

- Wireless, RF SAW Filter
- Revision 0: December 2008

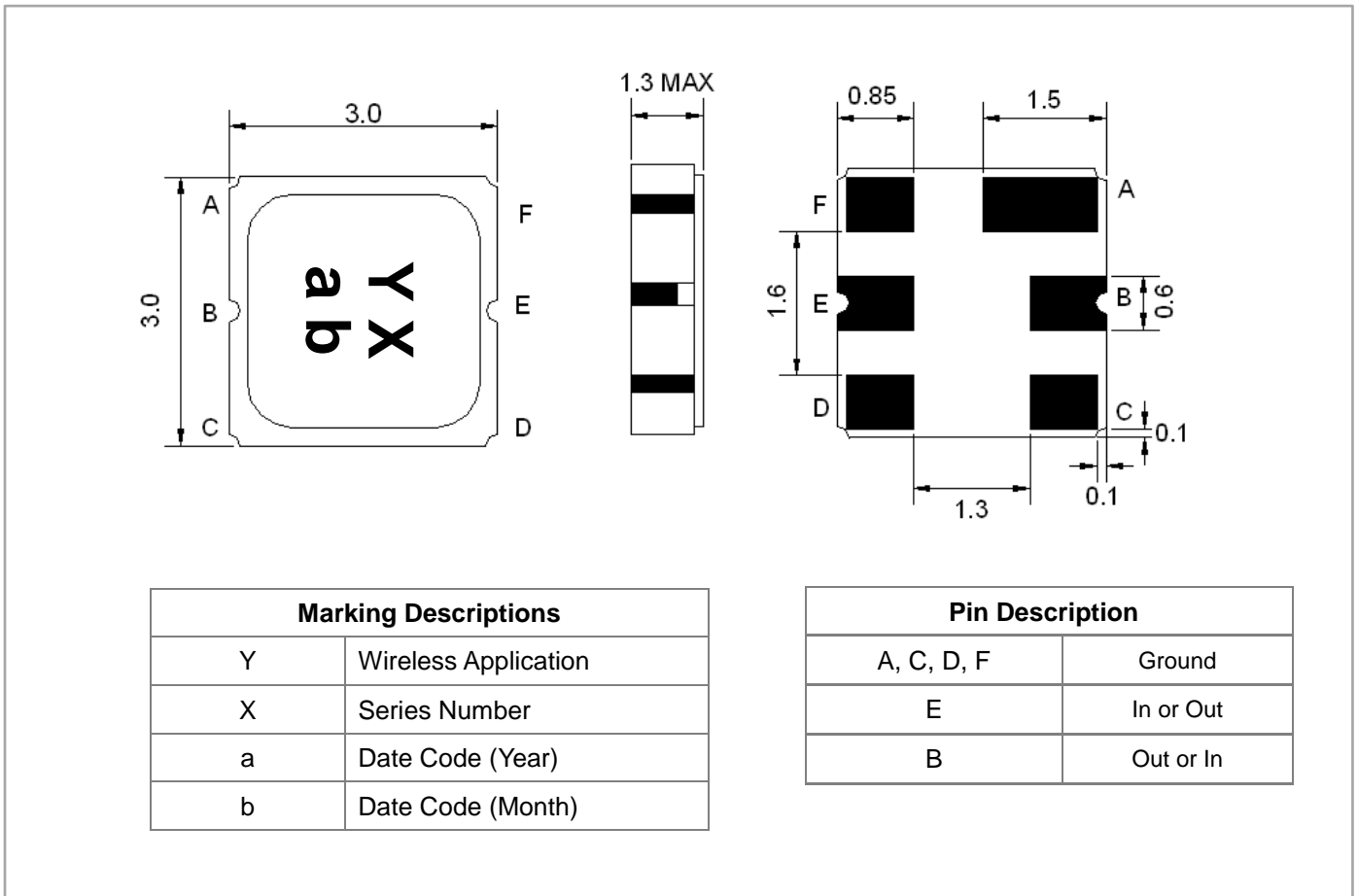
## Electrical Characteristics

MAXIMUM RATING				
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	M			
Length x Width	mm <sup>2</sup>	-	3.0 x 3.0	-
Height	mm	-	-	1.3

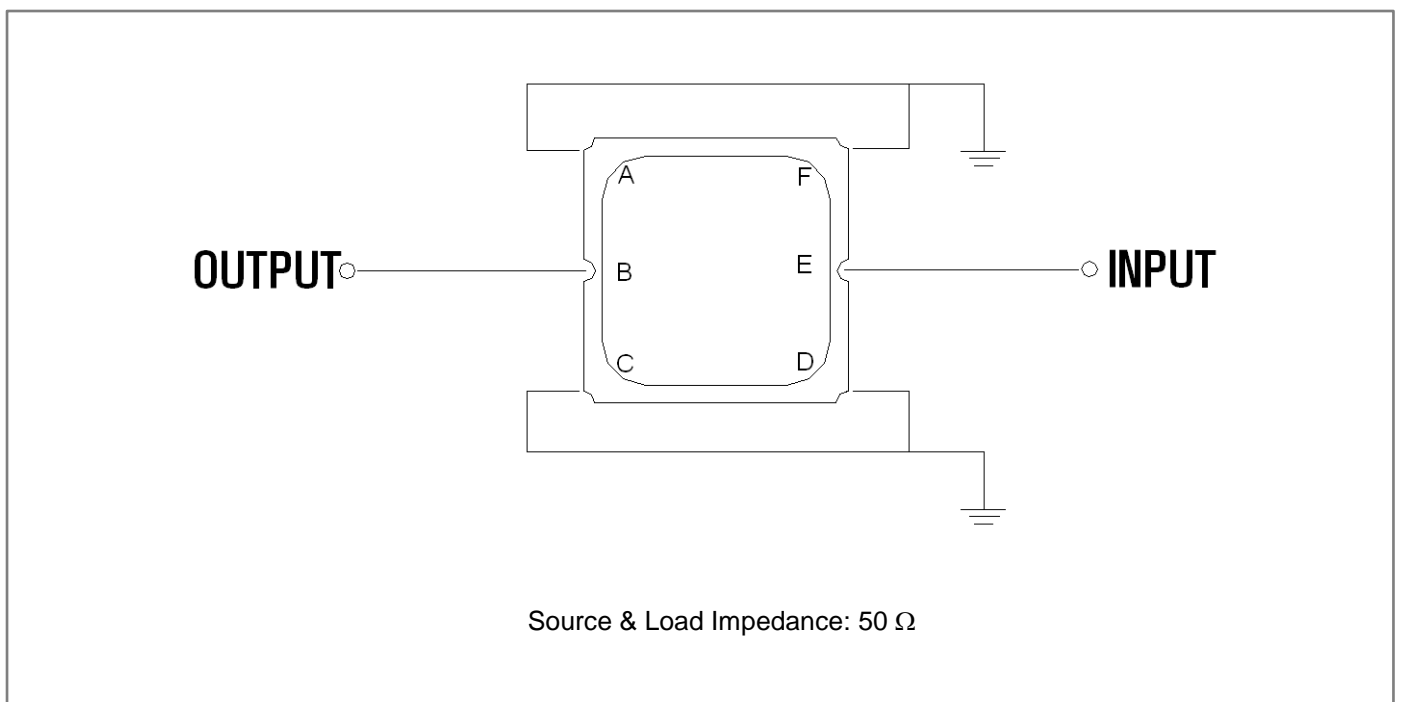
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	880.0	-
Insertion Loss within 875.0~885.0MHz	dB	-	2.2	3.0
Amplitude Ripple within 875.0~885.0MHz	dB <sub>p-p</sub>	-	0.6	1.2
<b>Attenuation:</b>				
0.3 ~ 835.1 MHz	dB	45	50	-
835.1 ~ 865.1 MHz	dB	25	30	-
894.9 ~ 900.0 MHz	dB	25	40	-
900.0 ~ 924.9 MHz	dB	40	45	-
924.9 ~ 1200.0 MHz	dB	45	50	-
VSWR within 875.0~885.0MHz	-	-	1.4	2.0

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

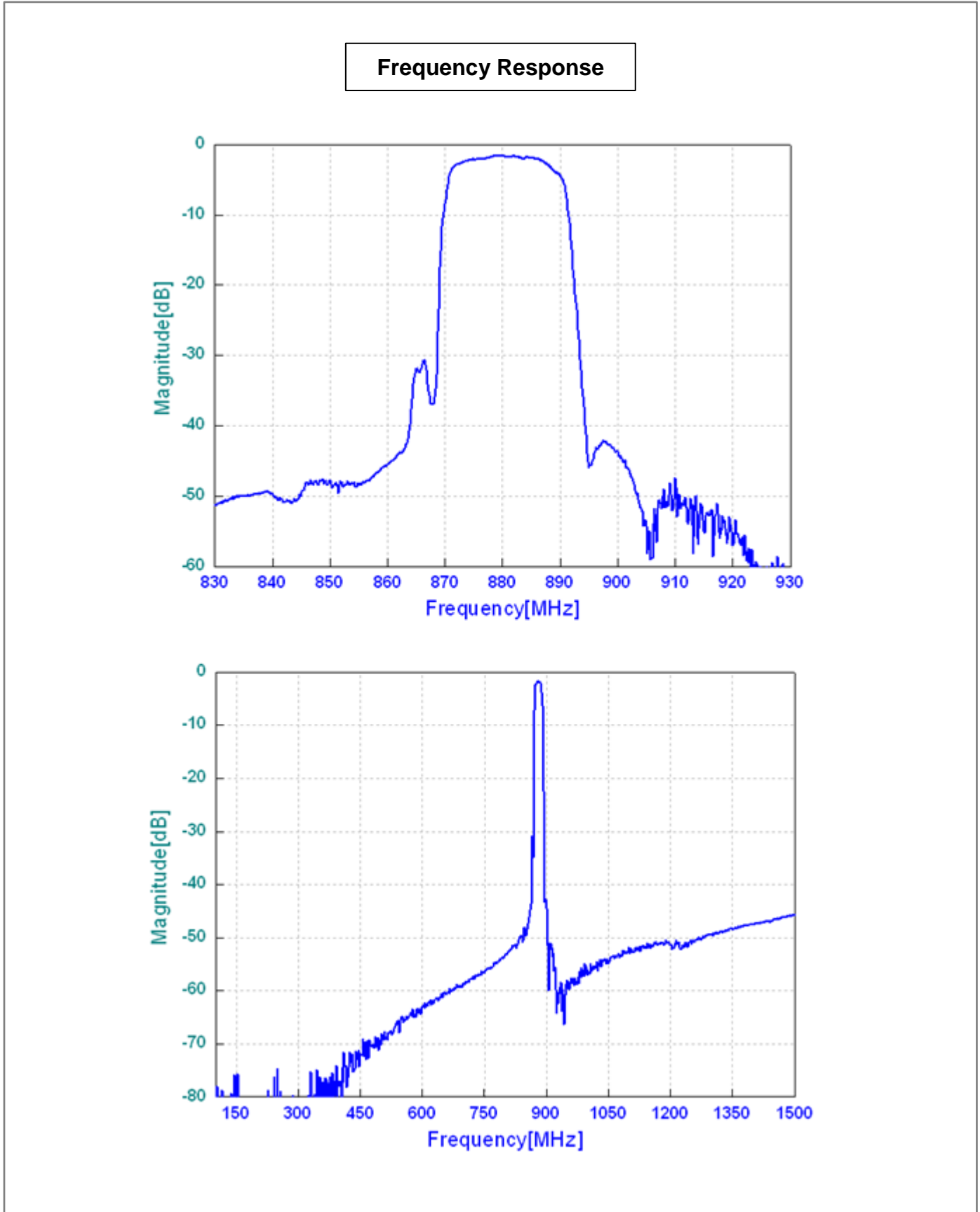
## Package Dimensions



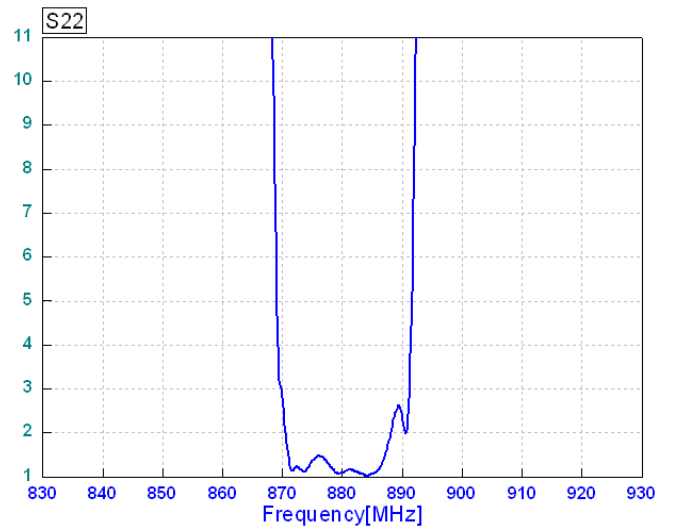
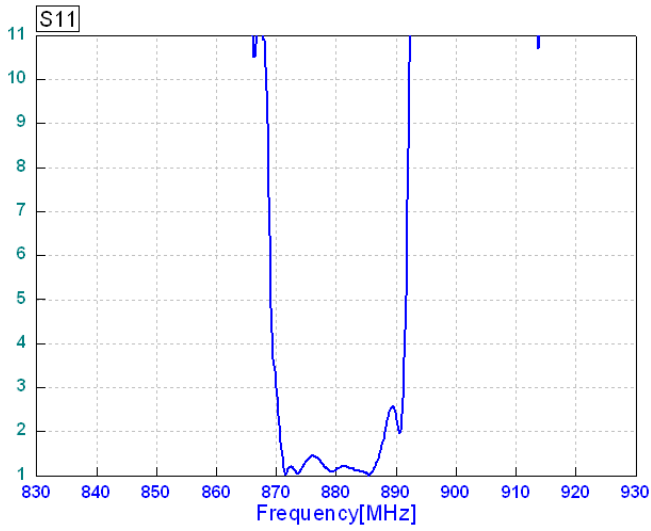
## Testing Environment



## Frequency Characteristics



## VSWR



## Smith Chart

