

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

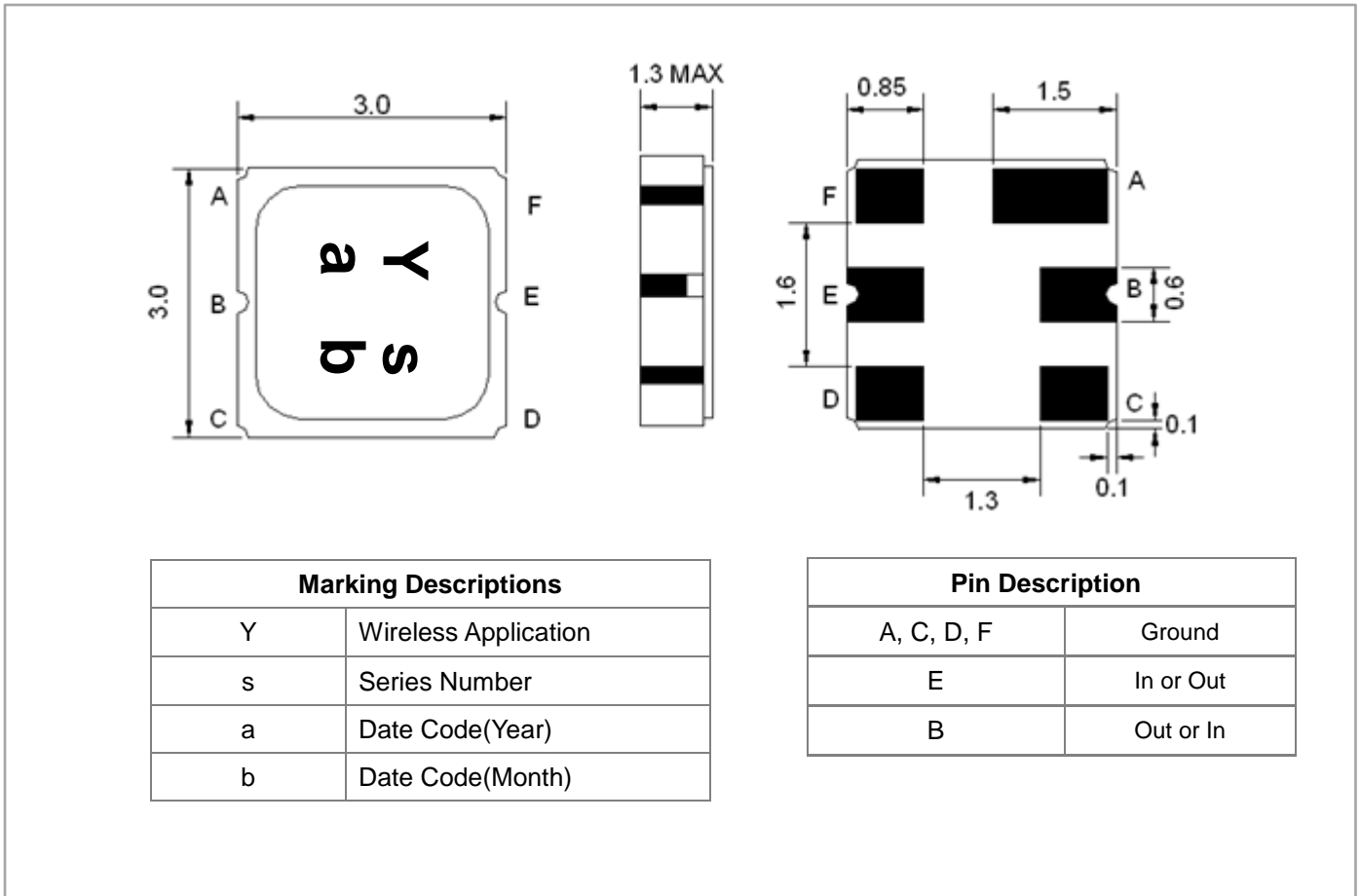
## Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+80
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	13
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

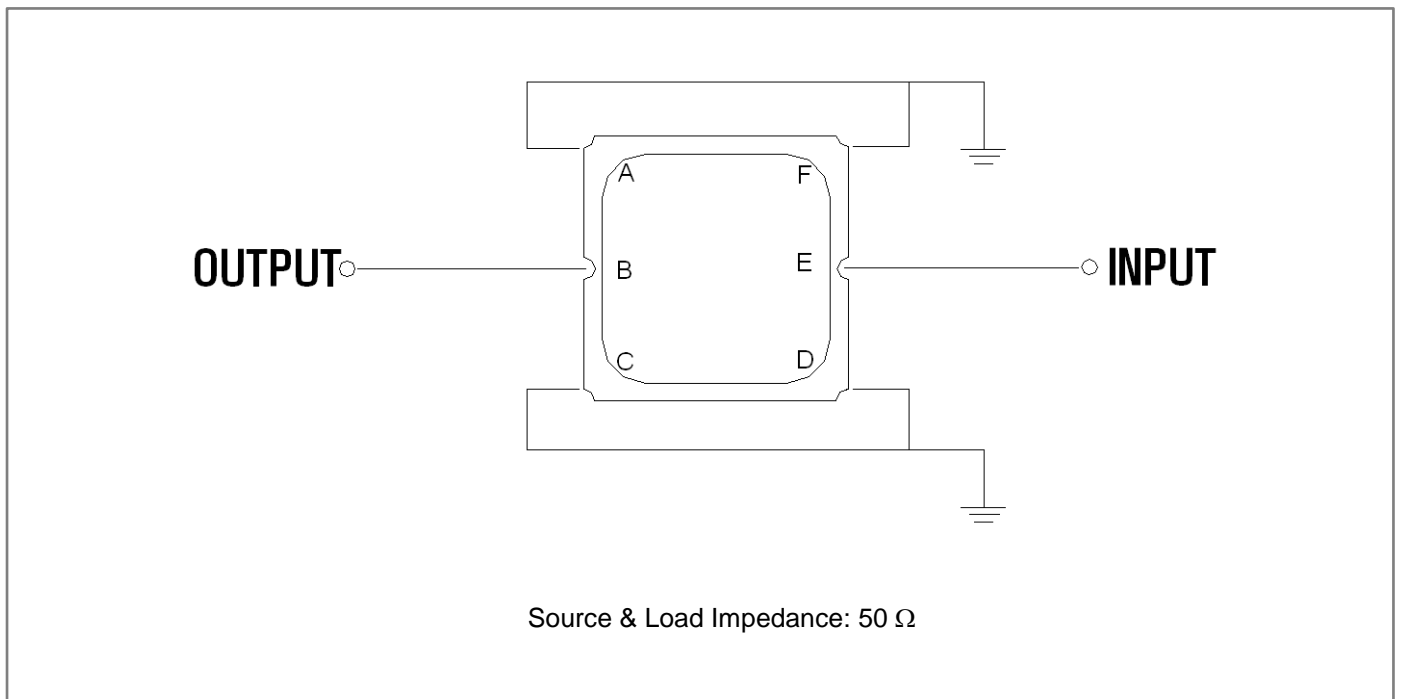
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	2468.0	-
Insertion Loss within 2441.0 ~ 2495.0 MHz	dB	-	3.0	3.5
Amplitude Ripple within 2441.0 ~ 2495.0MHz	dB <sub>p-p</sub>	-	1.8	2.2
<b>Attenuation:</b>				
2100.0 ~ 2300.0 MHz	dB	35	45	-
2300.0 ~ 2400.0 MHz	dB	15	20	-
2550.0~ 2800.0 MHz	dB	40	47	-
VSWR within 2441.0 ~ 2495.0 MHz	-	-	2.2	2.5

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

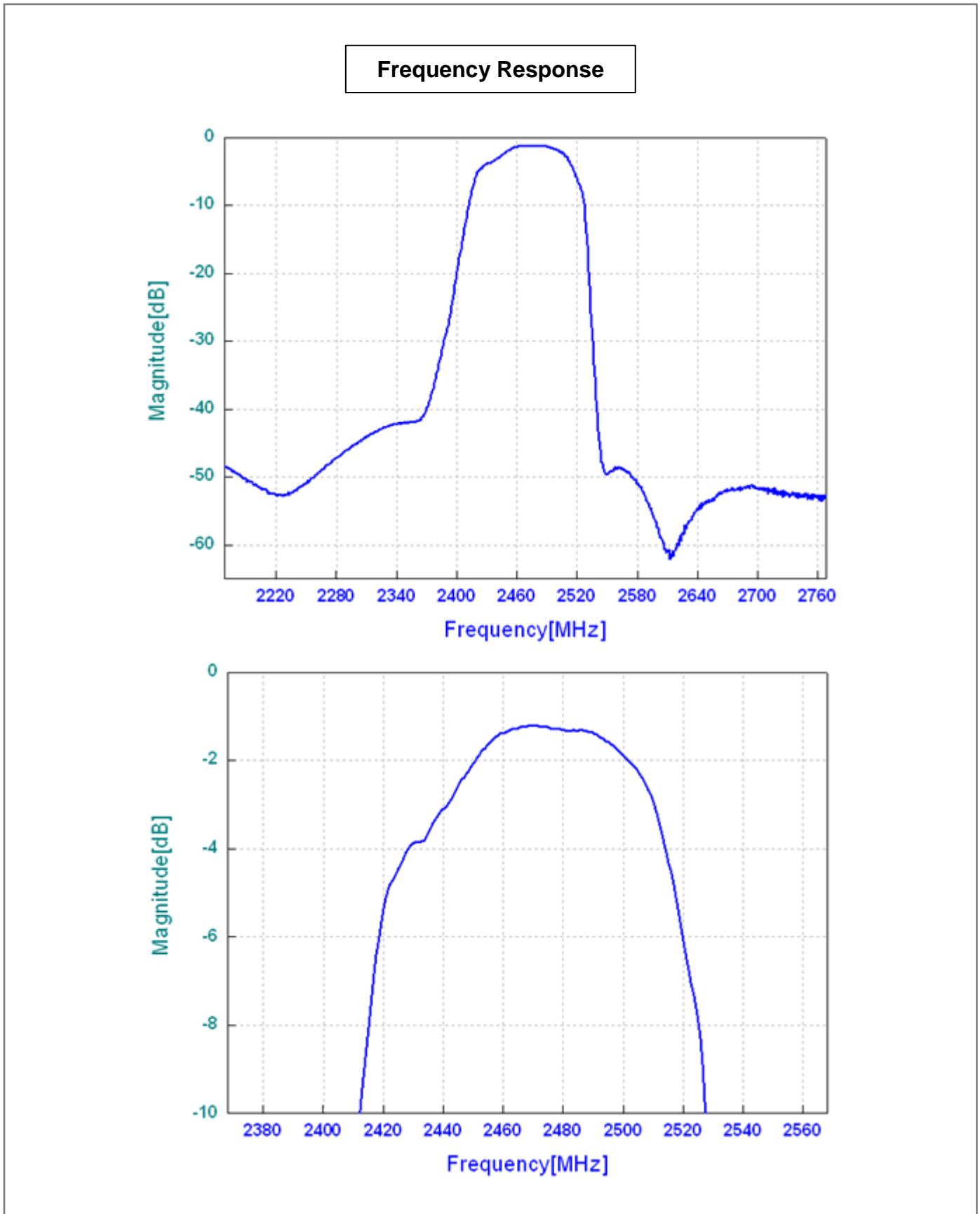
## Package Dimensions



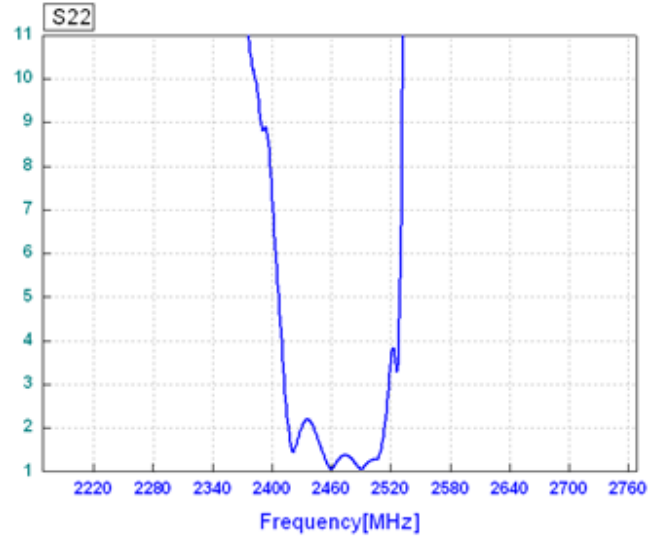
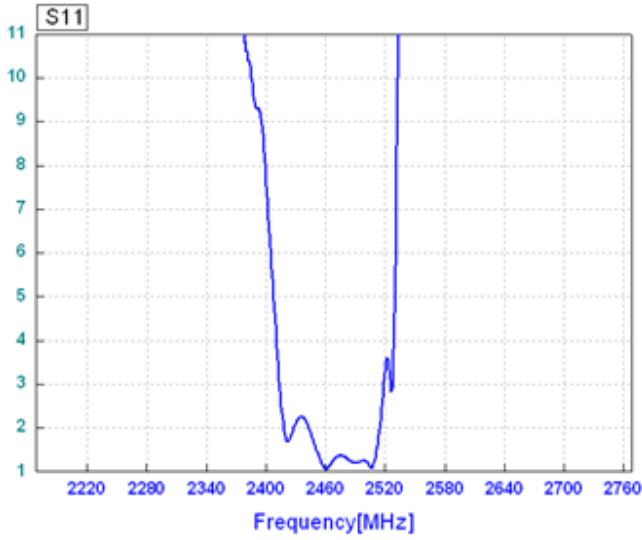
## Testing Environment



## Frequency Characteristics



## VSWR



## Smith Chart

