

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

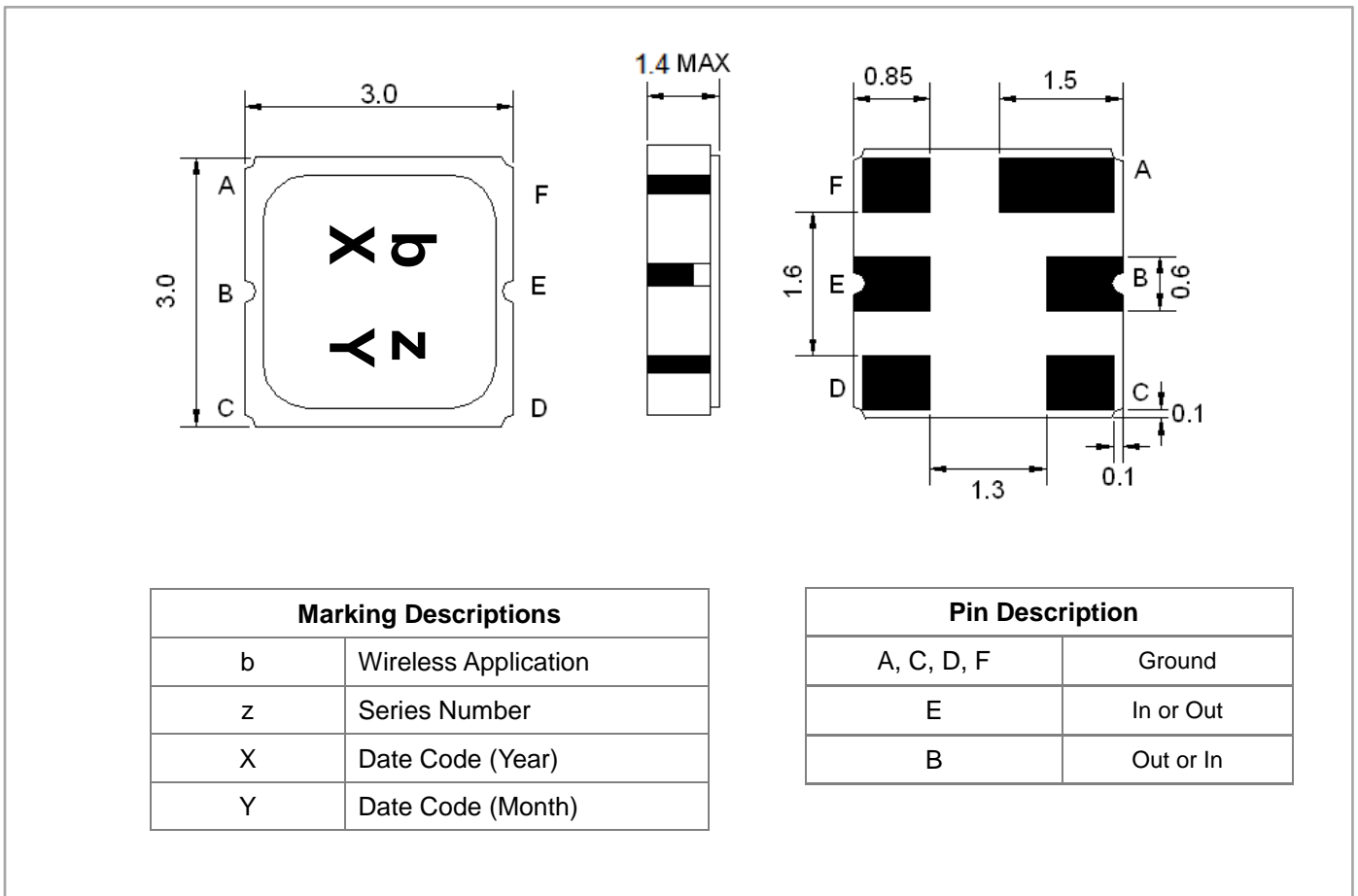
## Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-40	-	+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	M			
Length x Width	mm <sup>2</sup>	-	3.0 x 3.0	-
Height	mm	-	-	1.3

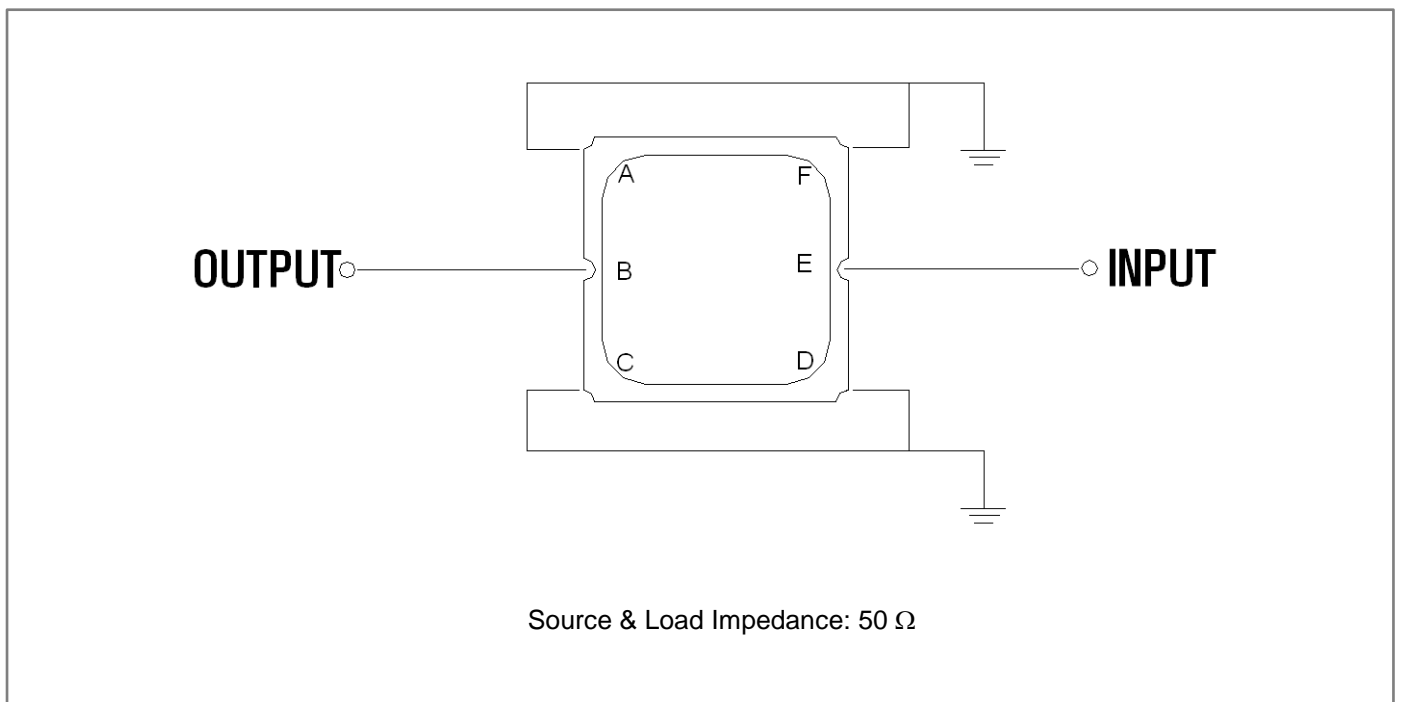
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	895.0	-
Insertion Loss within 894.0 ~ 896.0 MHz	dB	-	2.0	2.5
Amplitude Ripple within 894.0 ~ 896.0 MHz	dB <sub>p-p</sub>	-	0.1	0.5
Return Loss within 894.0 ~ 896.0 MHz	dB	12	17	-
<b>Attenuation:</b>				
10.0 ~ 851.0 MHz	dB	40	52	-
1030.0 ~ 1100.0 MHz	dB	45	55	-
1100.0 ~ 2600.0 MHz	dB	30	40	-

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

## Package Dimensions

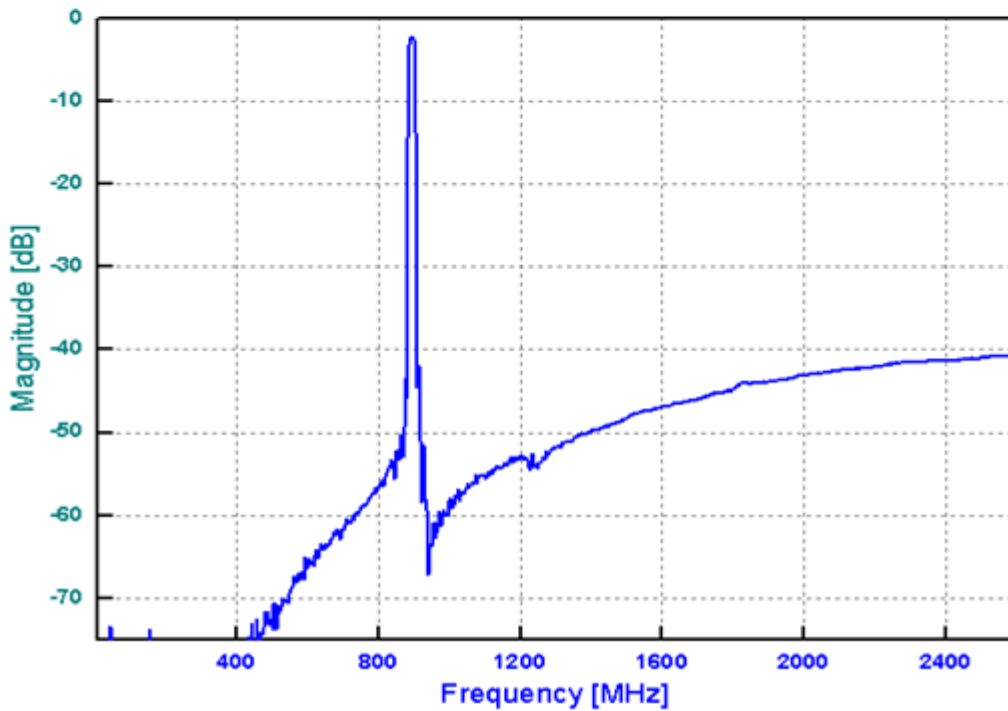
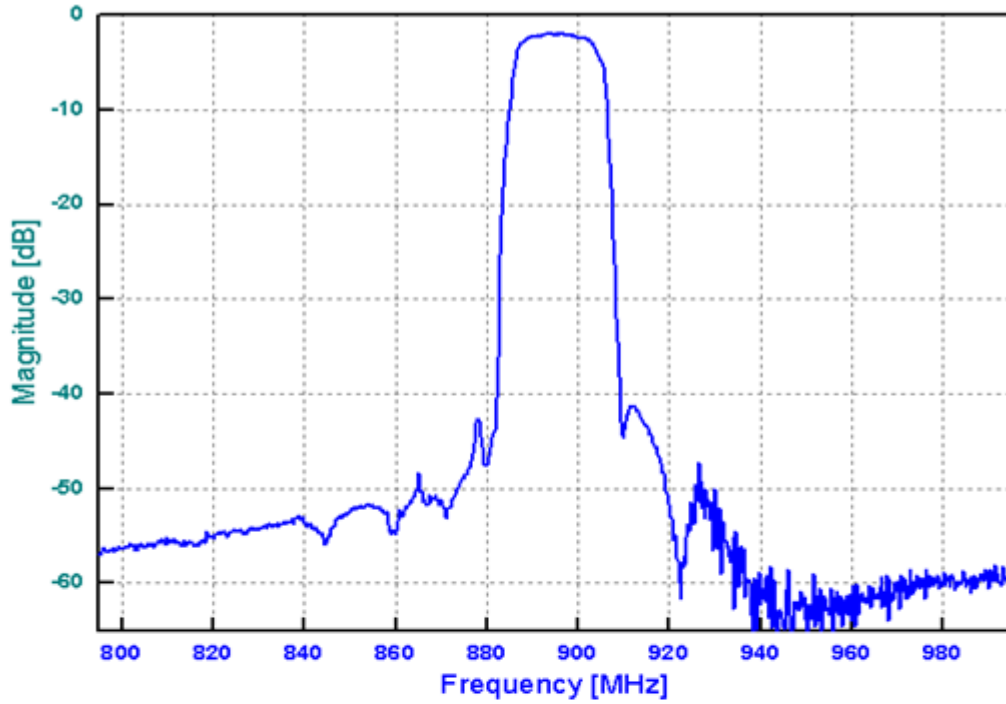


## Testing Environment

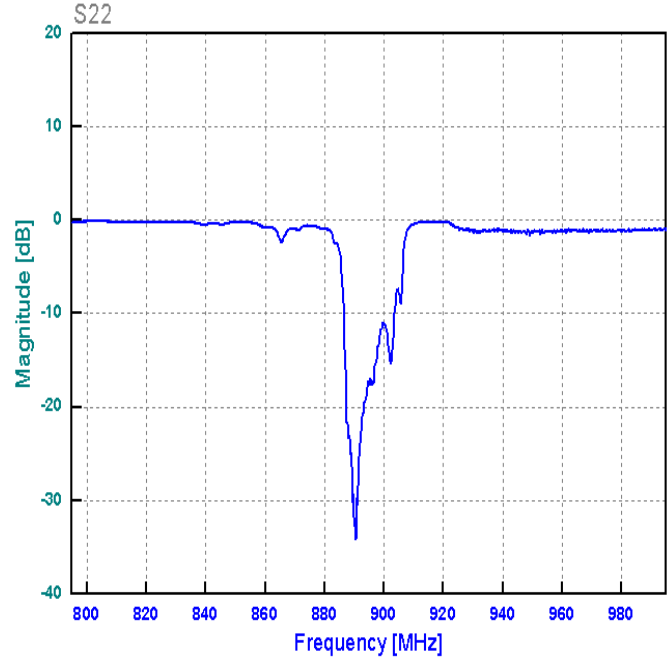
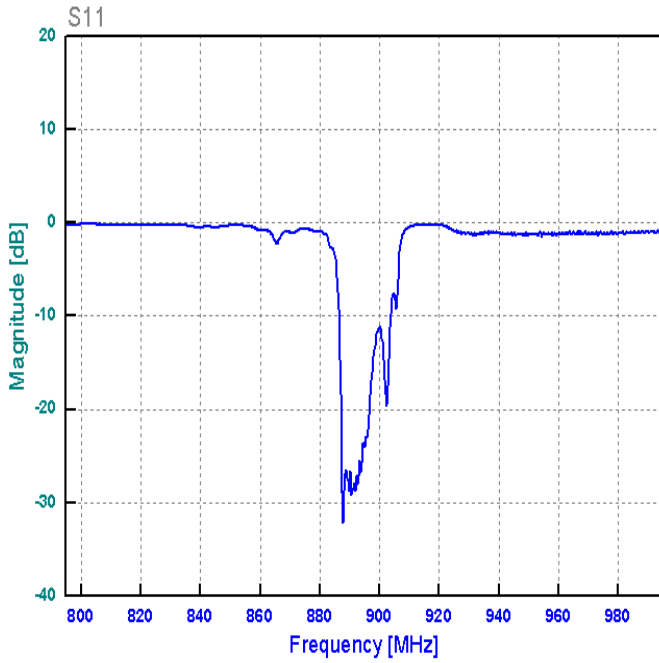


## Frequency Characteristics

Frequency Response



### Return Loss



### Smith Chart

