

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

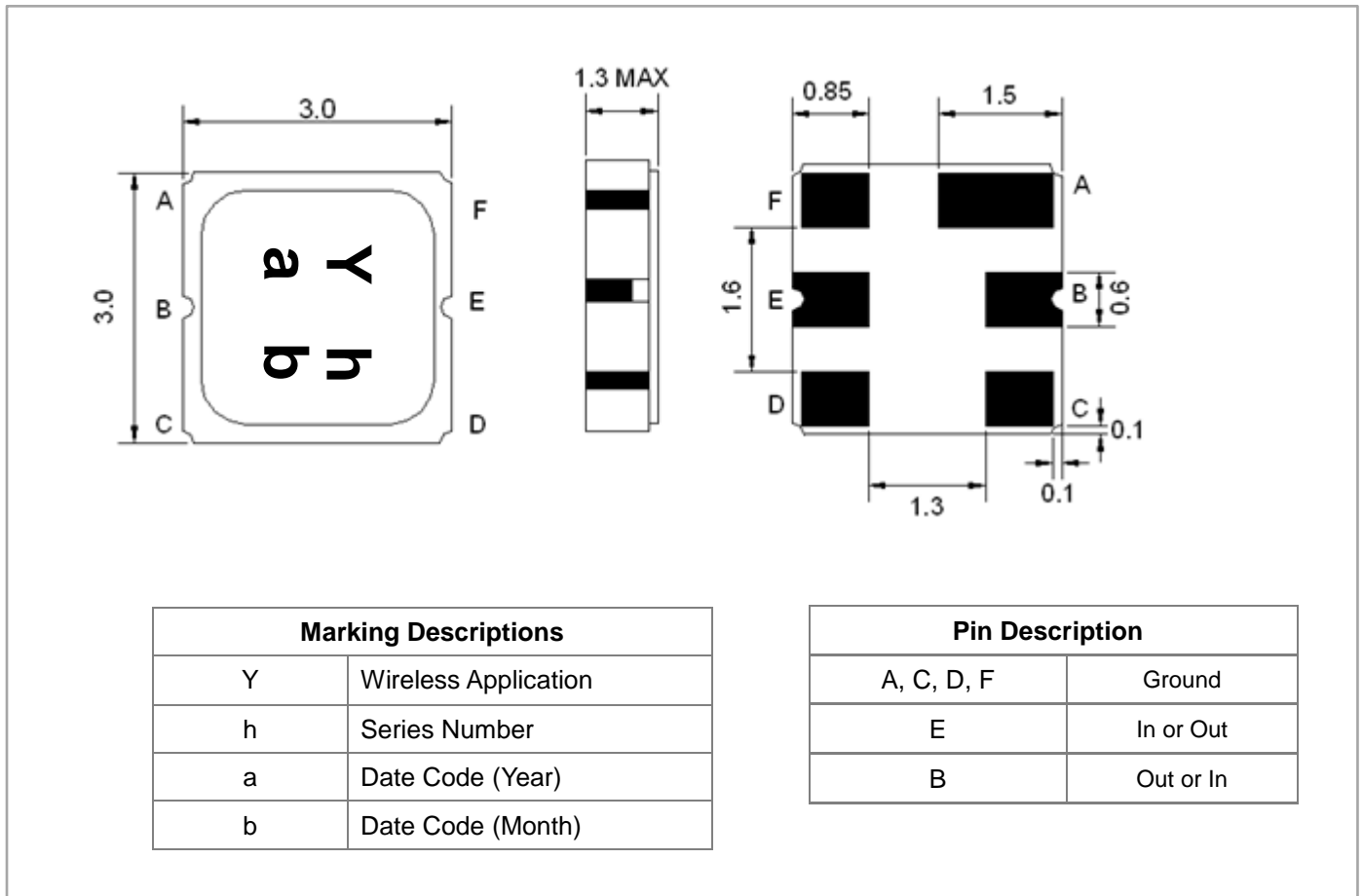
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+80
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	10
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	M			
Length x Width	mm ²	-	3.0 x 3.0	-
Height	mm	-	-	1.3

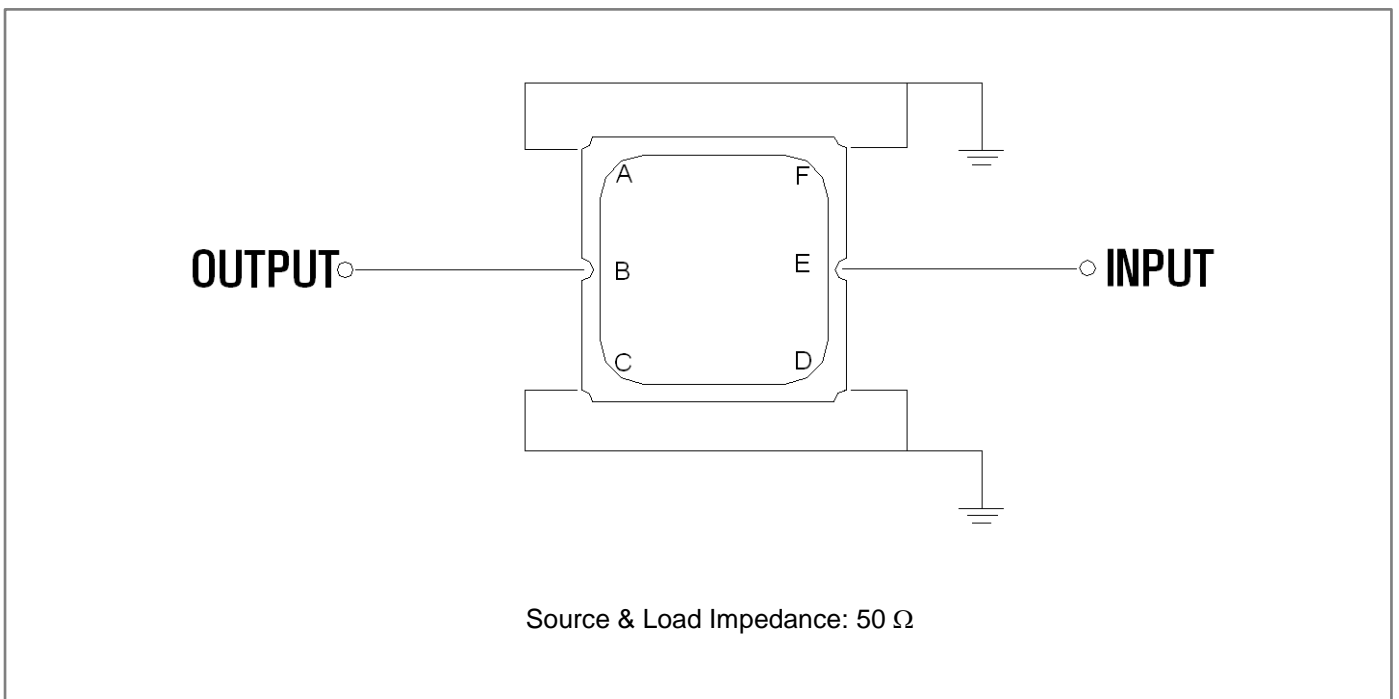
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	2065.0	-
Insertion Loss within 2032.5 ~ 2097.5 MHz	dB	-	2.8	3.5
Amplitude Ripple within 2032.5 ~ 2097.5 MHz	dB _{p-p}	-	0.3	1.2
Attenuation:				
1630.0 ~ 1900.0 MHz	dB	24	26	-
2230.0 ~ 2430.0 MHz	dB	25	30	-
VSWR within 2032.5 ~ 2097.5 MHz	-	-	1.3	2.0

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

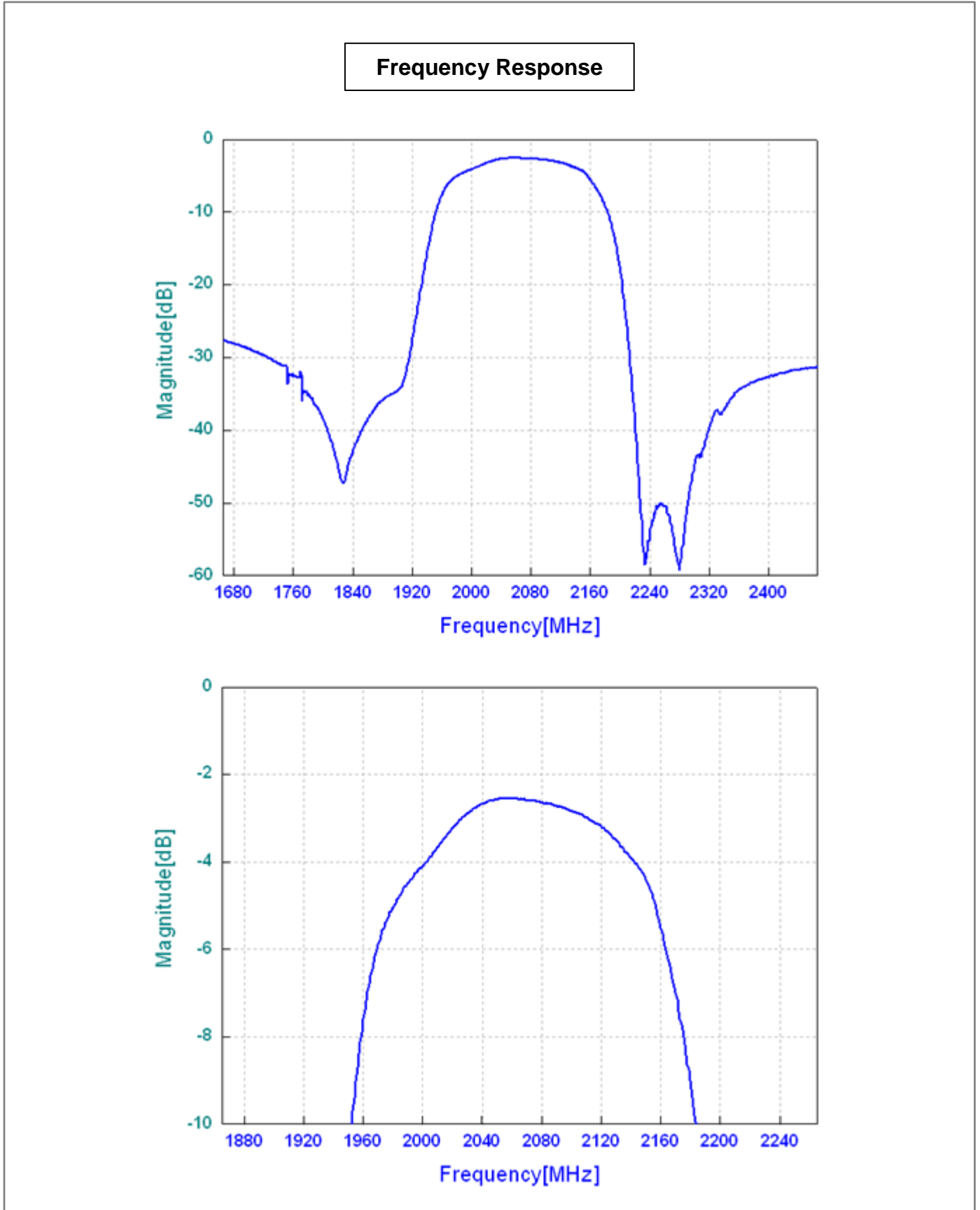
Package Dimensions



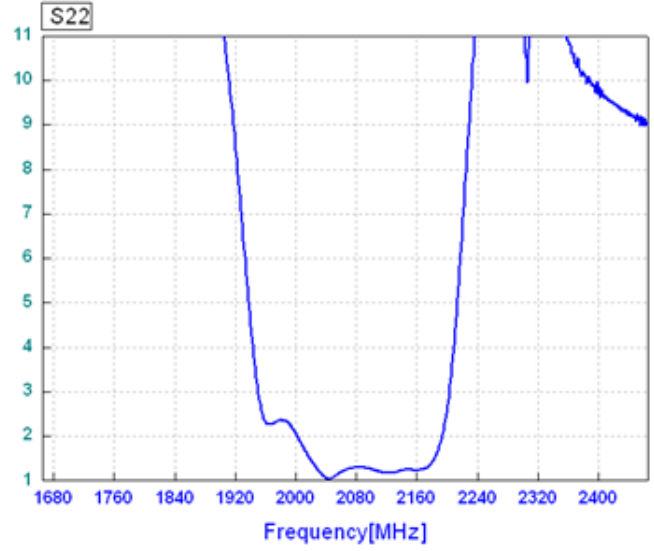
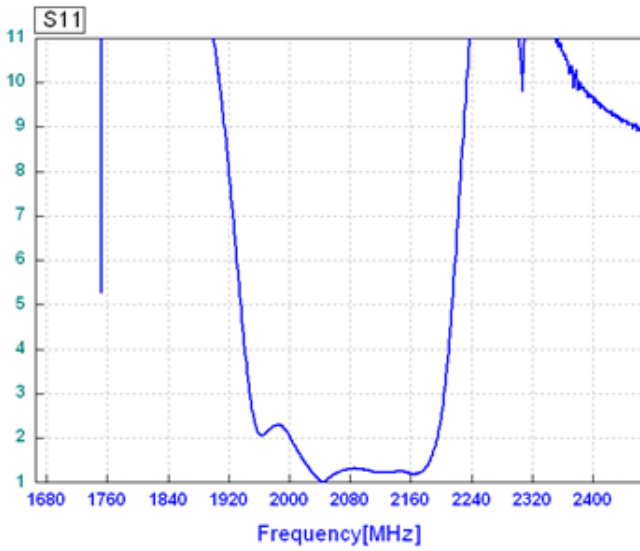
Testing Environment



Frequency Characteristics



VSWR



Smith Chart

