

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

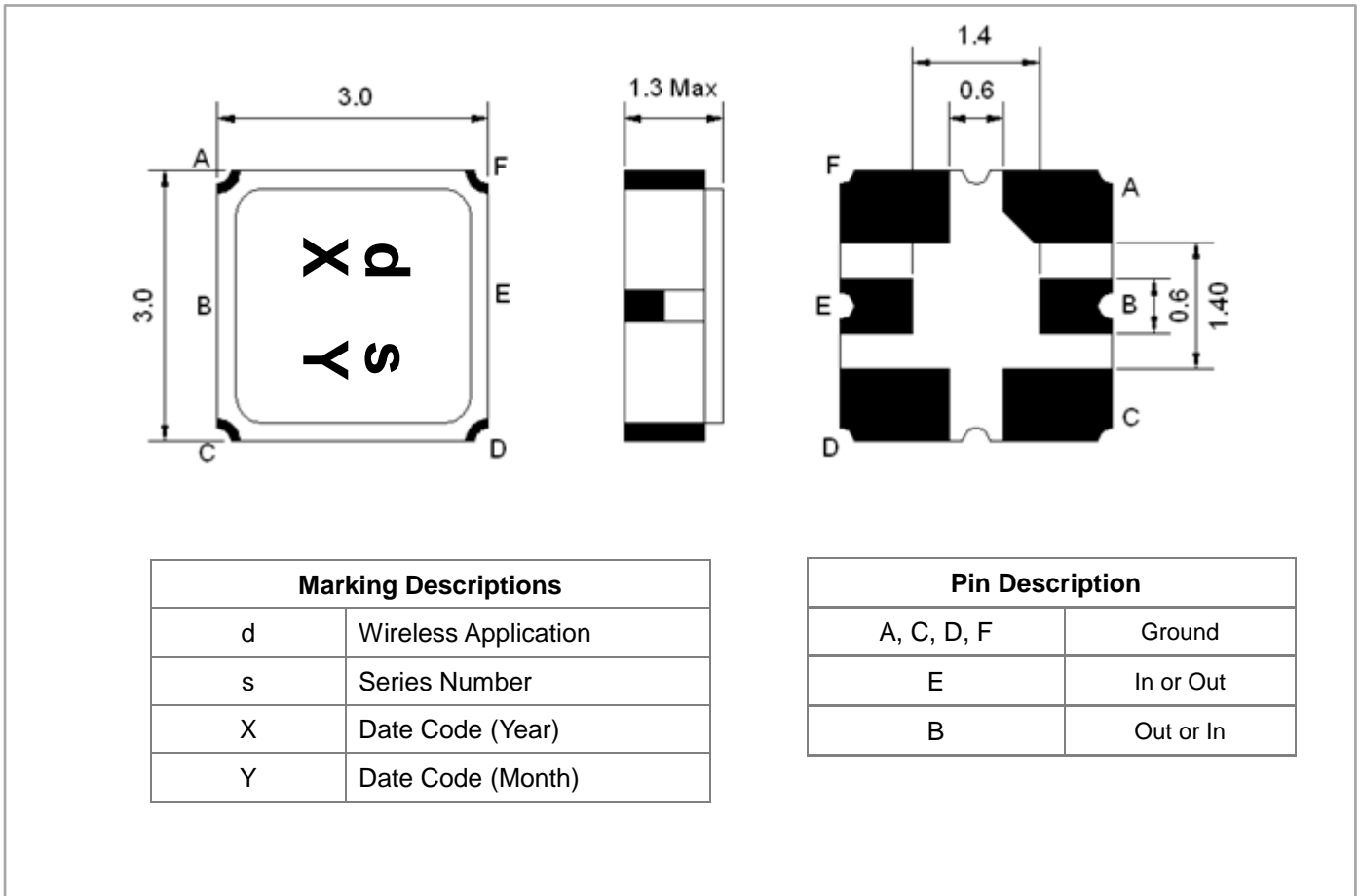
## Electrical Characteristics

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	-	-	25
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

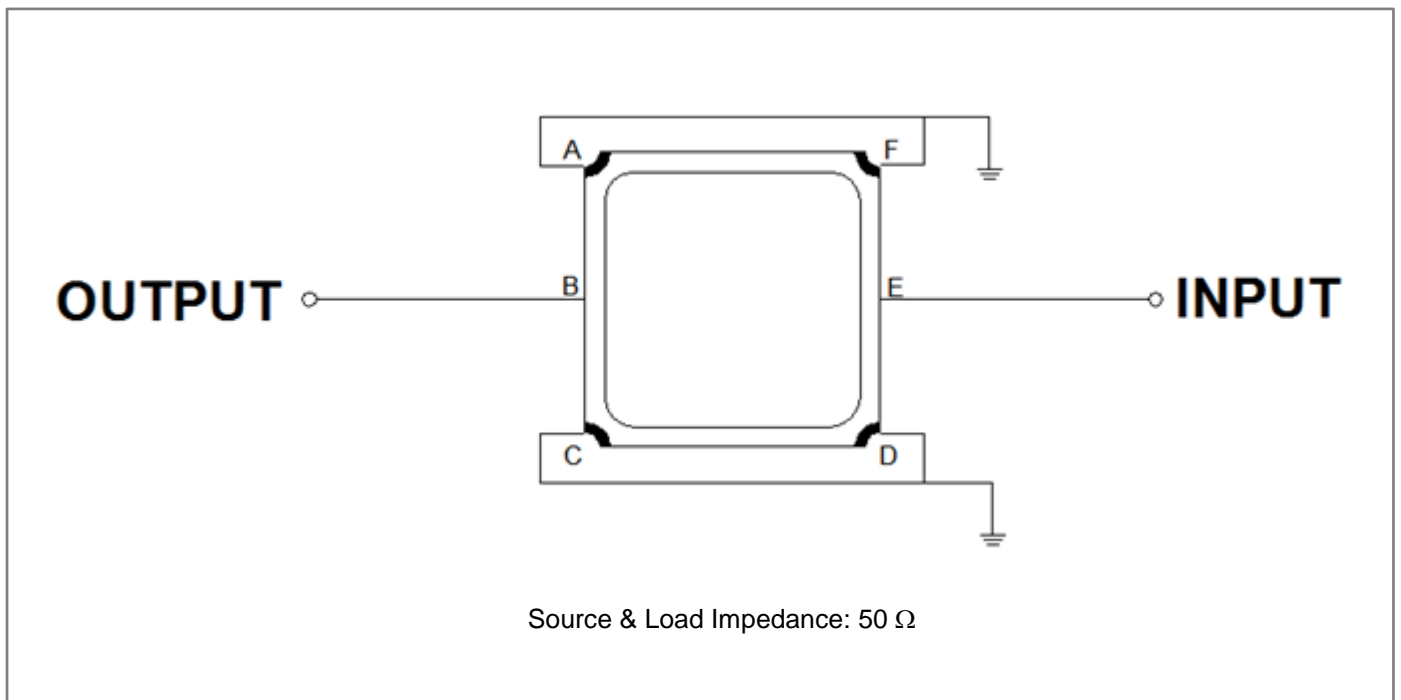
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	1150.0	-
Insertion Loss within 1125.0 ~ 1175.0 MHz	dB	-	3.0	3.5
Amplitude Ripple within 1125.0 ~ 1175.0 MHz	dB <sub>p-p</sub>	-	0.7	1.5
<b>Attenuation:</b>				
D.C. ~ 860.0 MHz	dB	40	50	-
975.0 ~ 1025.0 MHz	dB	40	46	-
1300.0 ~ 1350.0 MHz	dB	35	47	-
1475.0 ~ 1525.0 MHz	dB	40	45	-
2300.0 MHz	dB	30	37	-
Return Loss within 1125.0 ~ 1175.0 MHz	dB	10	12	-

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

## Package Dimensions

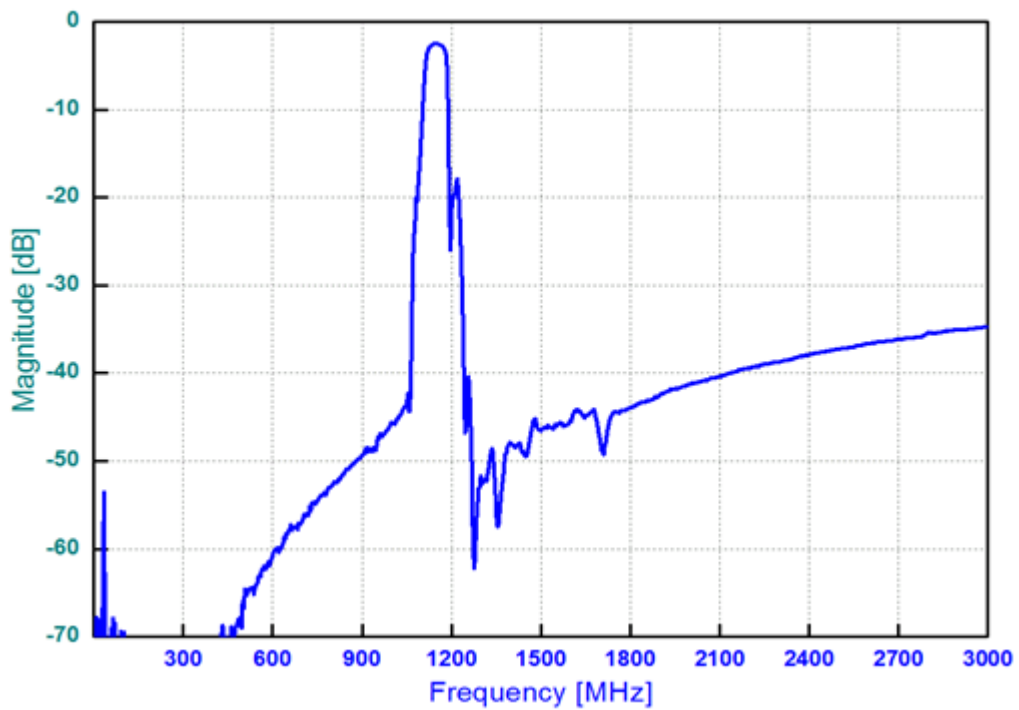
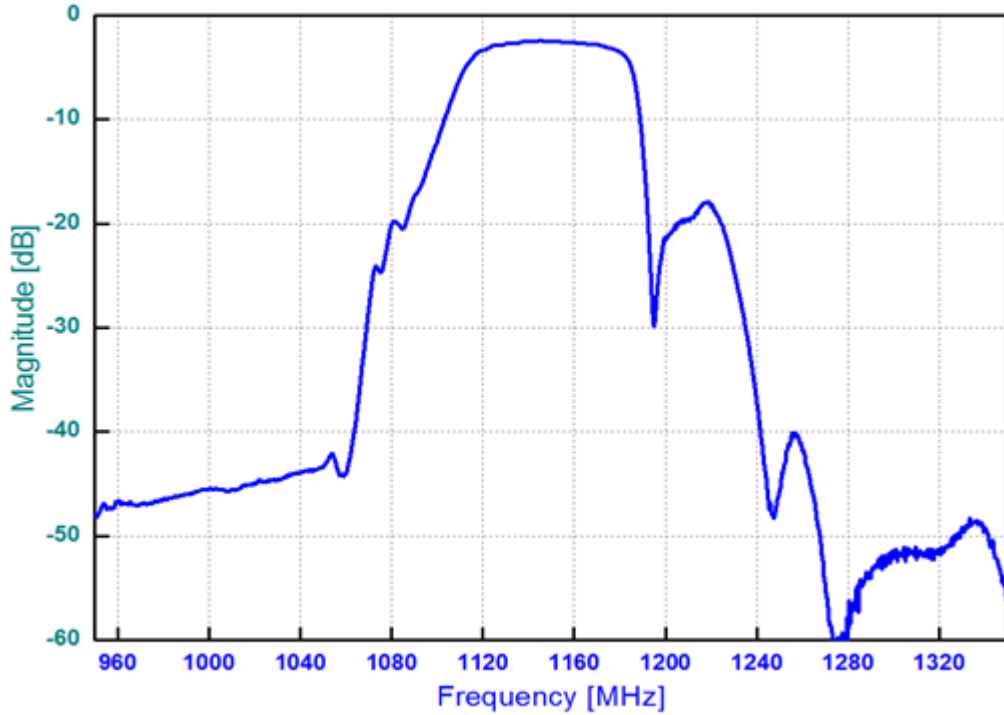


## Testing Environment

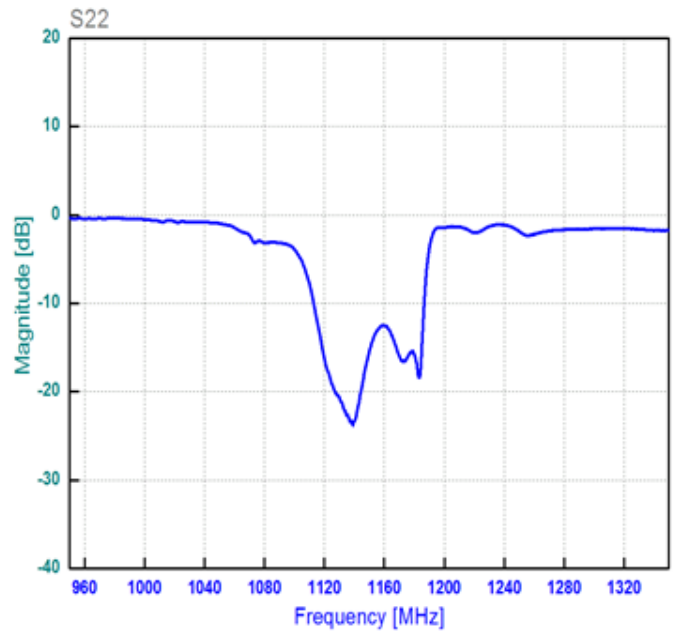
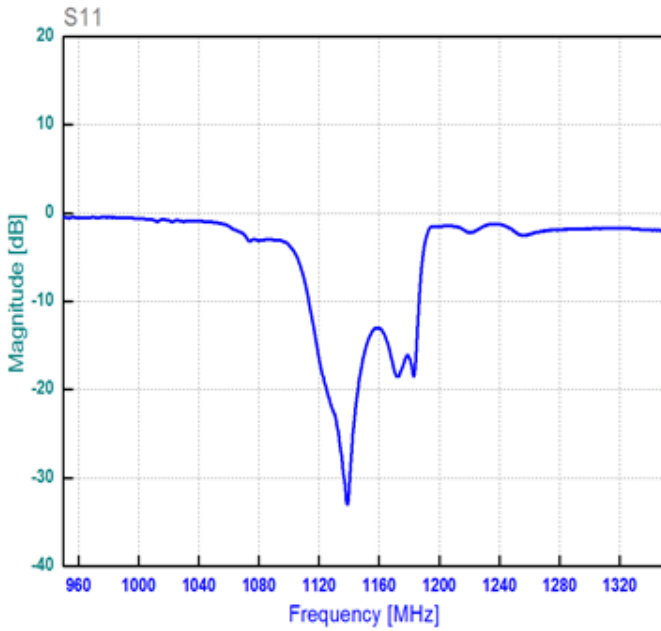


## Frequency Characteristics

Frequency Response



## Return Loss



## Smith Chart

