

- Wireless, RF SAW Filter
- Revision 1: January 2010

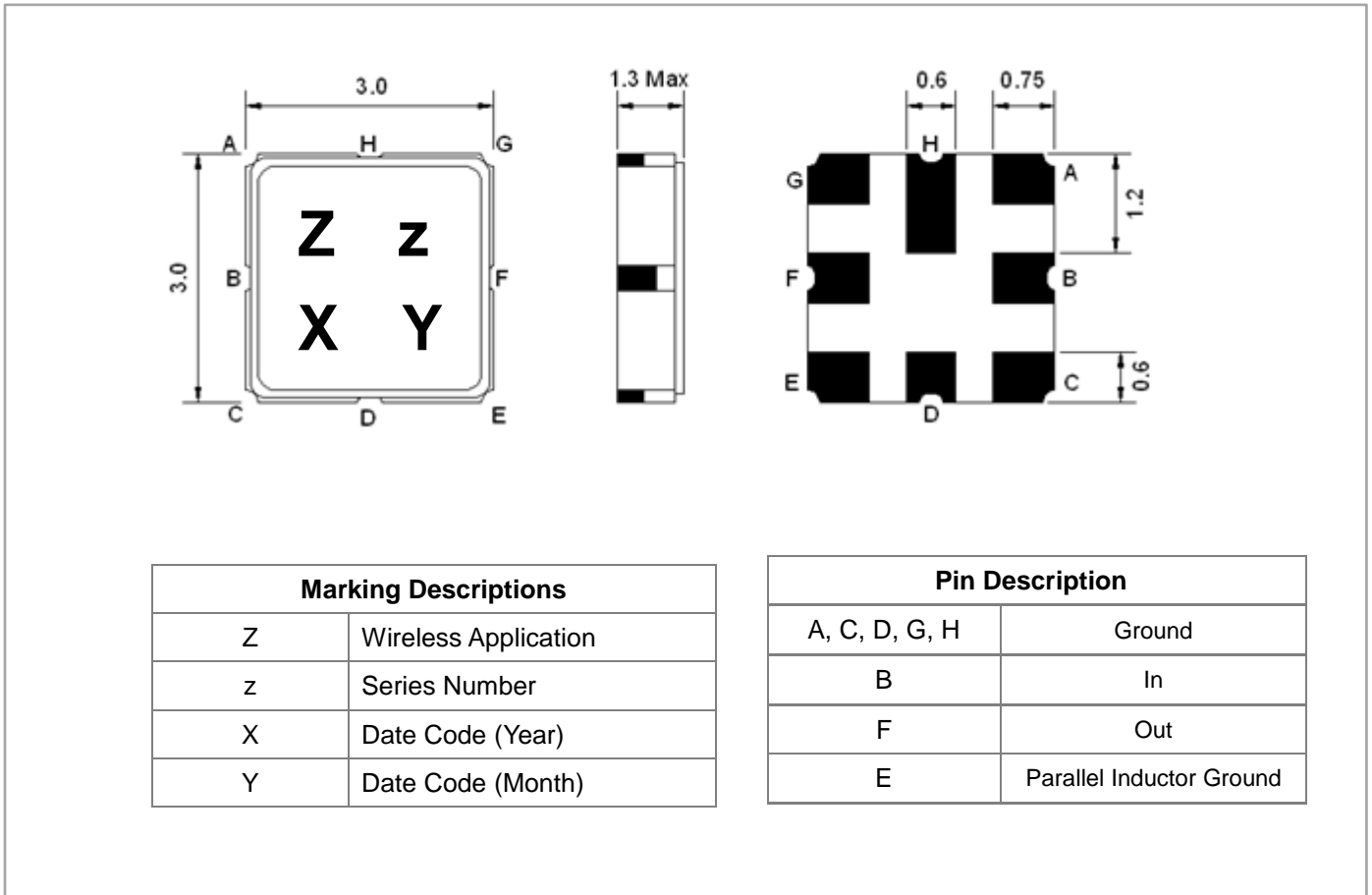
## Electrical Characteristics

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	M1			
Length x Width	mm <sup>2</sup>	-	3.0 x 3.0	-
Height	mm	-	-	1.3

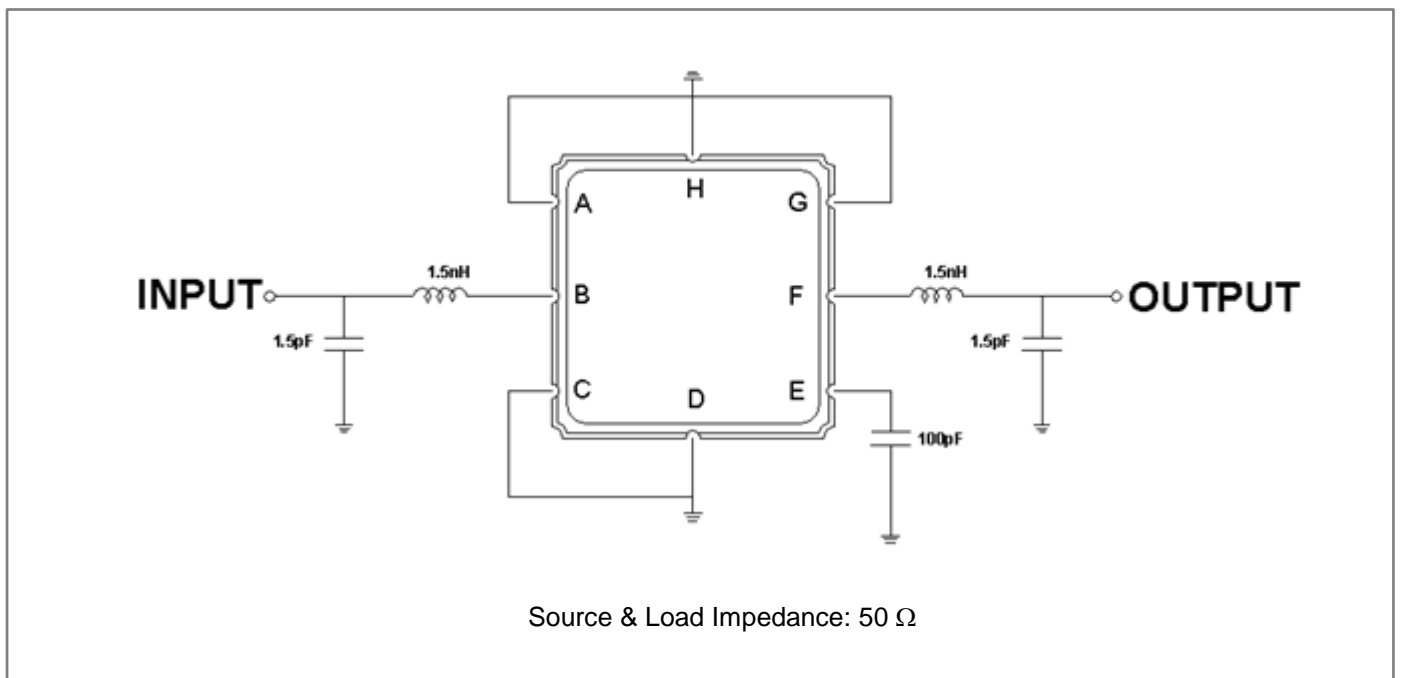
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	2350.0	-
Insertion Loss within 2300.0 ~ 2400.0 MHz	dB	-	2.8	3.8
Amplitude Ripple within 2300.0 ~ 2400.0 MHz	dB <sub>p-p</sub>	-	1.2	2.5
<b>Attenuation:</b>				
1963.0 ~ 2110.0 MHz	dB	35	36	-
2110.0 ~ 2232.0 MHz	dB	25	28	-
2232.0 ~ 2260.0 MHz	dB	10	13	-
2440.0 ~ 2500.0 MHz	dB	10	16	-
2500.0 ~ 2690.0 MHz	dB	25	28	-
Return Loss within 2300.0 ~ 2400.0 MHz	dB	7	12	-

**Notes:** (1) With Matching Network

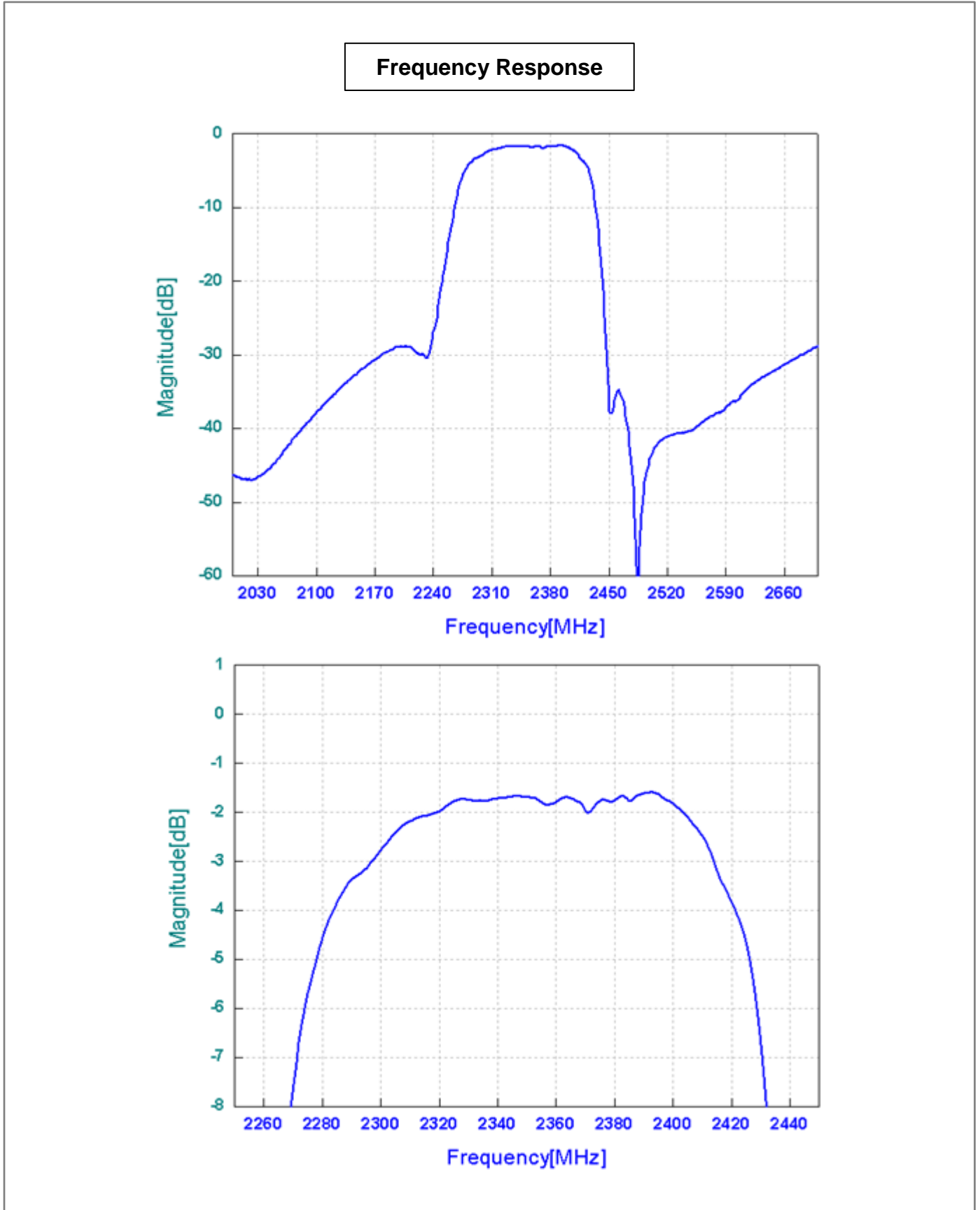
## Package Dimensions



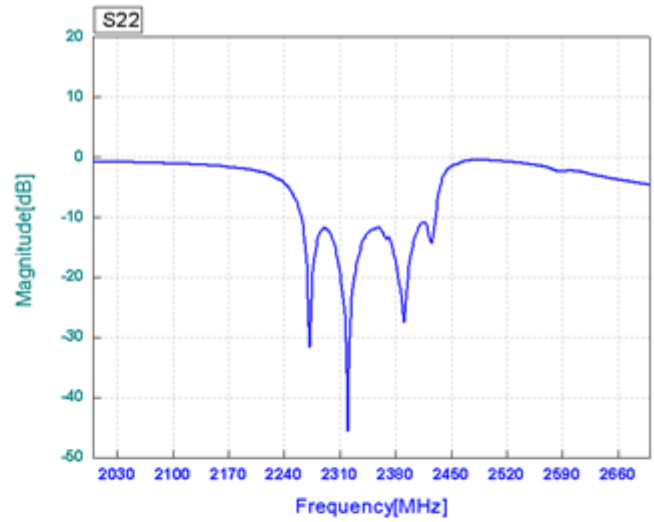
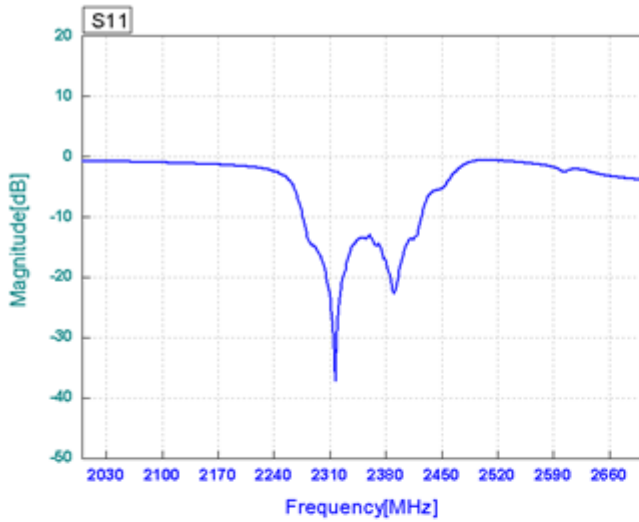
## Testing Environment



## Frequency Characteristics



## Return Loss



## Smith Chart

