

- Wireless, RF SAW Filter
- Revision 0: November 2007

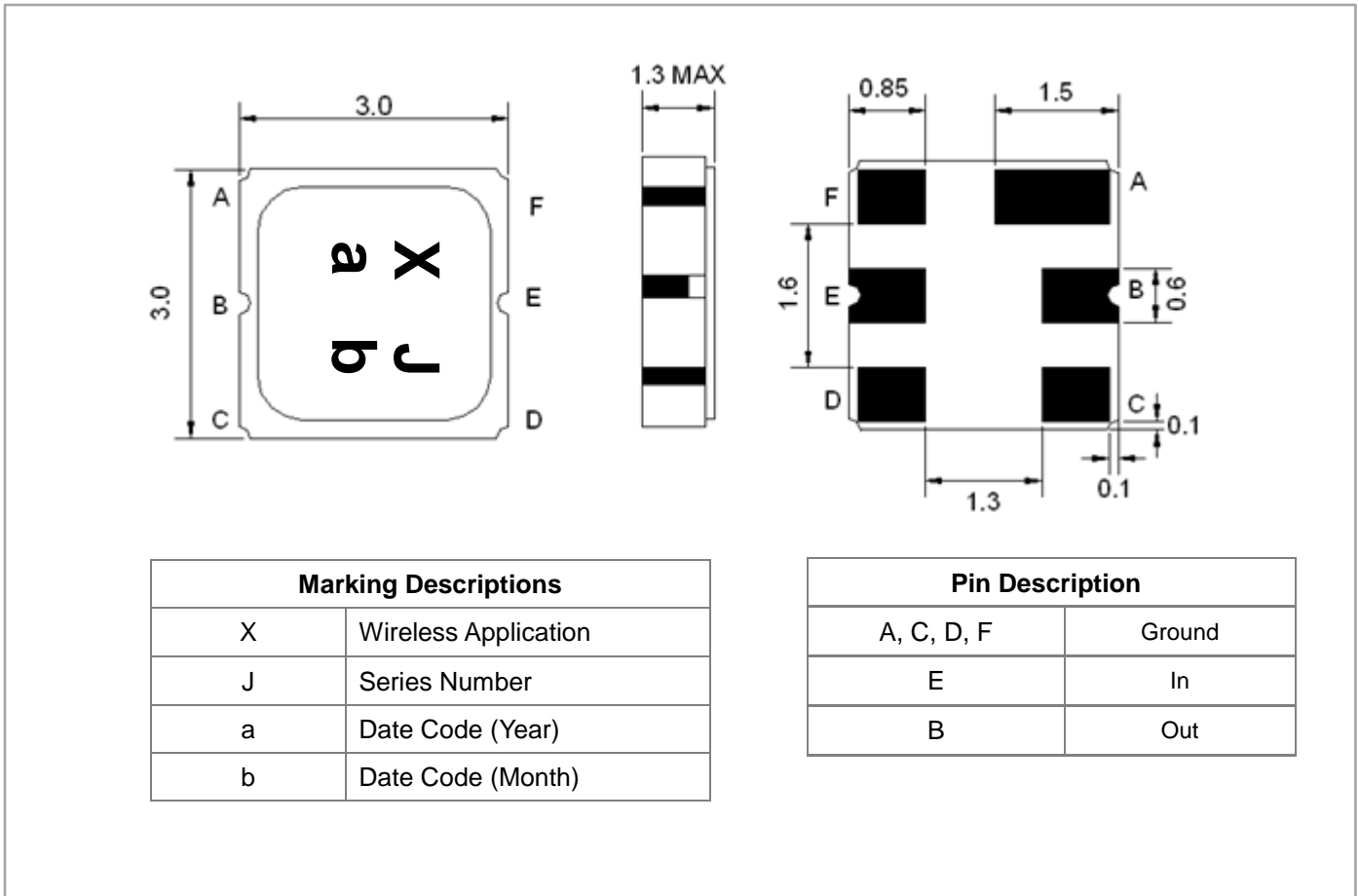
## Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-20		+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

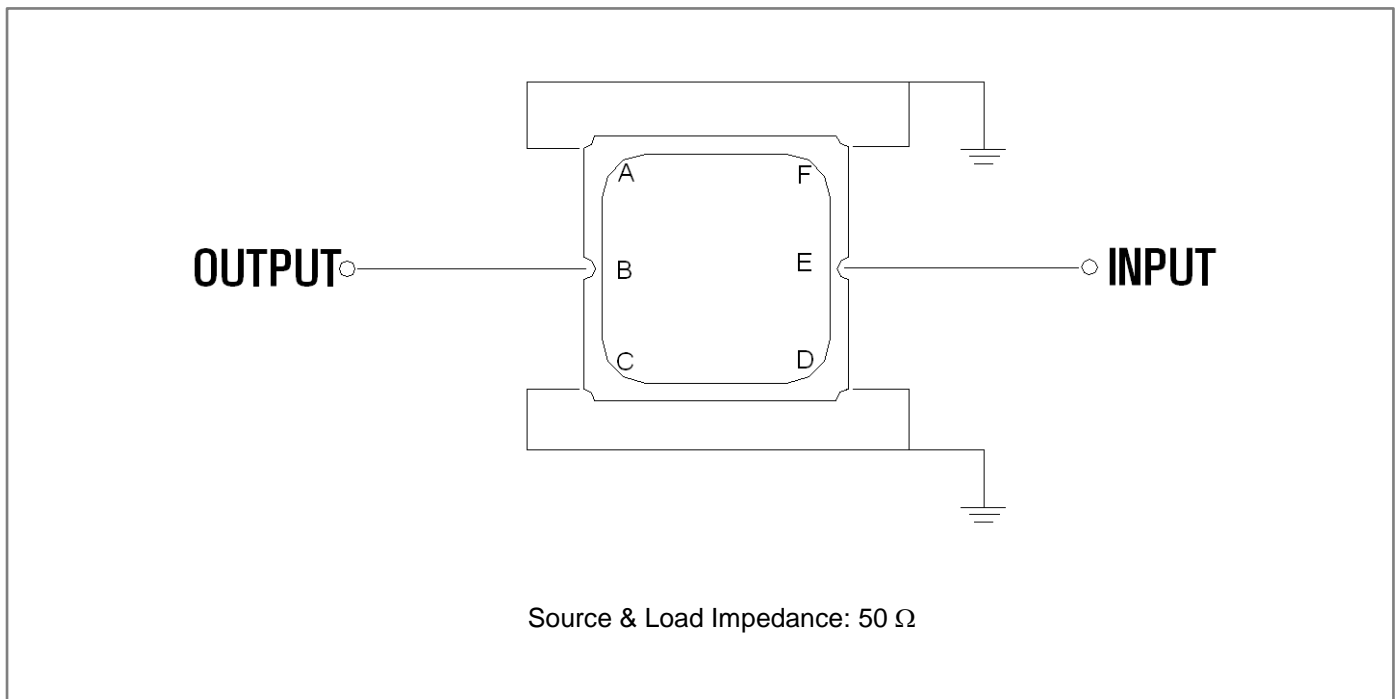
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	2535.0	-
Insertion Loss within 2500.0 ~ 2570.0 MHz	dB	-	3.1	3.8
Amplitude Ripple within 2500.0 ~ 2570.0 MHz	dB <sub>p-p</sub>	-	1.6	2.5
<b>Attenuation:</b>				
2163.0 ~ 2233.0 MHz	dB	35	40	-
2331.5 ~ 2401.5 MHz	dB	35	39	-
2620.0 ~ 2690.0 MHz	dB	40	44	-
Return Loss within 2500.0 ~ 2570.0 MHz	dB	7	10	

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

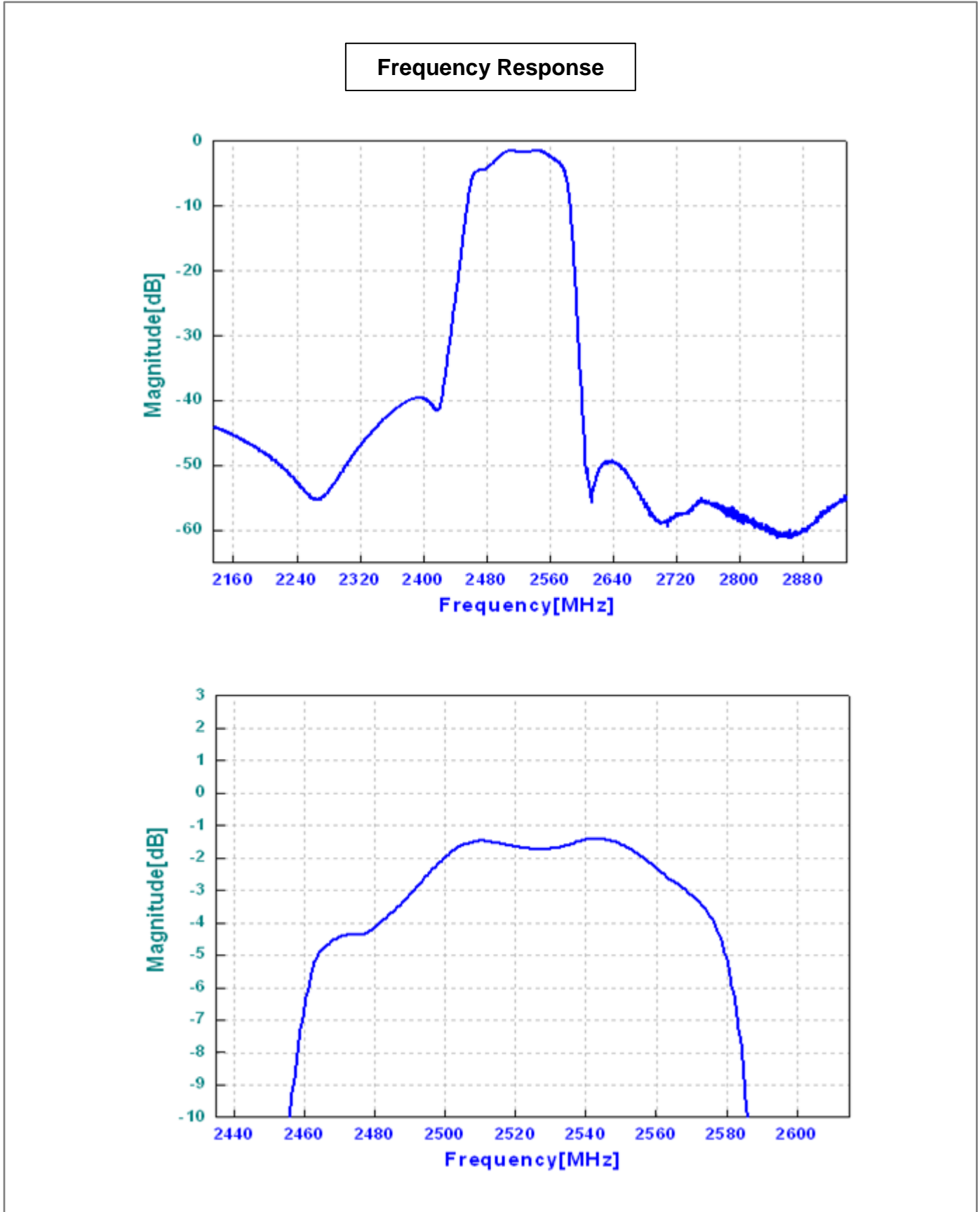
## Package Dimensions



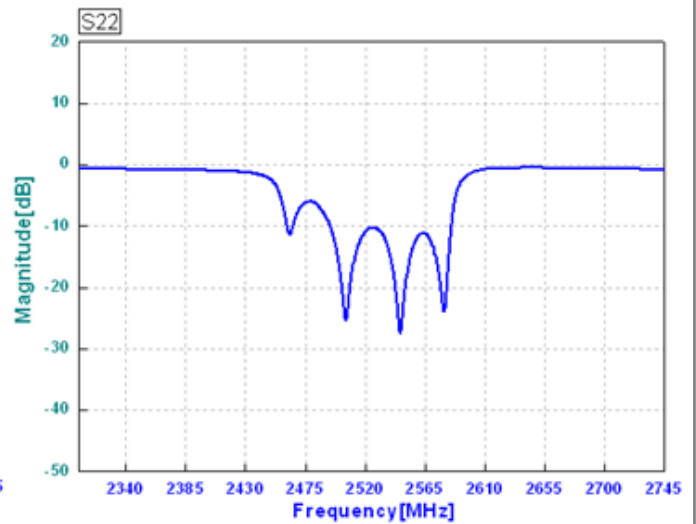
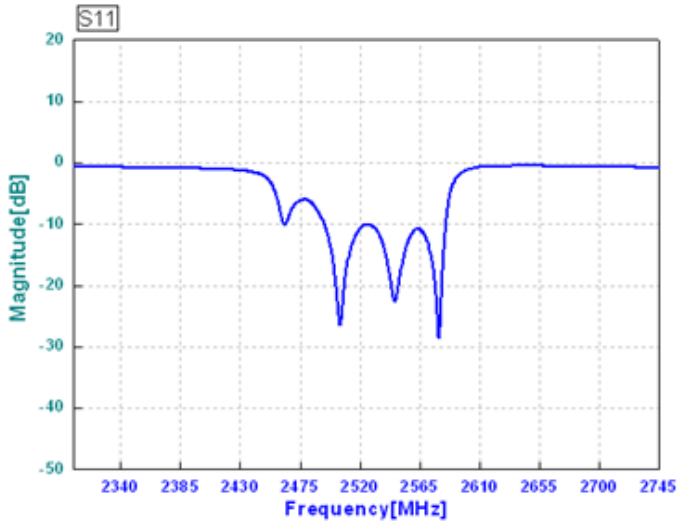
## Testing Environment



## Frequency Characteristics



## Return Loss



## Smith Chart

