

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

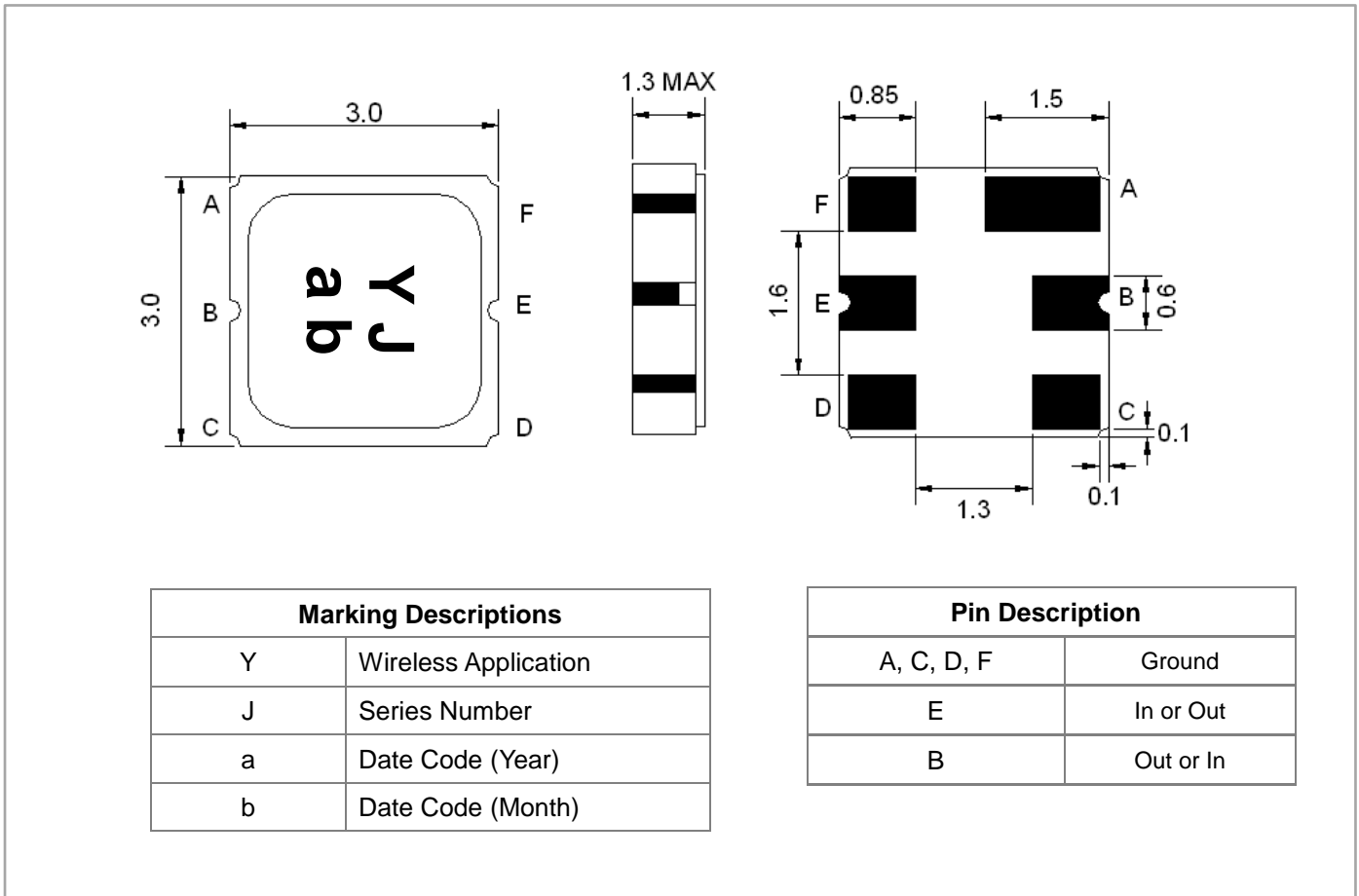
## Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-55	-	+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

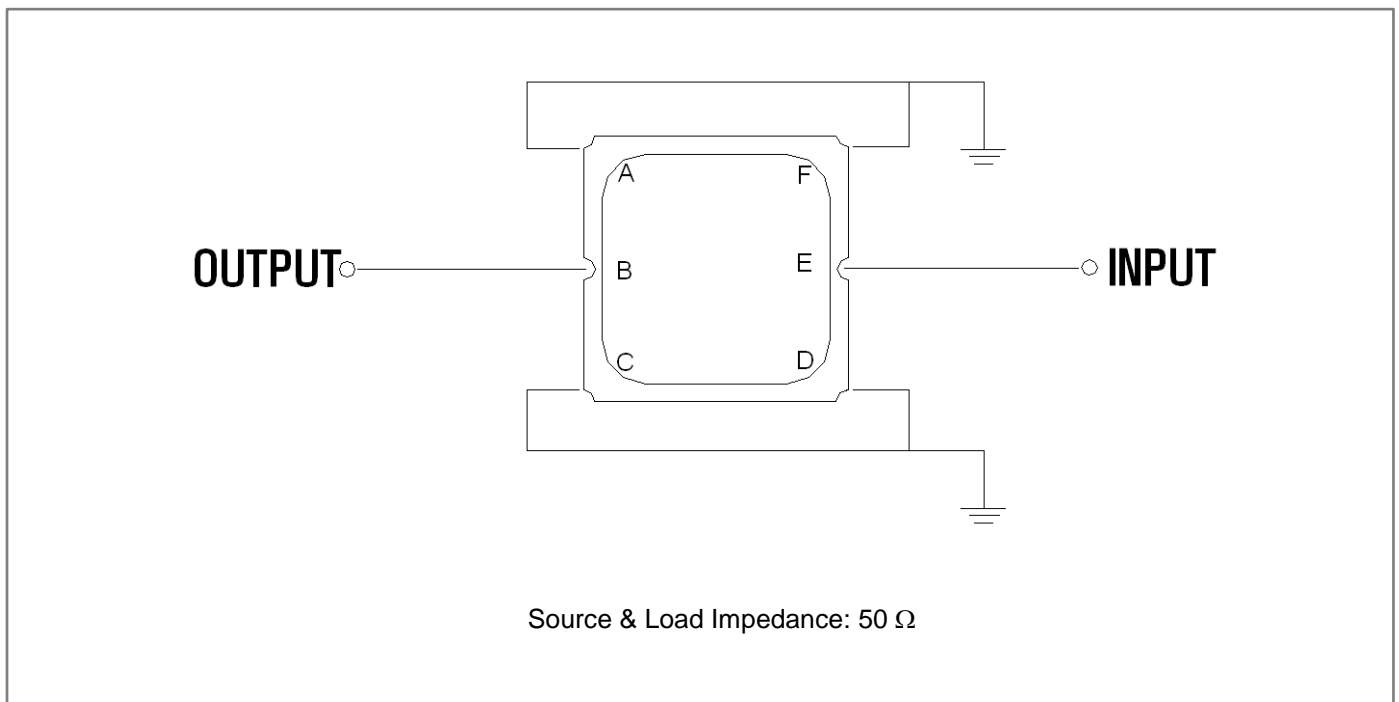
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	1401.0	-
Insertion Loss within 1381.0 ~ 1421.0 MHz	dB	-	2.1	3.0
Amplitude Ripple within 1381.0 ~ 1421.0 MHz	dB <sub>p-p</sub>	-	1.2	2.0
-20dB Bandwidth	MHz	65	70	-
<b>Attenuation:</b>				
1150.0~1350.0MHz	dB	28	30	-
1450.0~1650.0MHz	dB	28	32	-
VSWR within 1381.0~1421.0MHz	-	-	1.5	2.3

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

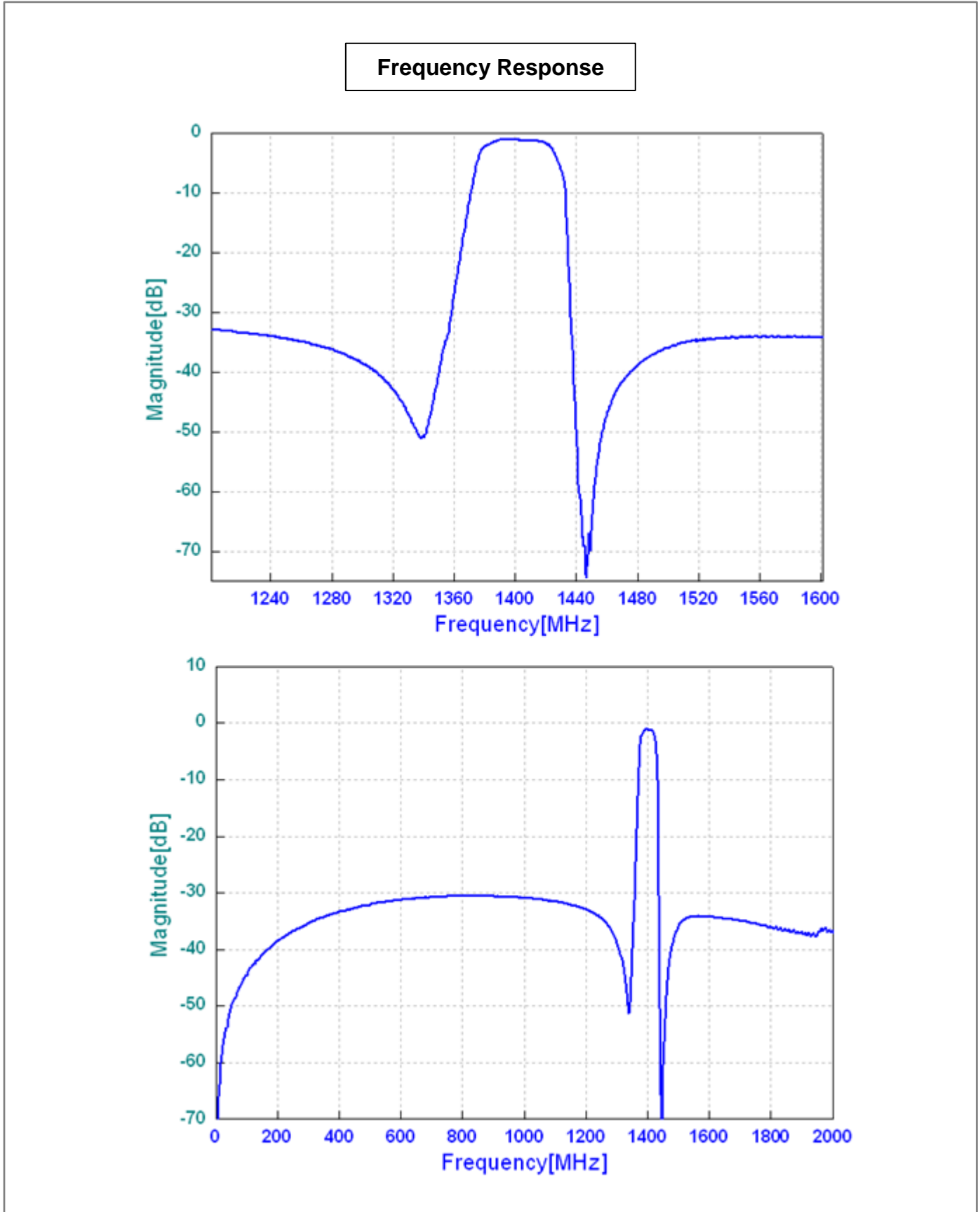
## Package Dimensions



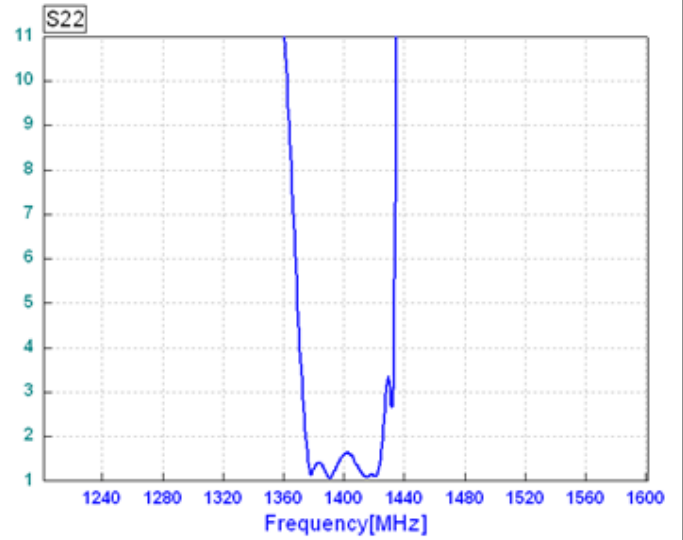
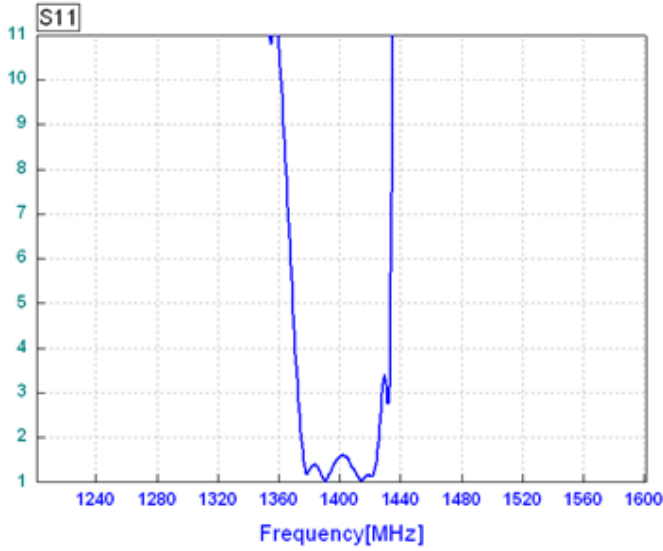
## Testing Environment



## Frequency Characteristics



## VSWR



## Smith Chart

