

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

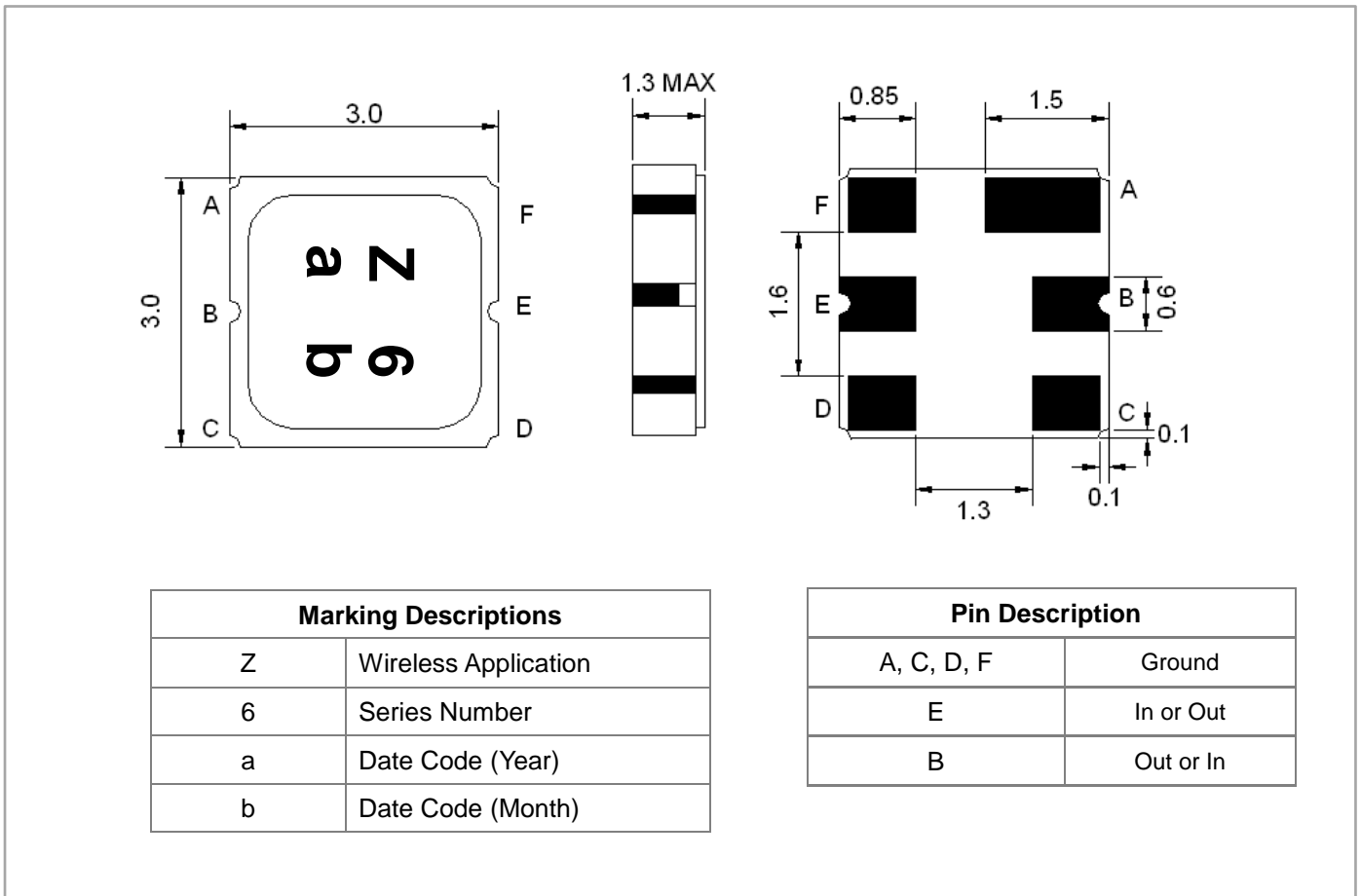
## Electrical Characteristics

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	-	-	15
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

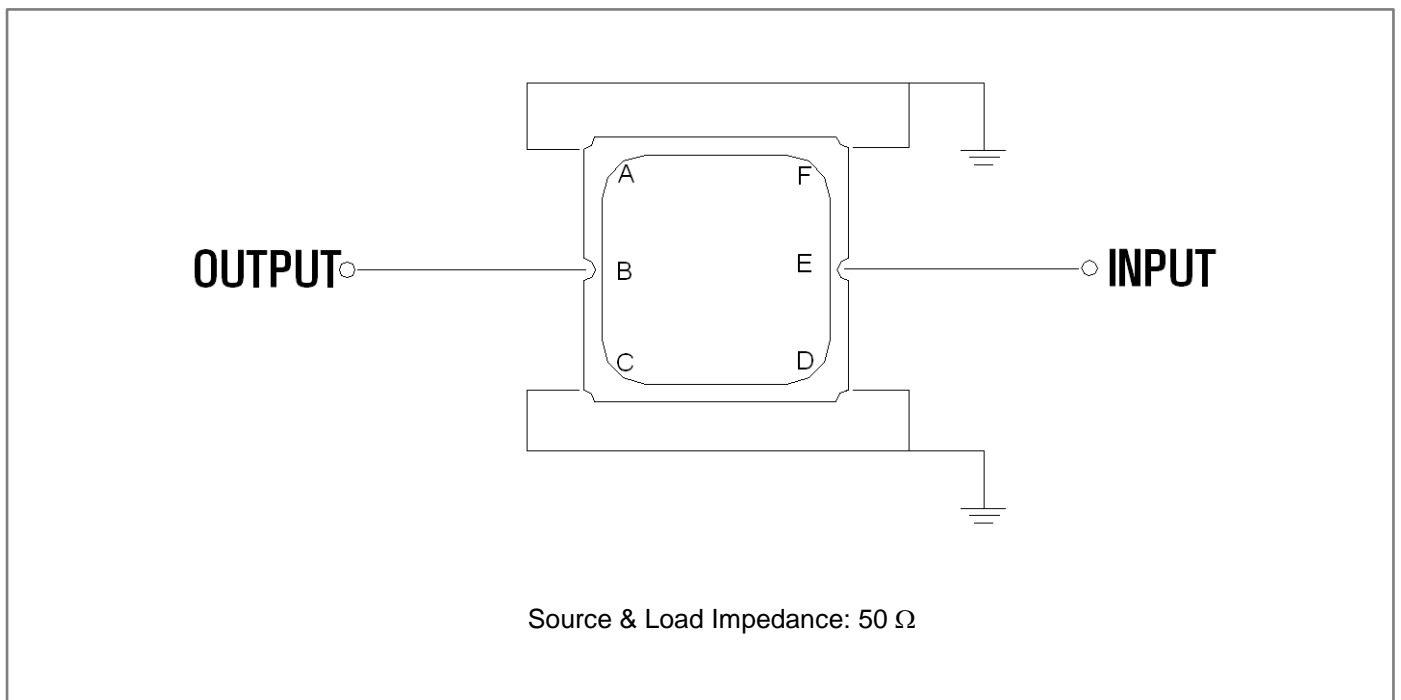
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	782.0	-
Insertion Loss within 777.0 ~ 787.0 MHz	dB	-	1.7	2.7
Amplitude Ripple within 777.0 ~ 787.0 MHz	dB <sub>p-p</sub>	-	0.6	1.0
<b>Attenuation:</b>				
0.3 ~ 747.0 MHz	dB	40	45	-
747.0 ~ 757.0 MHz	dB	35	43	-
869.0 ~ 894.0 MHz	dB	40	48	-
894.0 ~ 2000.0 MHz	dB	30	37	-
2000.0 ~ 3000.0 MHz	dB	25	35	-
VSWR within 777.0 ~ 787.0 MHz	-	-	1.7	2.3

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

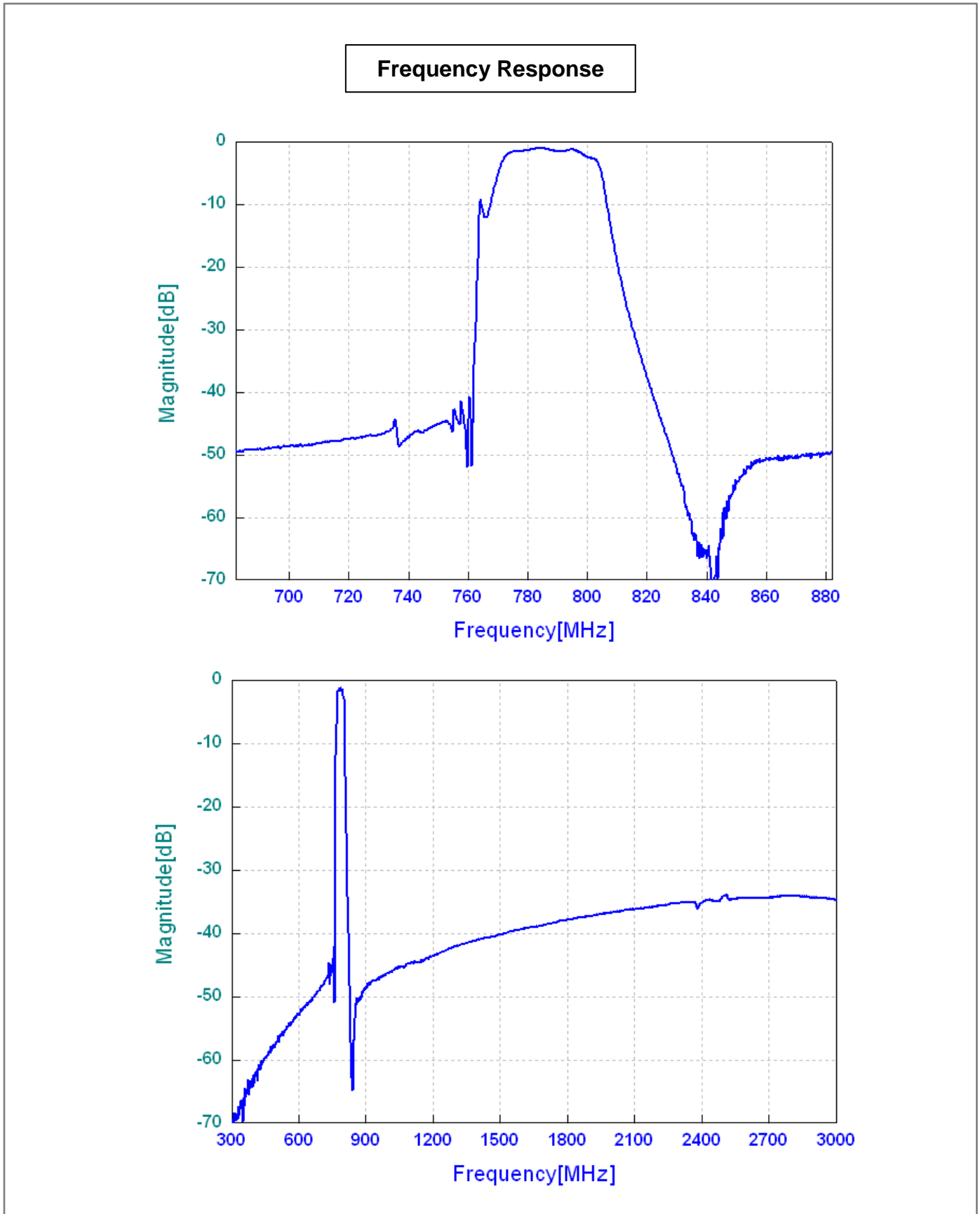
## Package Dimensions



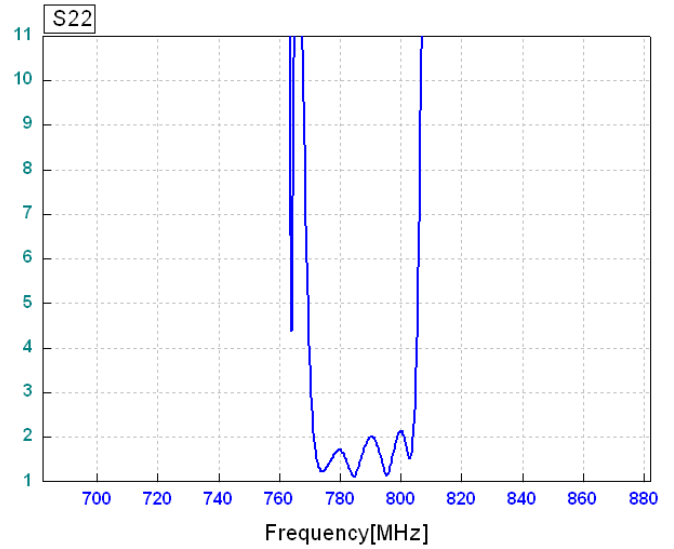
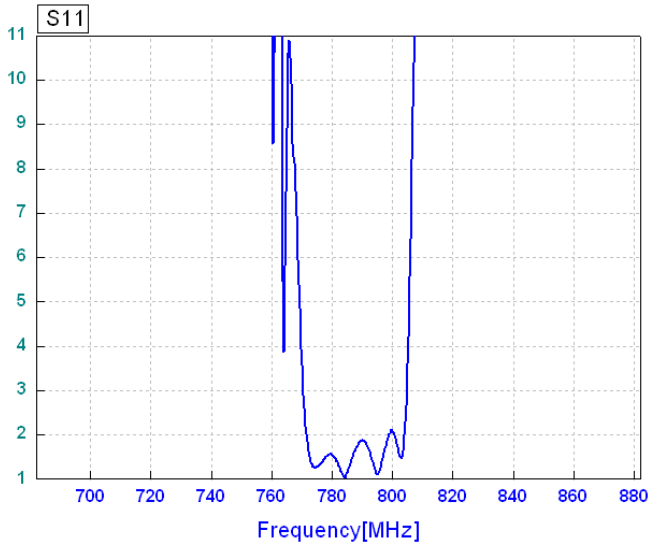
## Testing Environment



## Frequency Characteristics



## VSWR



## Smith Chart

