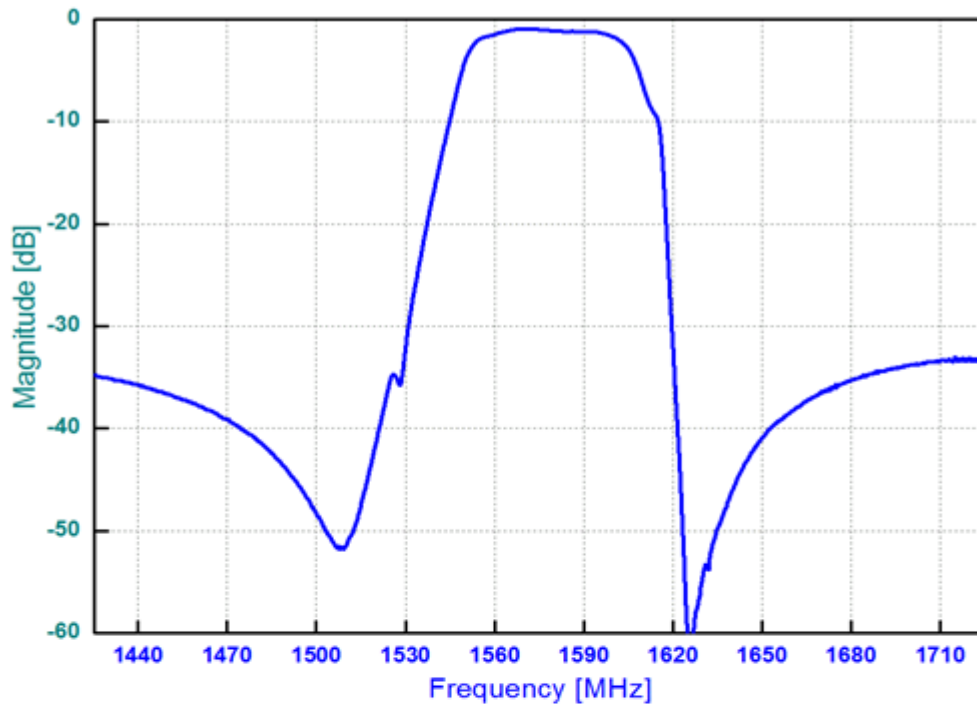


## Testing Environment

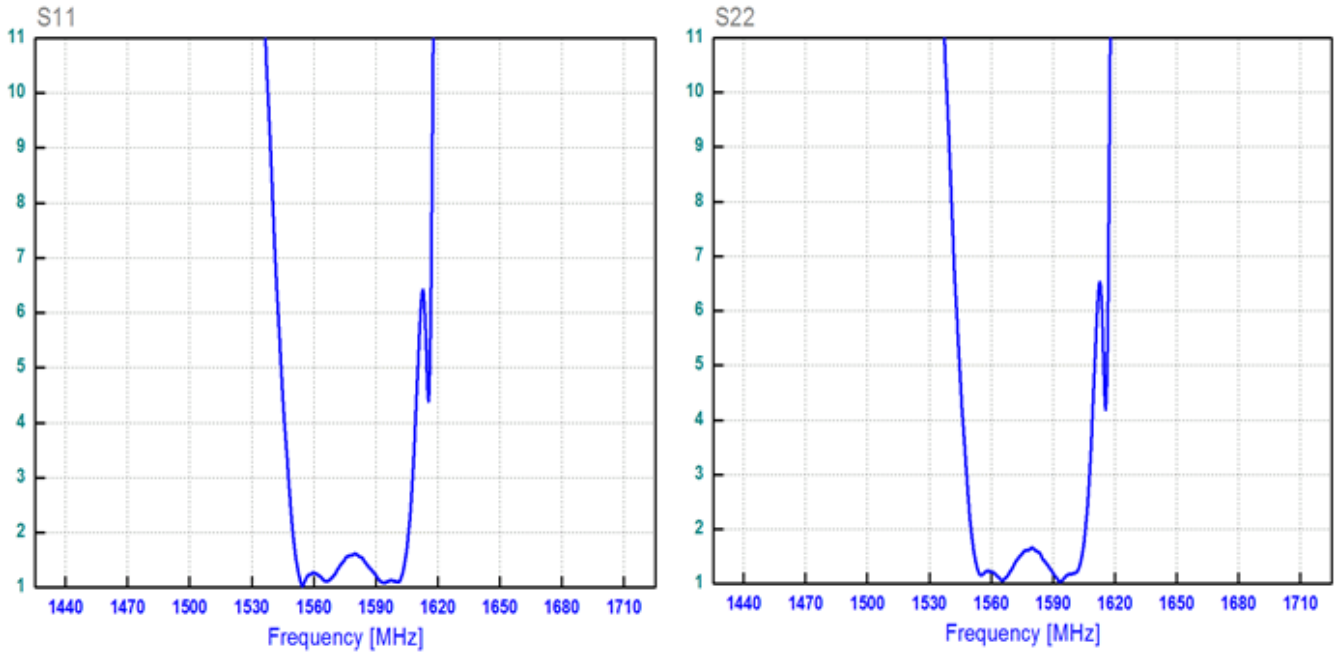


## Frequency Characteristics

Frequency Response



### VSWR



### Smith Chart

