

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

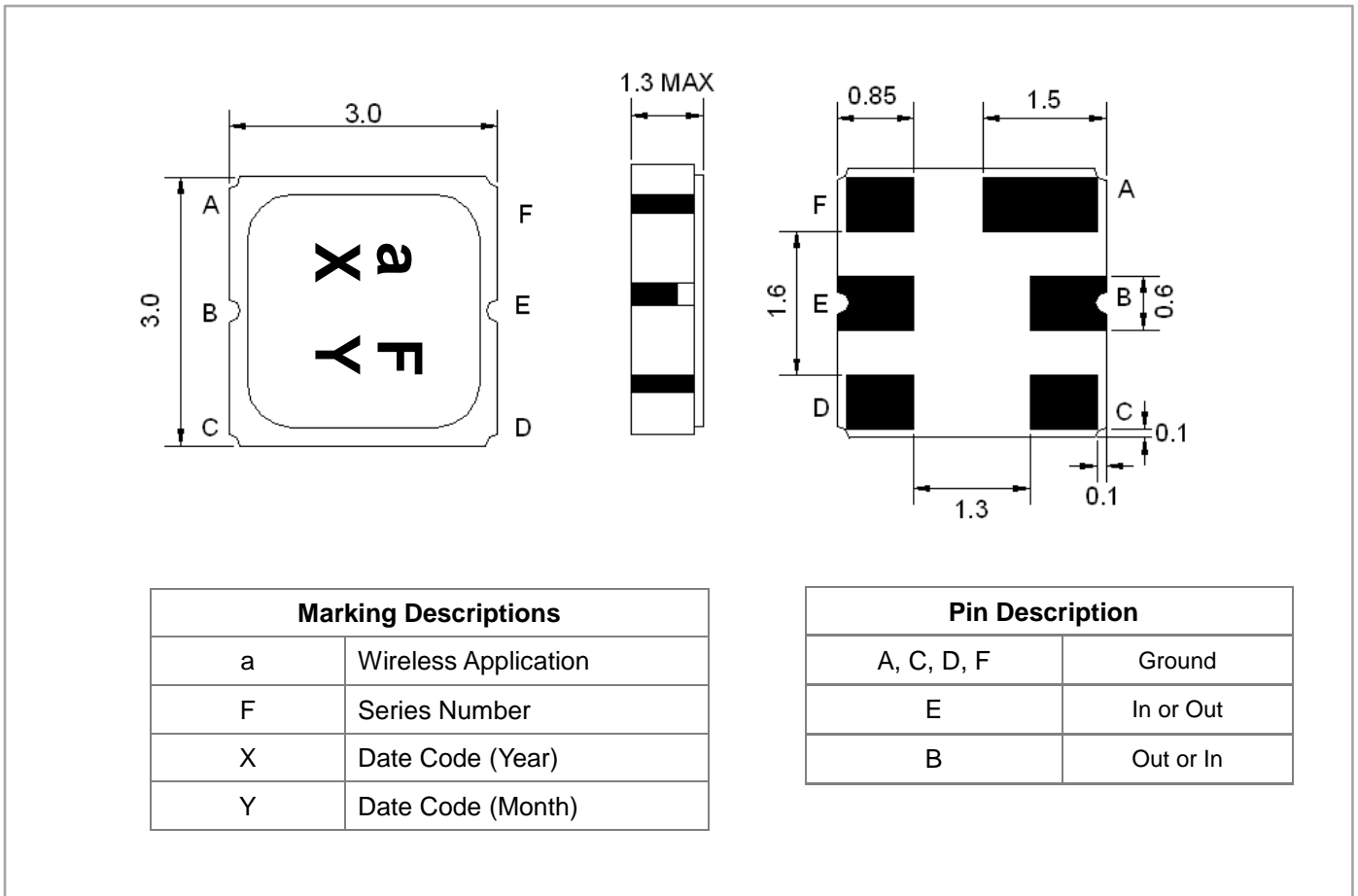
## Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-10	-	+75
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	3
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

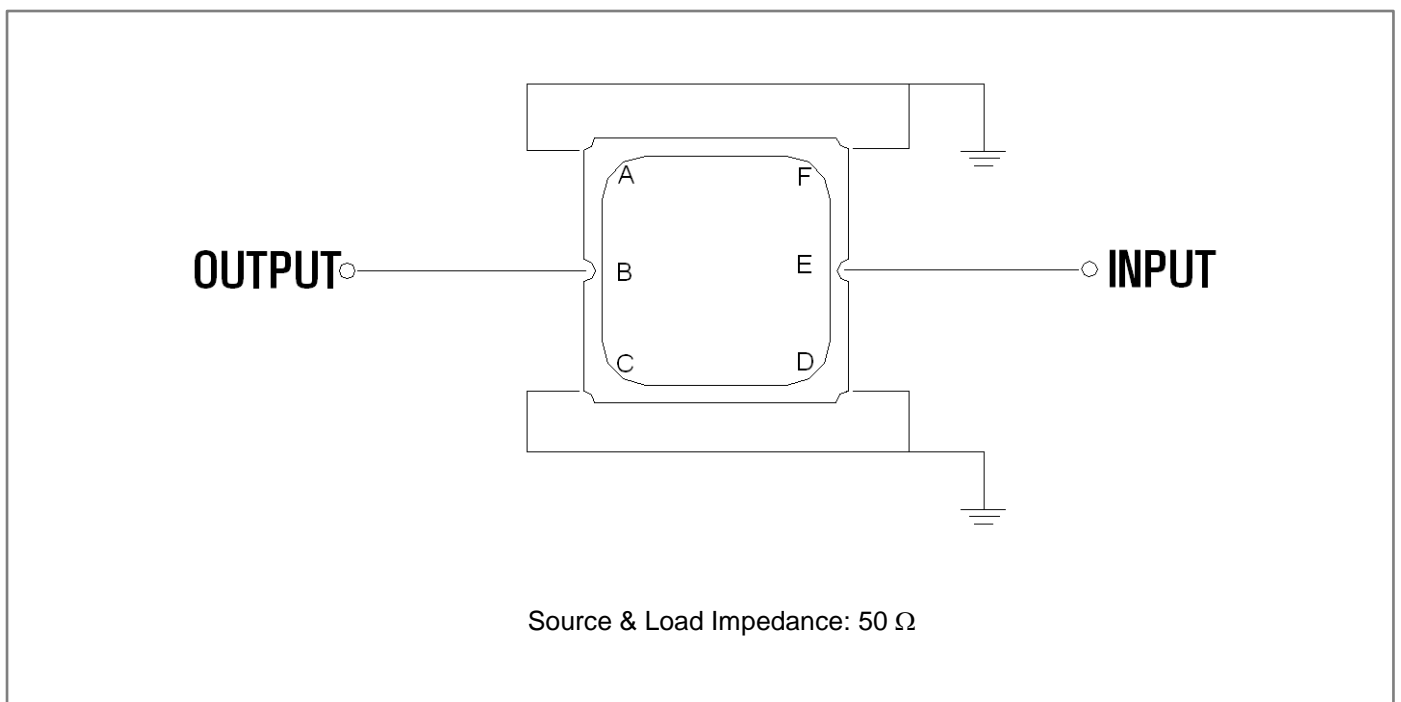
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	940.5	-
Insertion Loss within 921.0 ~ 960.0 MHz	dB	-	3.2	4.4
Amplitude Ripple within 921.0 ~ 960.0 MHz	dB <sub>p-p</sub>	-	1.5	2.6
<b>Attenuation:</b>				
0 ~ 800.0 MHz	dB	45	60	-
800.0 ~ 880.0 MHz	dB	38	47	-
880.0 ~ 902.0 MHz	dB	31	42	-
981.0 ~ 985.0 MHz	dB	19	27	-
985.0 ~ 1005.0 MHz	dB	23	28	-
1005.0 ~ 1025.0 MHz	dB	28	33	-
1025.0 ~ 1760.0 MHz	dB	40	50	-
1760.0 ~ 2300.0 MHz	dB	30	39	-
2300.0 ~ 3000.0 MHz	dB	20	27	-
VSWR within 921.0 ~ 960.0 MHz	-	-	2.0	2.6

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

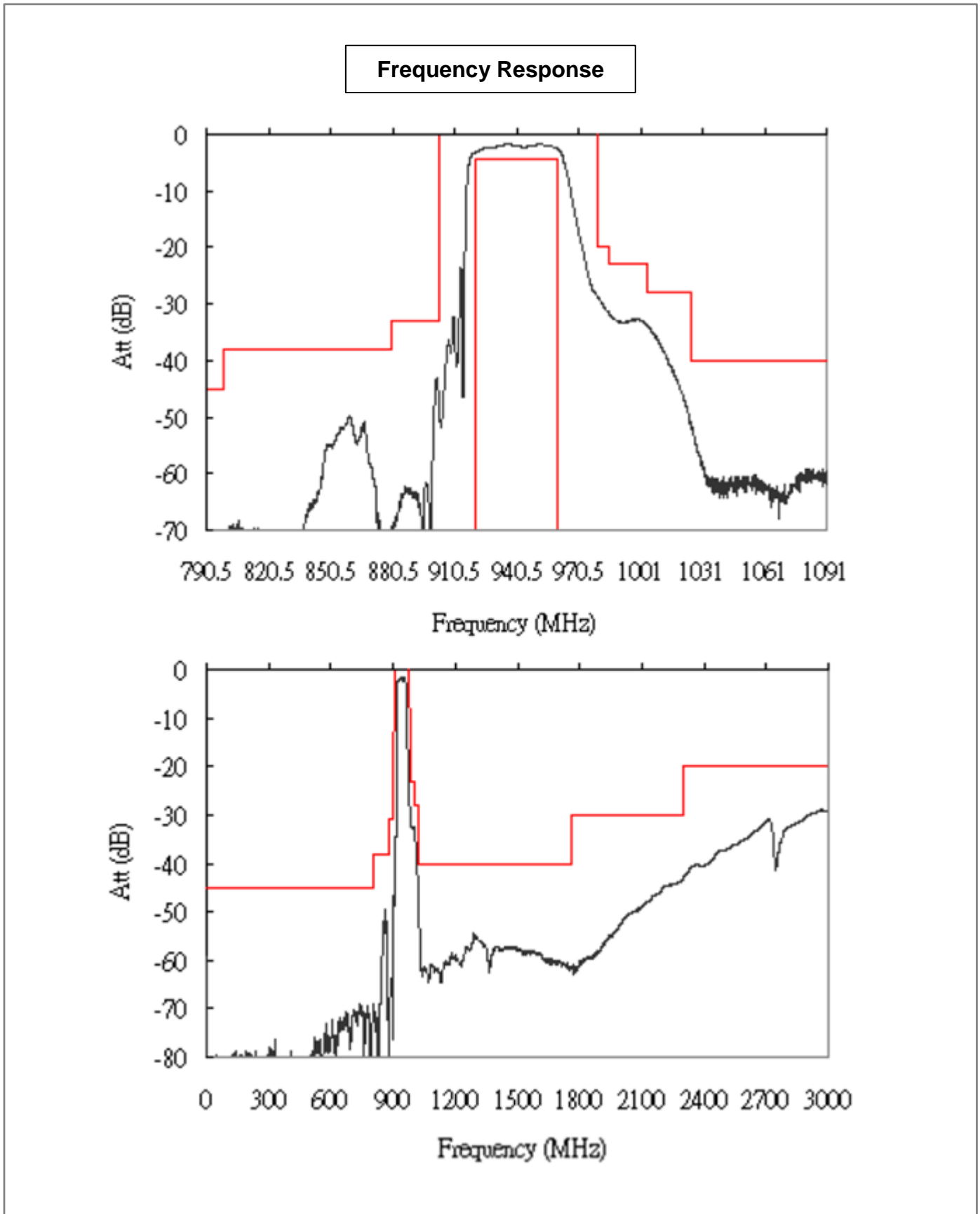
## Package Dimensions



## Testing Environment



**Frequency Characteristics**



VSWR

