

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

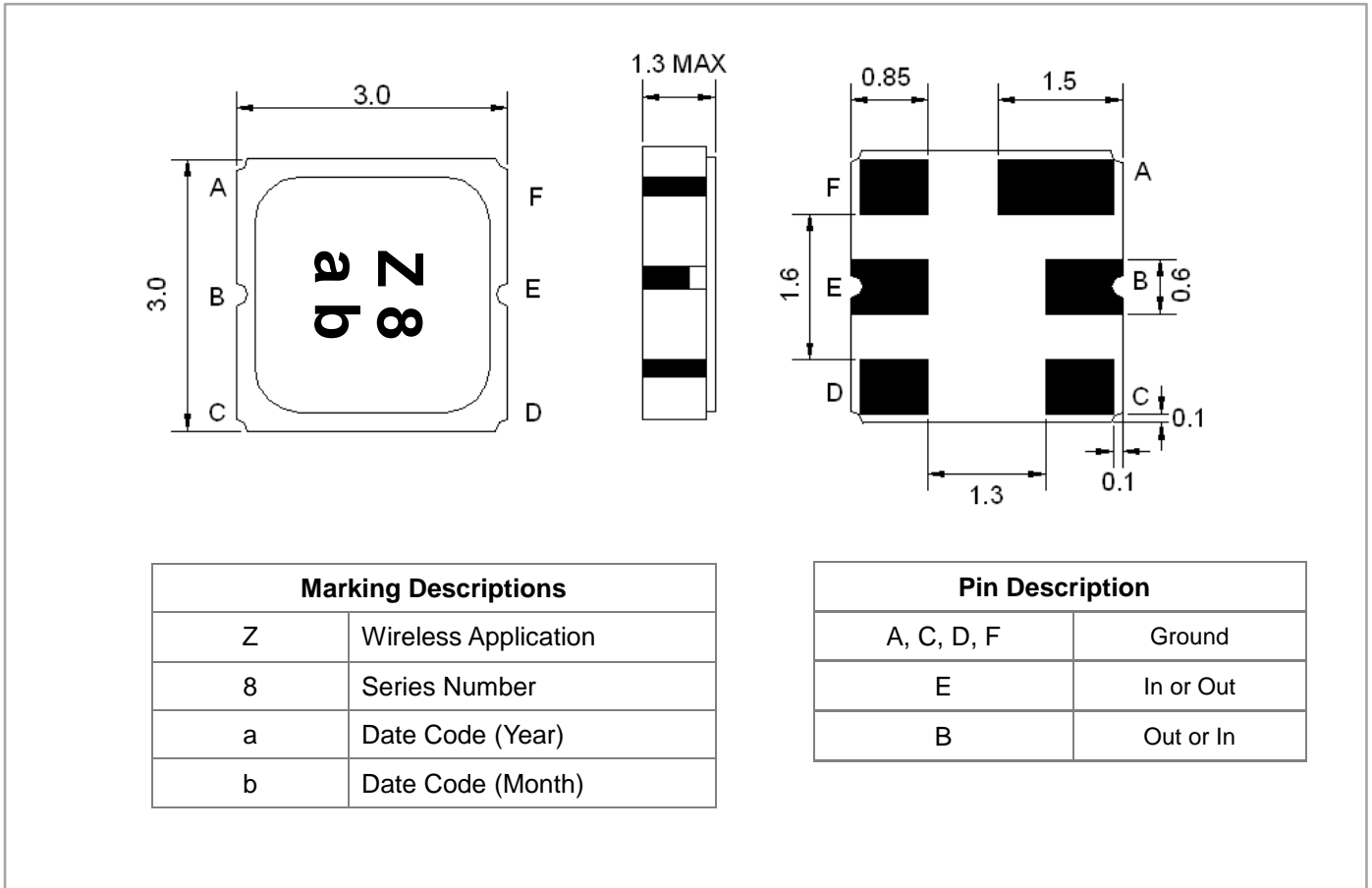
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+80
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	3
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

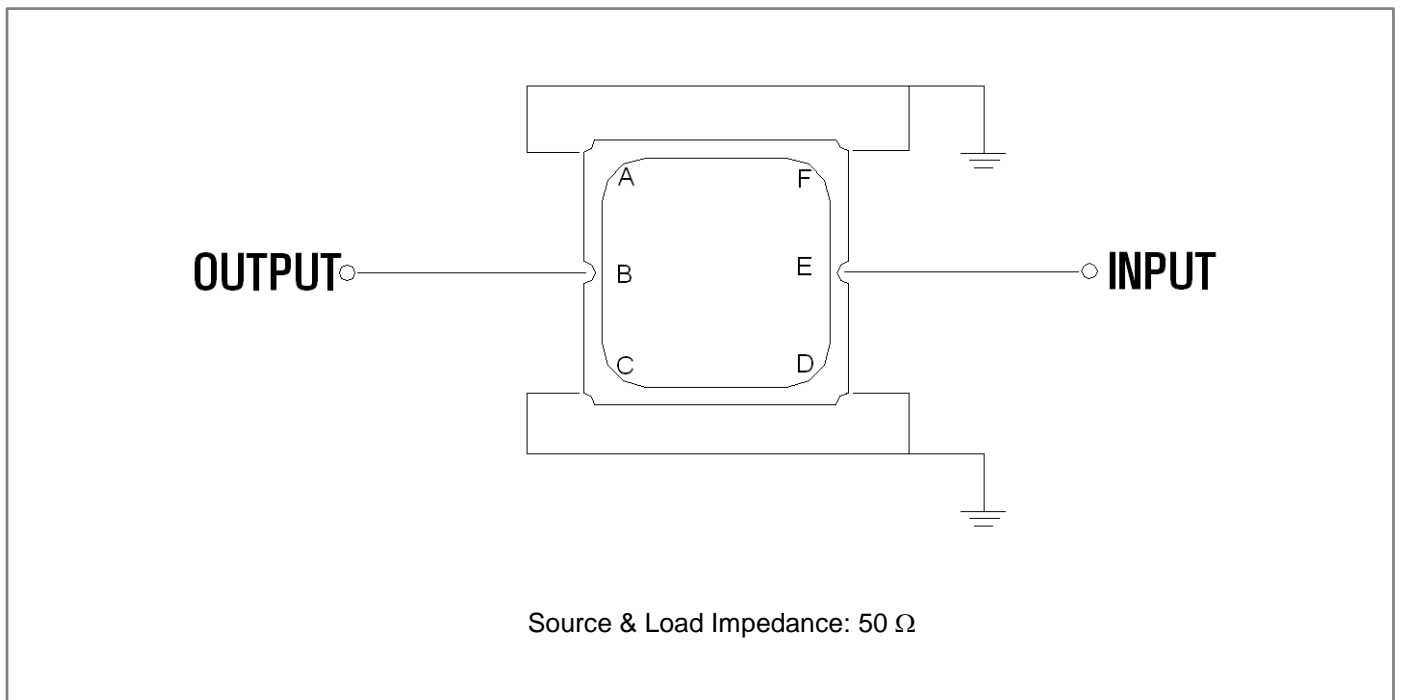
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	2160.0	-
Insertion Loss within 2150.0~2170.0MHz	dB	-	2.0	3.5
Amplitude Ripple within 2150.0 ~ 2170.0 MHz	dB _{p-p}	-	0.2	2.0
Attenuation:				
D.C. ~ 500.0 MHz	dB	21	39	-
500.0 ~ 1900.0 MHz	dB	20	35	-
1900.0 ~ 2050.0 MHz	dB	25	38	-
2050.0 ~2090.0 MHz	dB	30	35	-
2240.0 ~2300.0 MHz	dB	20	49	-
2300.0 ~ 4500.0 MHz	dB	22	29	-
VSWR within 2150.0 ~ 2170.0 MHz	-	-	1.3	2.3

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

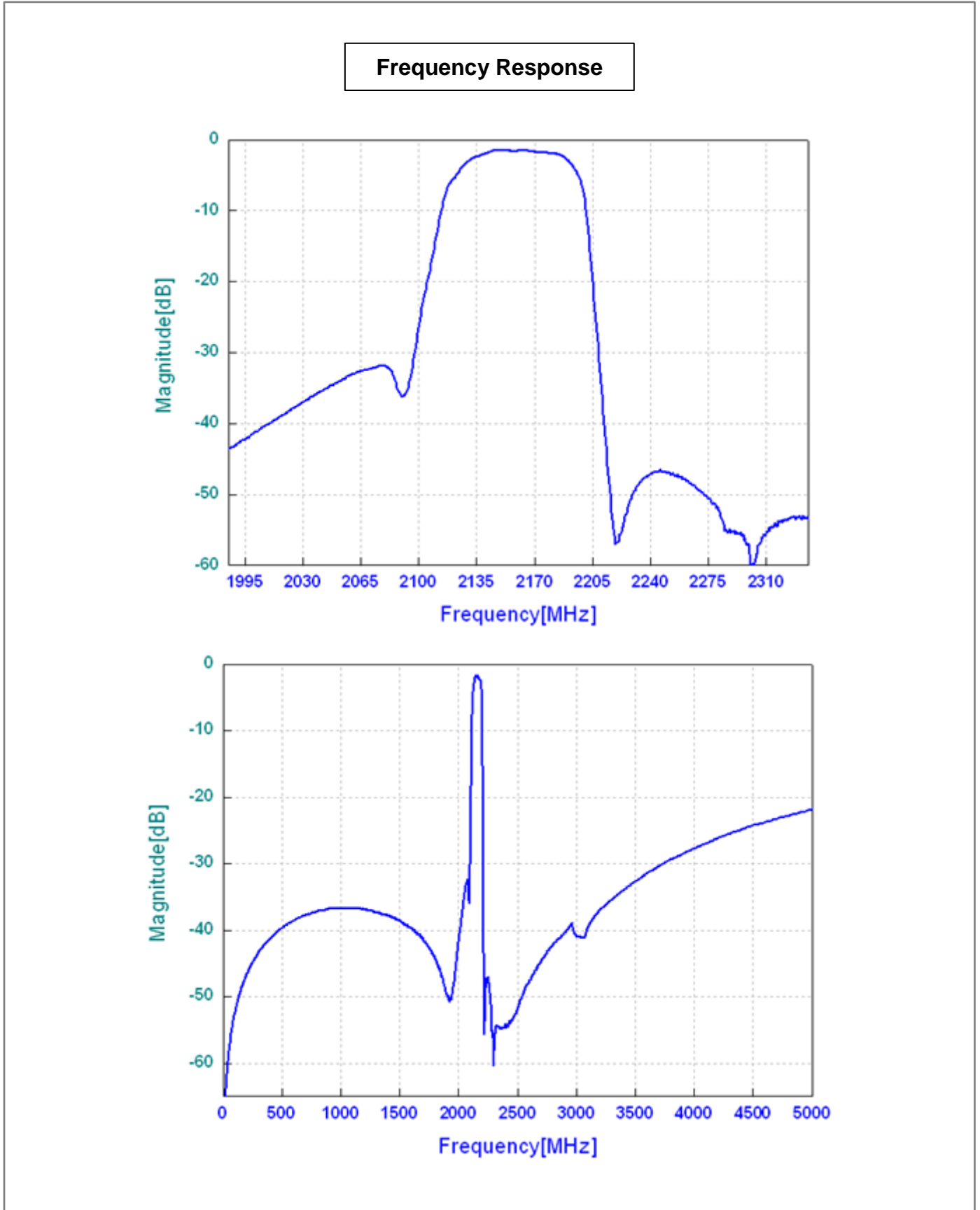
Package Dimensions



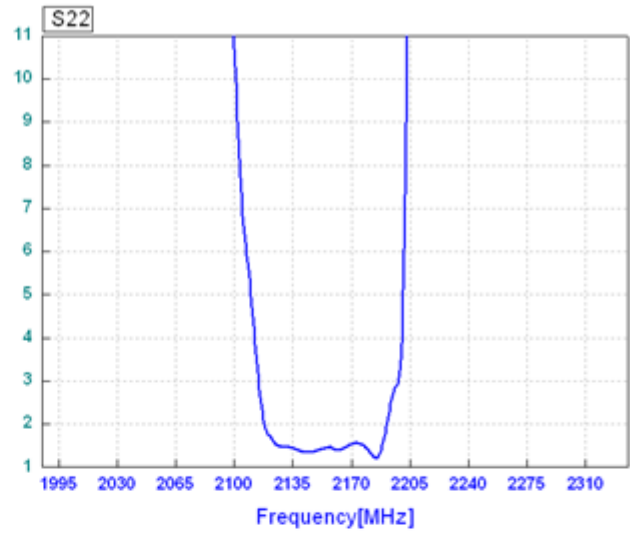
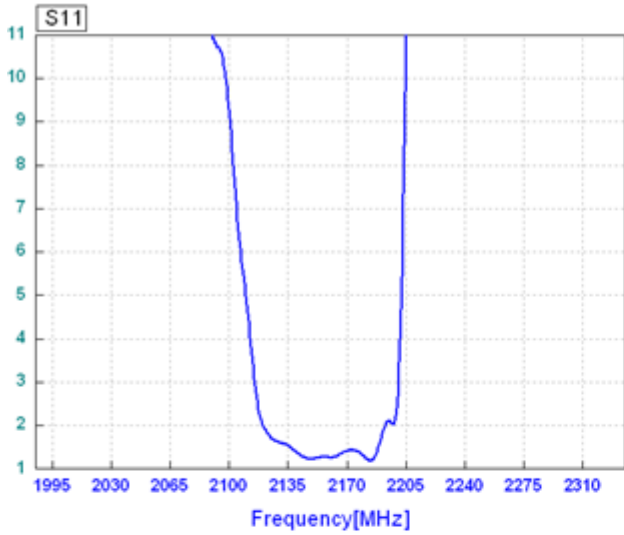
Testing Environment



Frequency Characteristics



VSWR



Smith Chart

