

- Wireless, RF SAW Filter
- Revision 0: December 2009

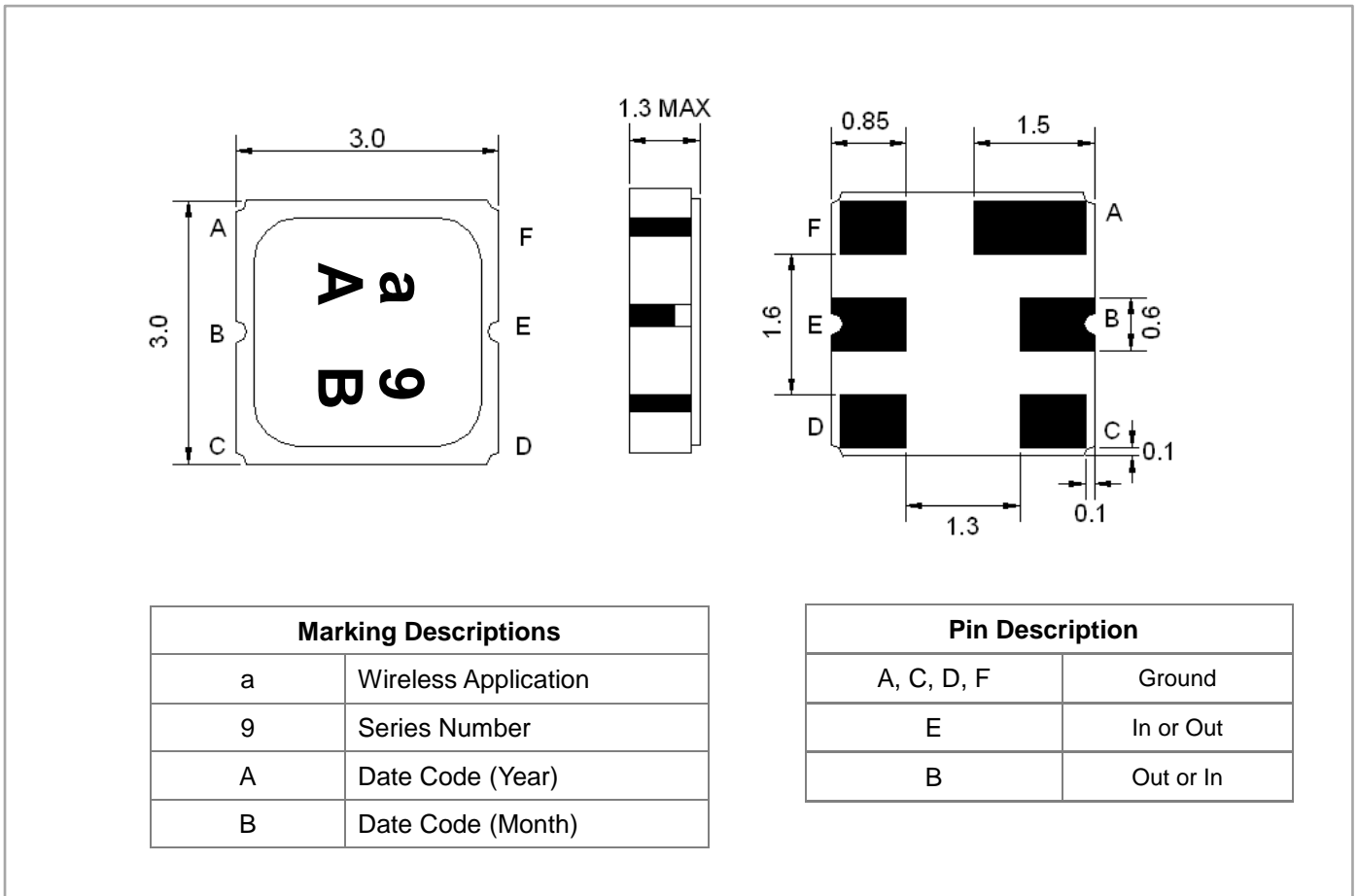
## Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-5	-	+70
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

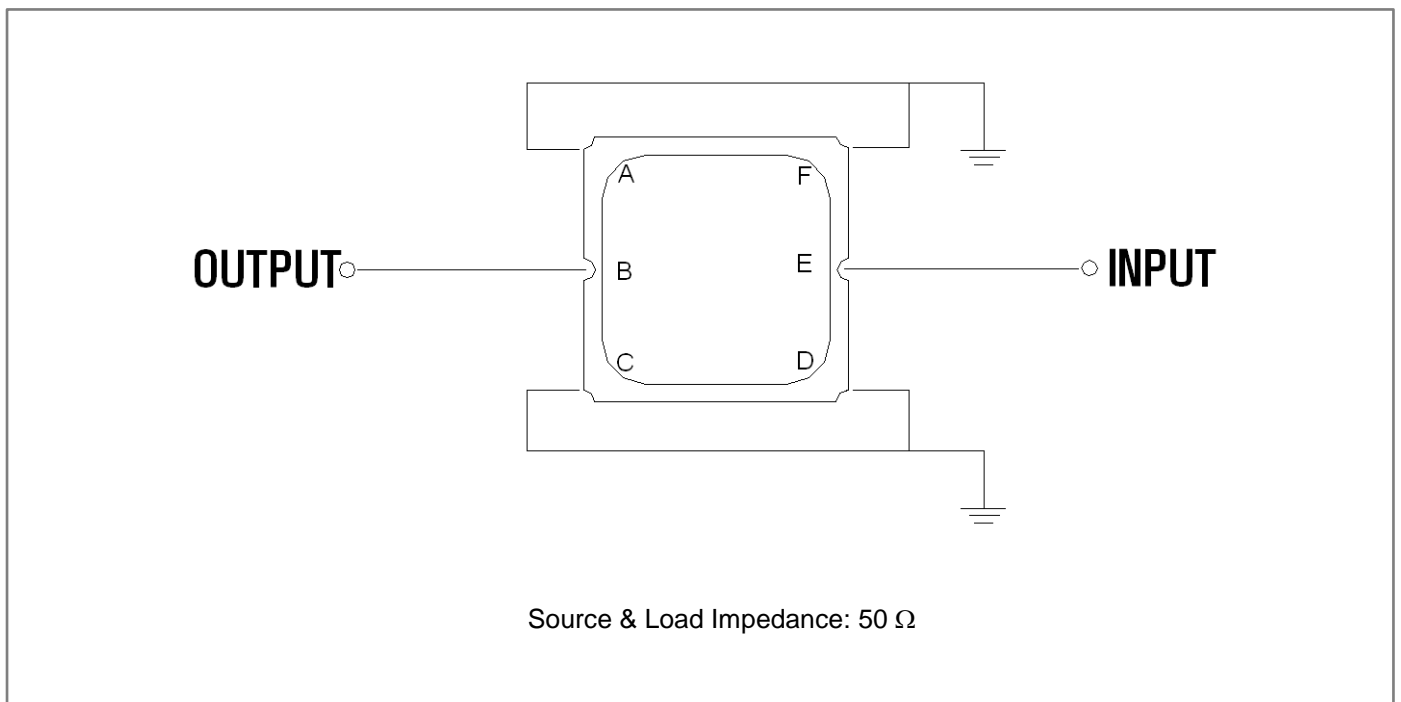
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	876.5	-
Insertion Loss within 869.0~884.0MHz	dB	-	1.6	3.0
Amplitude Ripple within 869.0~884.0MHz	dB <sub>p-p</sub>	-	0.7	1.5
<b>Attenuation:</b>				
0.3 ~ 824.0 MHz	dB	30	35	-
824.0 ~ 839.0 MHz	dB	35	43	-
854.0 MHz	dB	15	33	-
920.0 ~ 2000.0 MHz	dB	30	38	-
VSWR within 869.0~884.0MHz	-	-	1.6	2.1

**Notes:** (1) No Matching Network (Ref. Testing Environment Circuit as shown below).

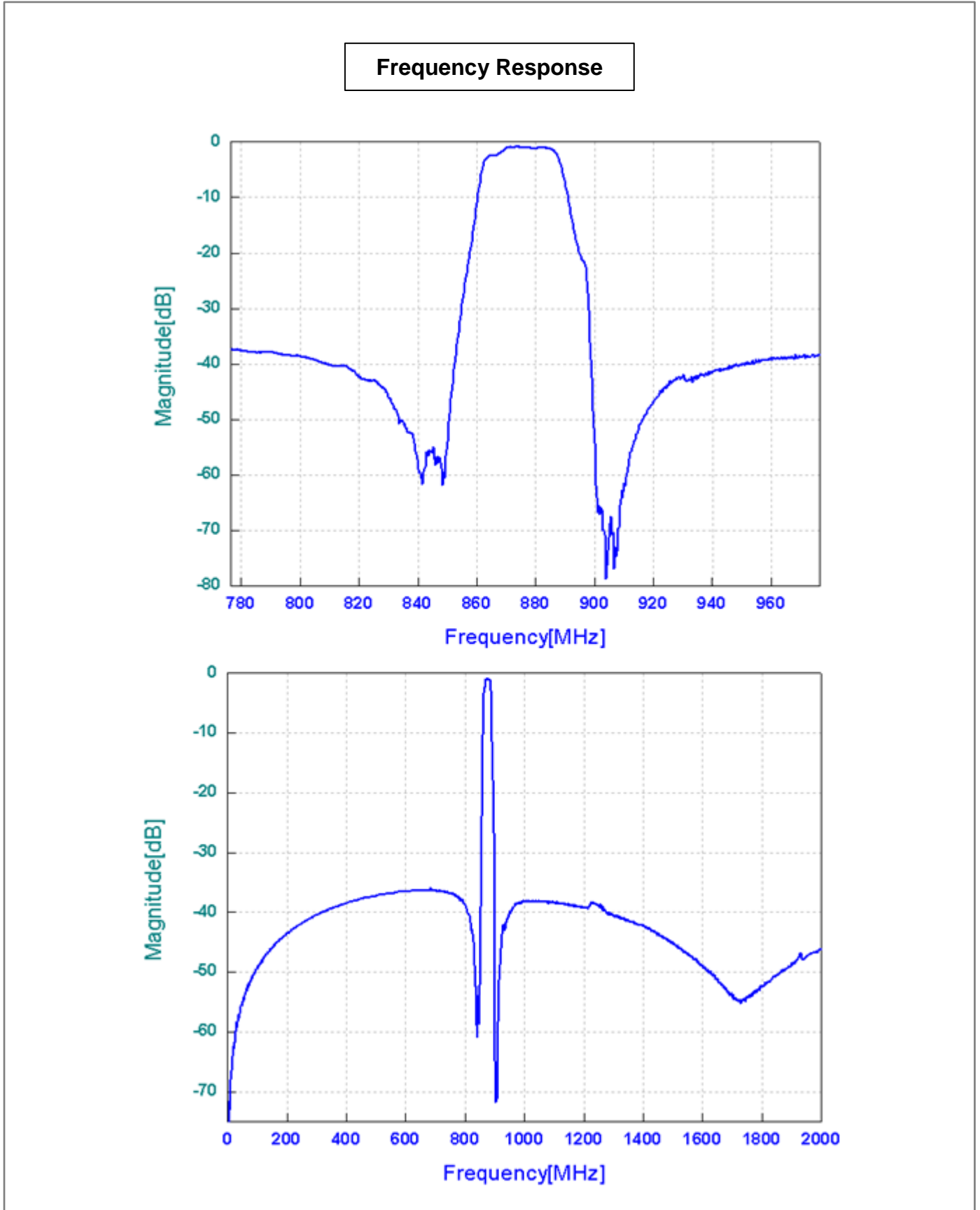
## Package Dimensions



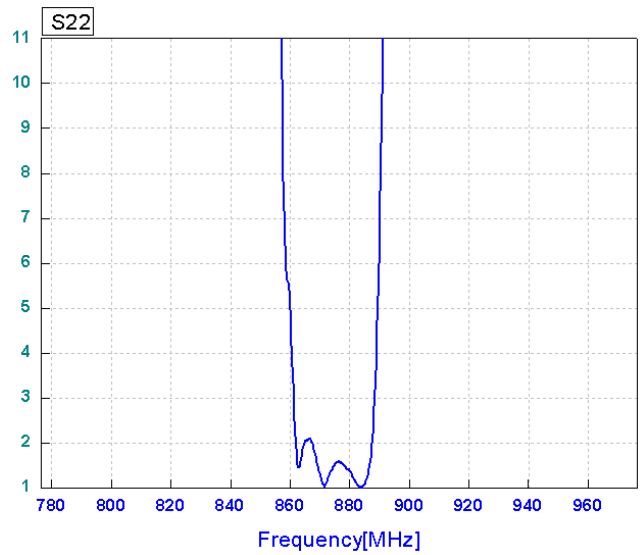
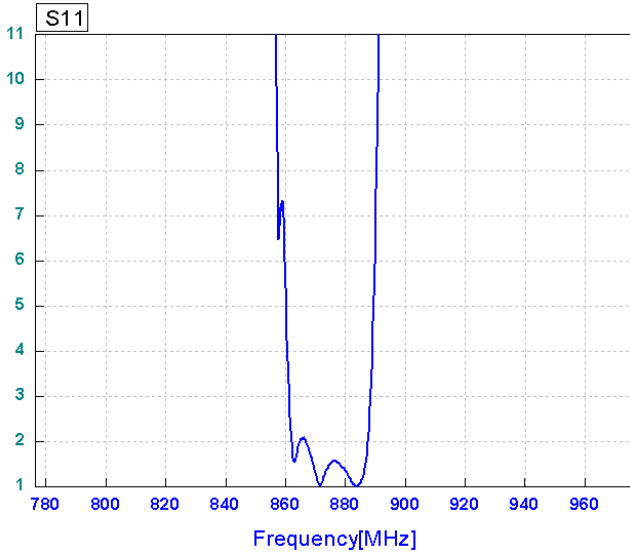
## Testing Environment



**Frequency Characteristics**



## VSWR



## Smith Chart

