

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

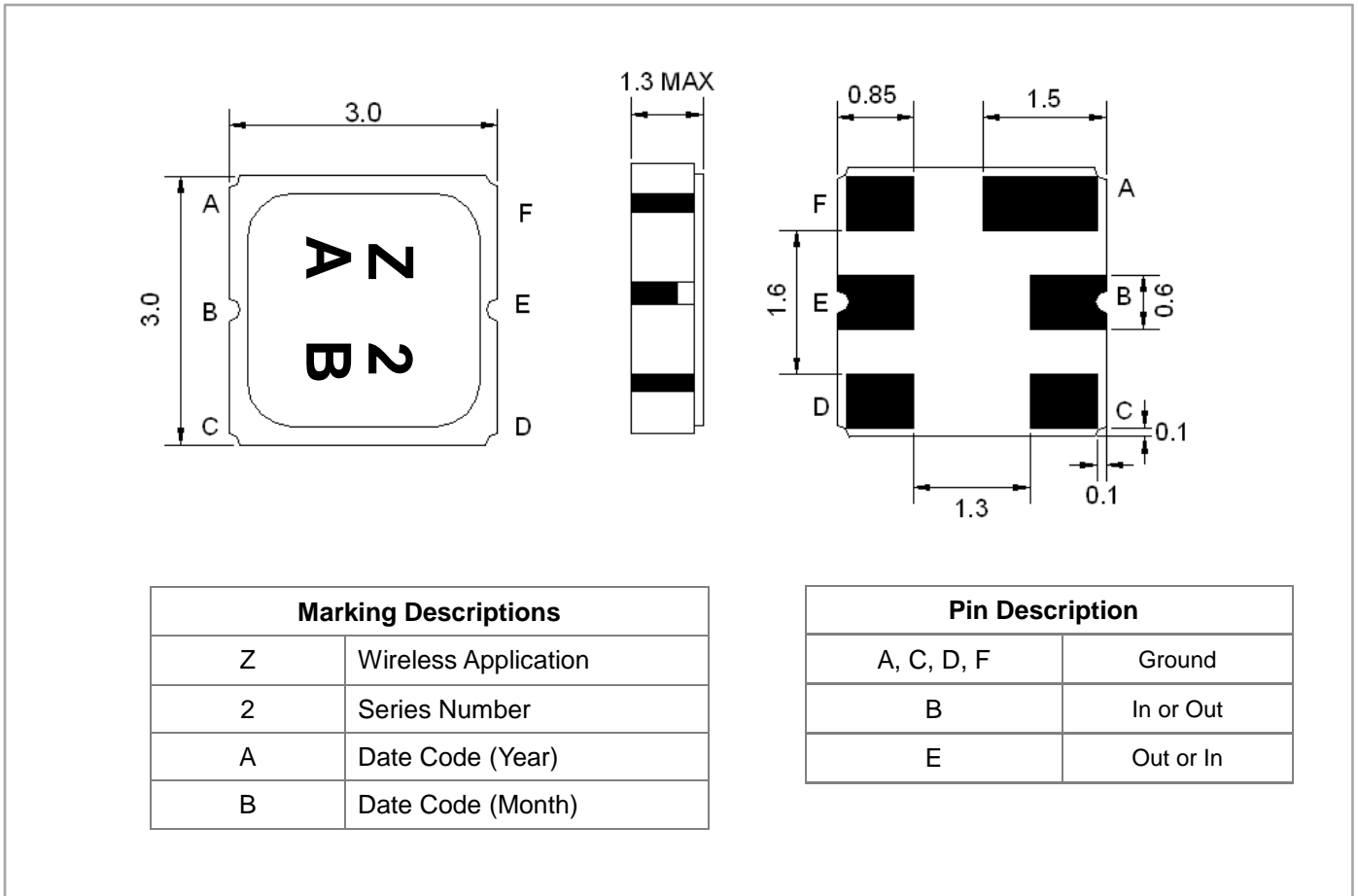
## Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+75
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

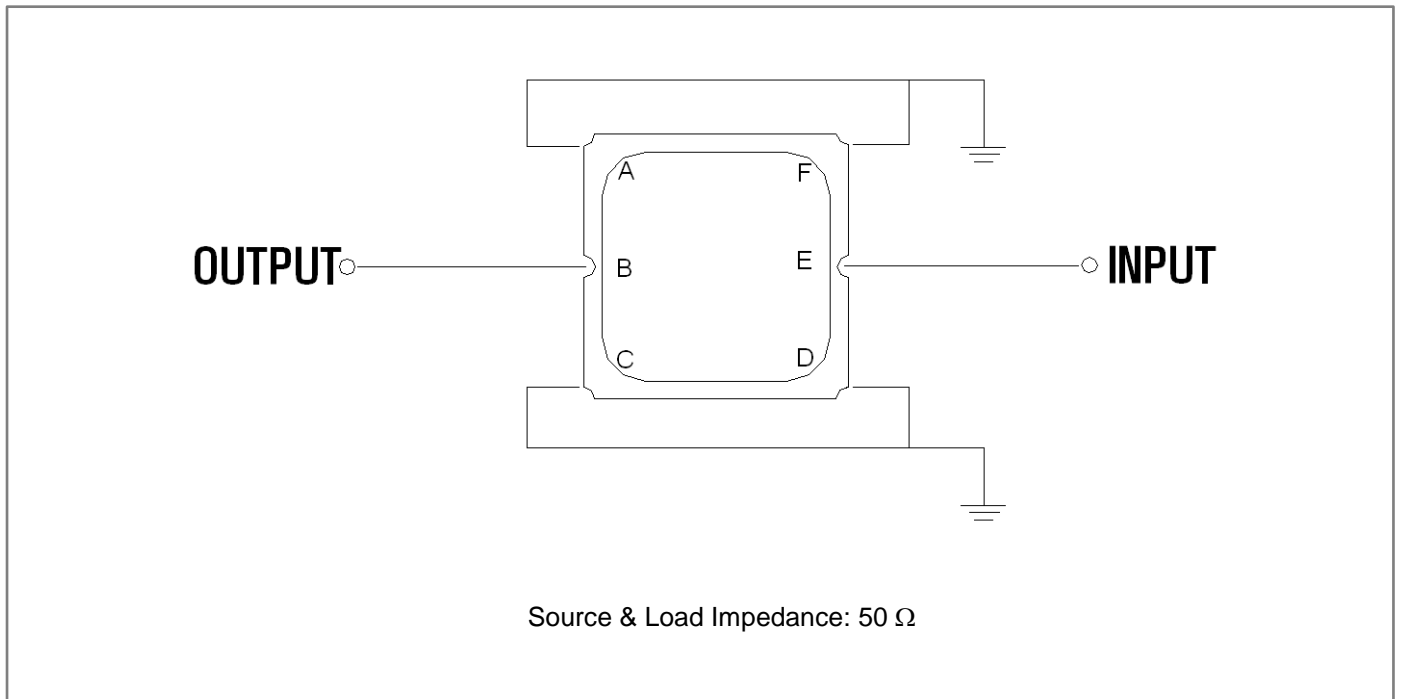
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	1130.0	-
Insertion Loss within 1120.0 ~ 1140.0 MHz	dB	-	0.8	2.0
Amplitude Ripple within 1120.0 ~ 1140.0 MHz	dB <sub>p-p</sub>	-	0.25	1.0
<b>Attenuation:</b>				
D.C. ~ 500.0 MHz	dB	17	20	-
500.0 ~ 1080.0 MHz	dB	15	17	-
1180.0~ 1190.0 MHz	dB	20	27	-
1190.0 ~ 1400.0 MHz	dB	15	18	-
VSWR within 1120.0 ~ 1140.0 MHz	-	-	1.7	2.1

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

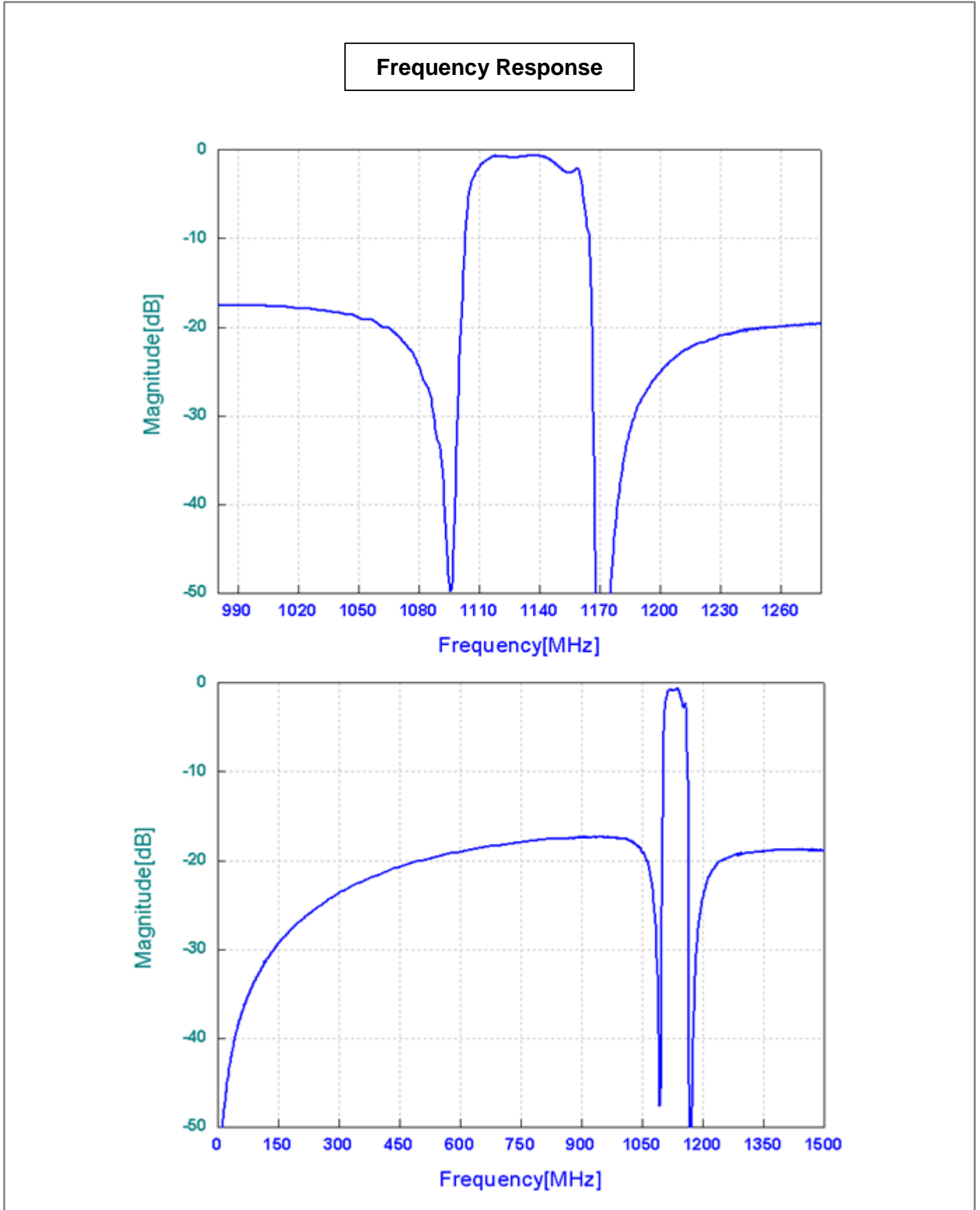
## Package Dimensions



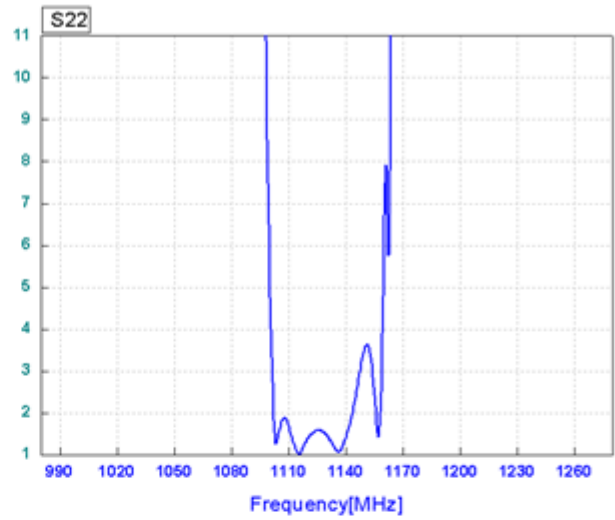
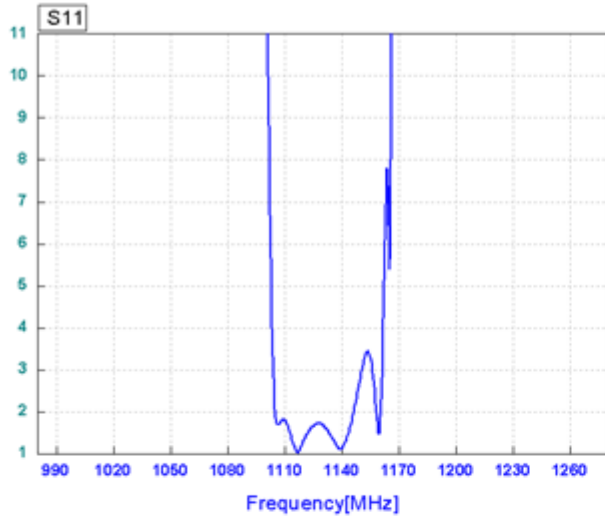
## Testing Environment



## Frequency Characteristics



## VSWR



## Smith Chart

