

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

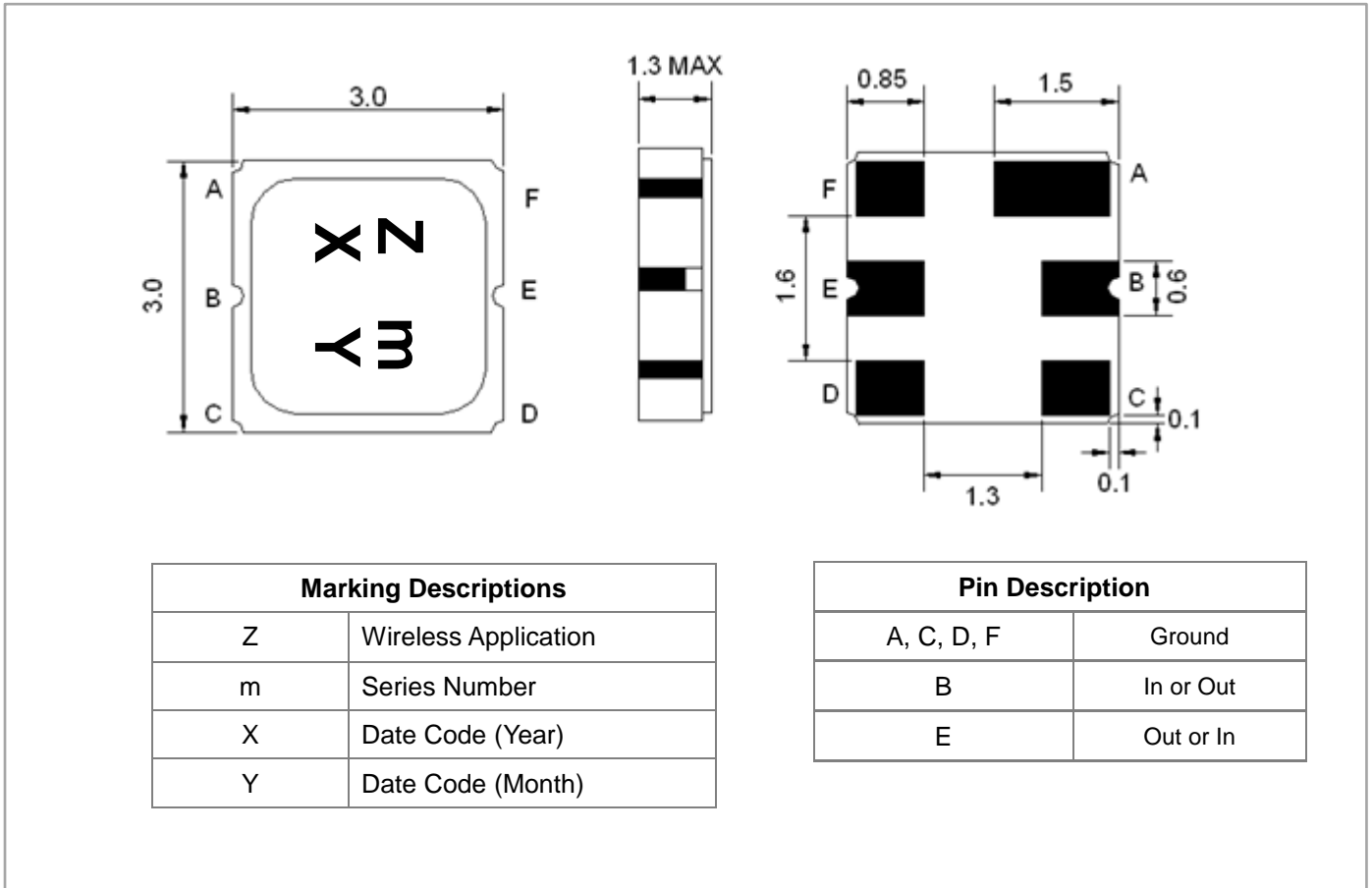
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+85
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

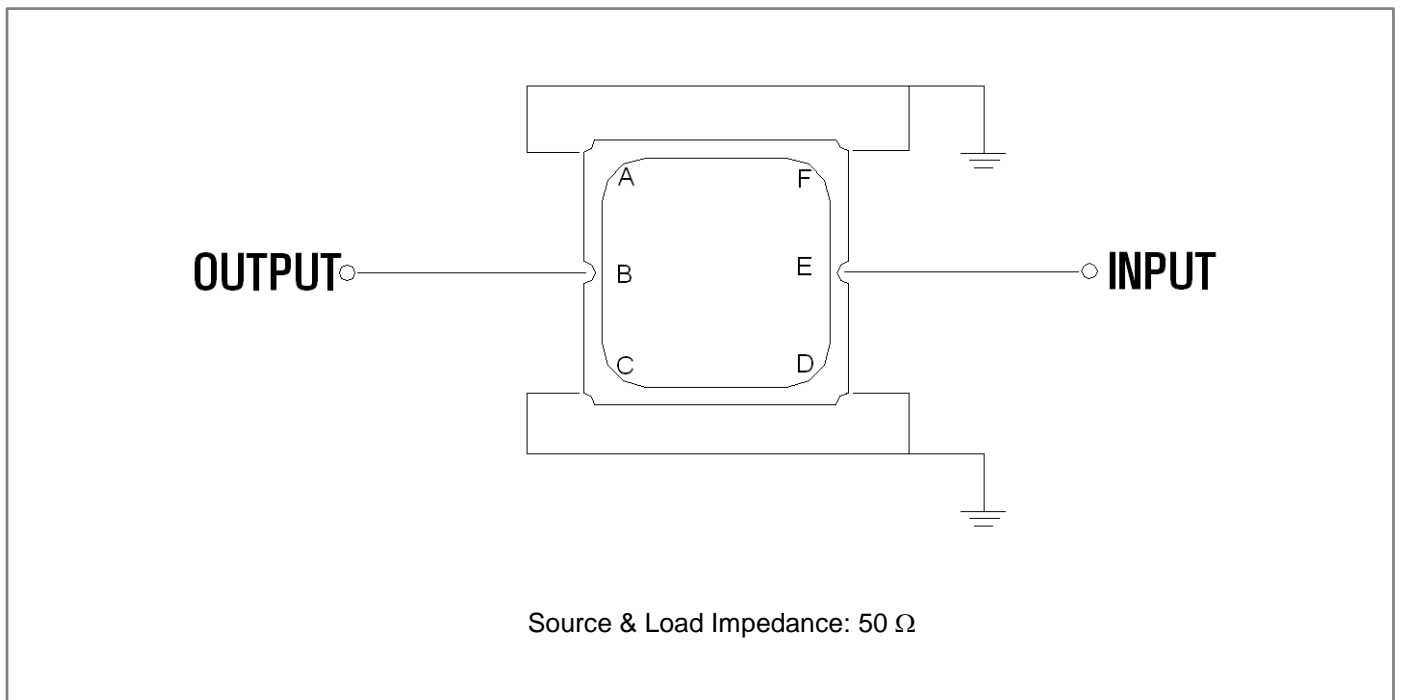
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	2140.0	-
Insertion Loss within 2130.0 ~ 2150.0 MHz	dB	-	1.6	3.5
Amplitude Ripple within 2130.0 ~ 2150.0 MHz	dB _{p-p}	-	0.3	1.5
Attenuation:				
1880.0 ~ 2040.0 MHz	dB	35	48	-
2215.0 ~ 2400.0 MHz	dB	40	54	-
VSWR within 2130.0 ~ 2150.0 MHz	-	-	1.3	2.2

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

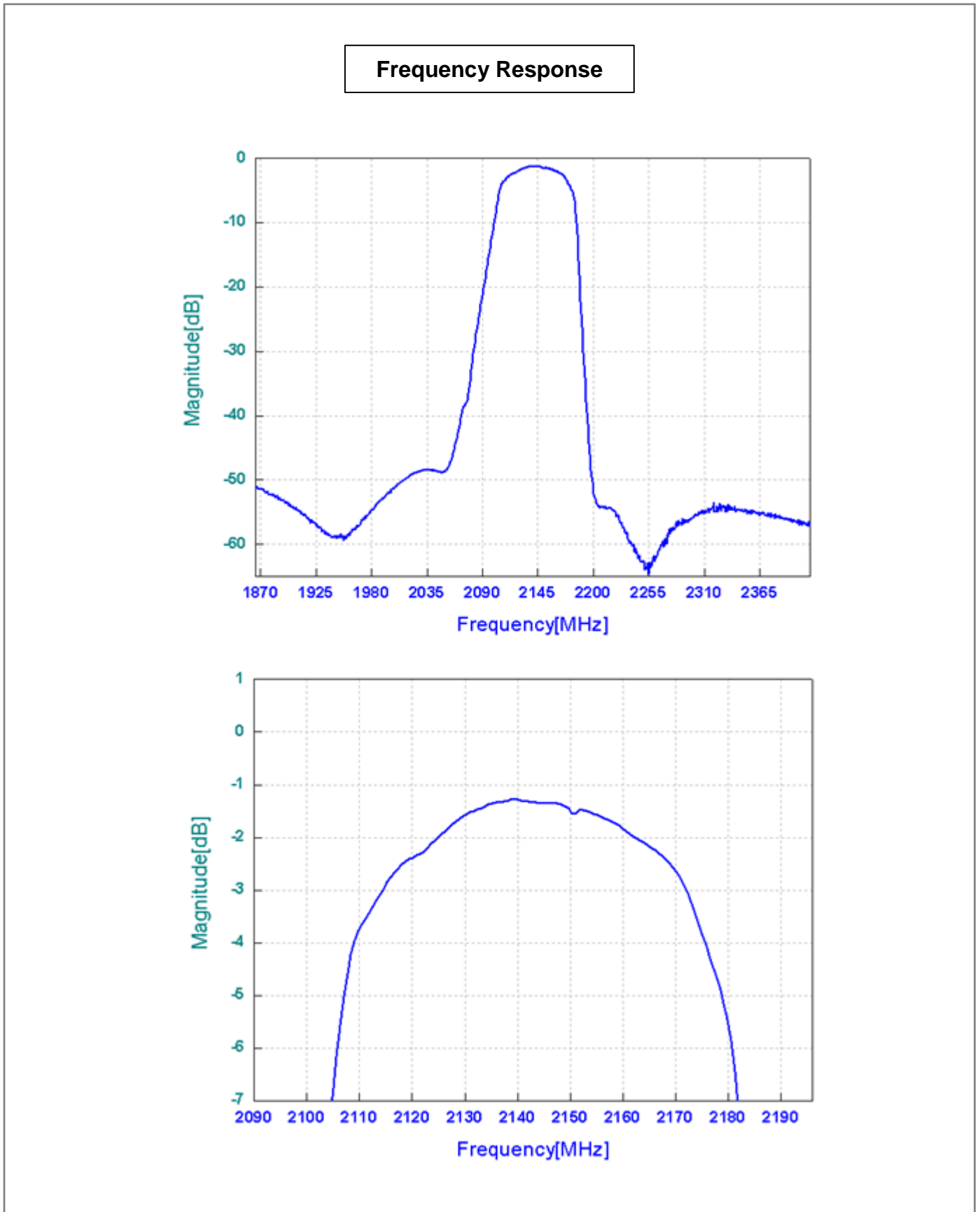
Package Dimensions



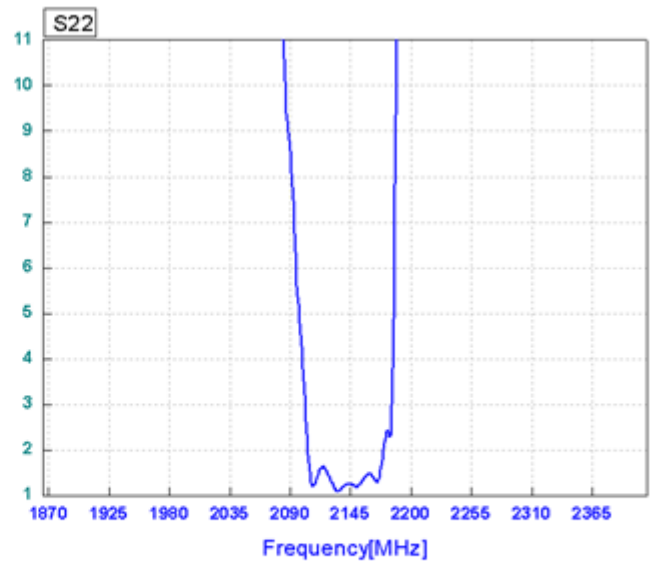
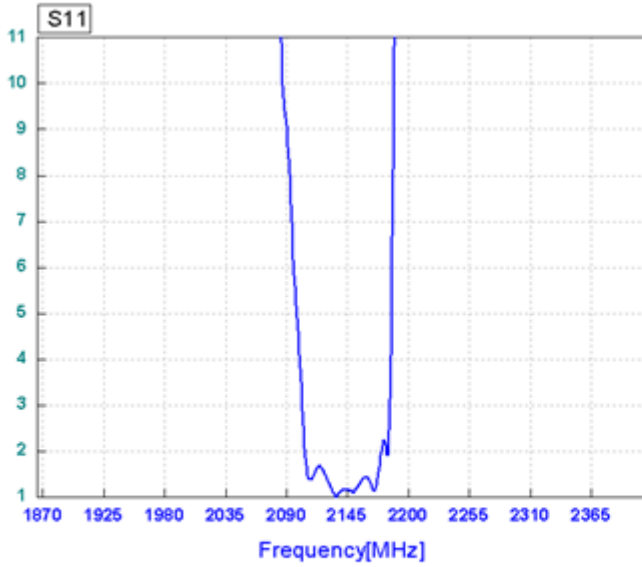
Testing Environment



Frequency Characteristics



VSWR



Smith Chart

