

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

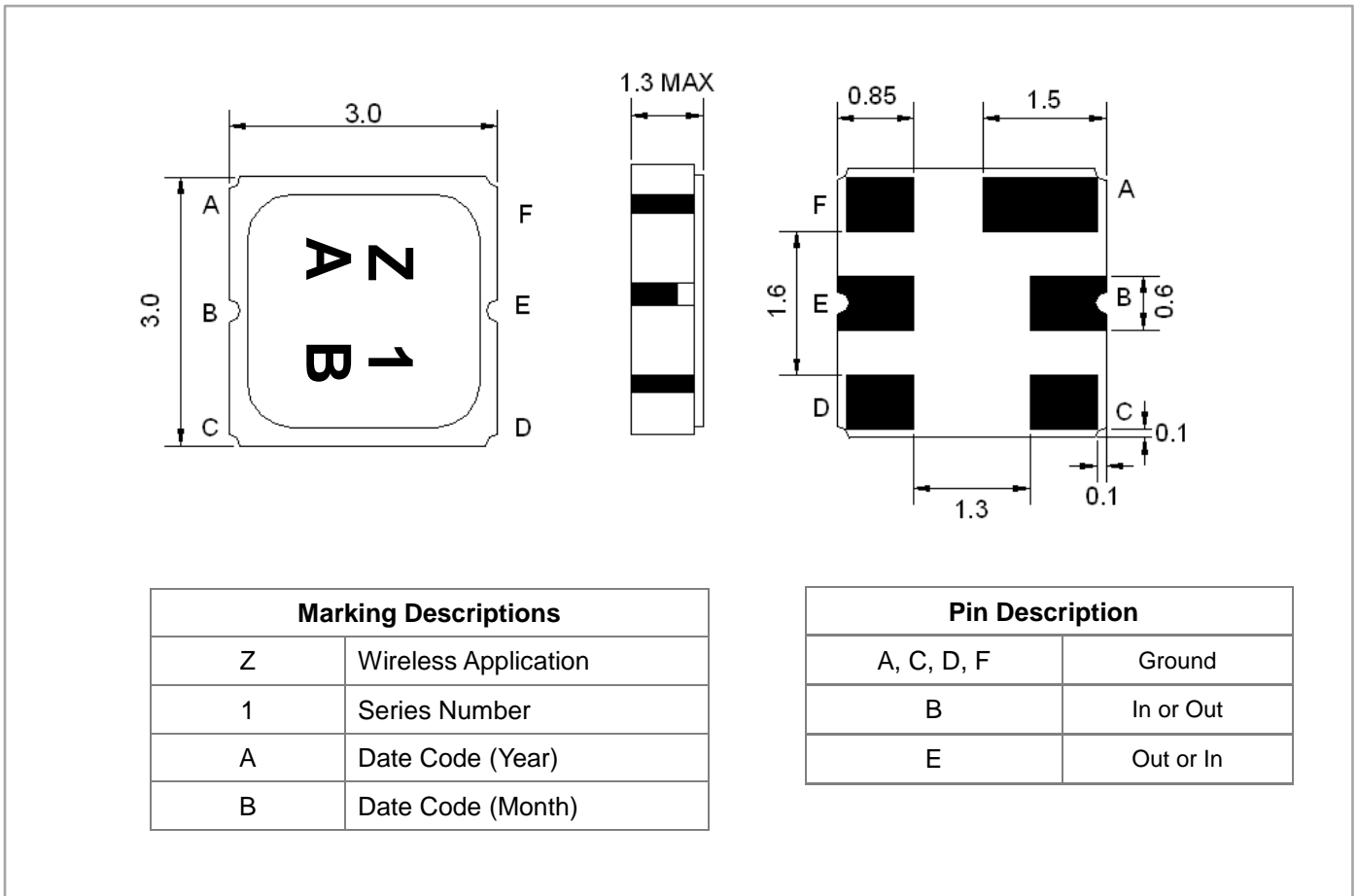
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+75
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

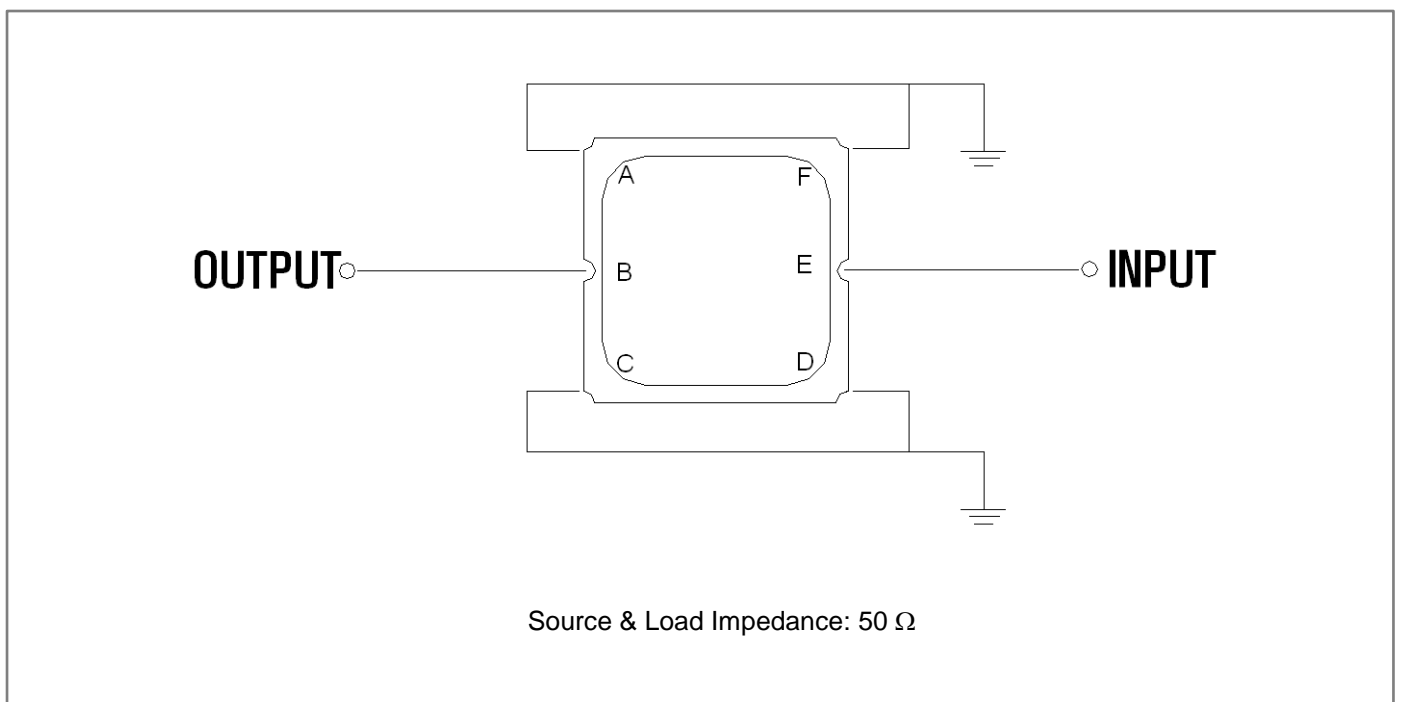
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	1090.0	-
Insertion Loss within 1080.0 ~ 1100.0 MHz	dB	-	0.9	2.0
Amplitude Ripple within 1080.0 ~ 1100.0 MHz	dB _{p-p}	-	0.3	1.0
Attenuation:				
D.C. ~ 500.0 MHz	dB	17	20	-
500.0 ~ 1040.0 MHz	dB	14	17	-
1140.0~ 1150.0 MHz	dB	20	27	-
1150.0 ~ 1400.0 MHz	dB	15	18	-
VSWR within 1080.0 ~ 1100.0 MHz	-	-	1.75	2.2

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

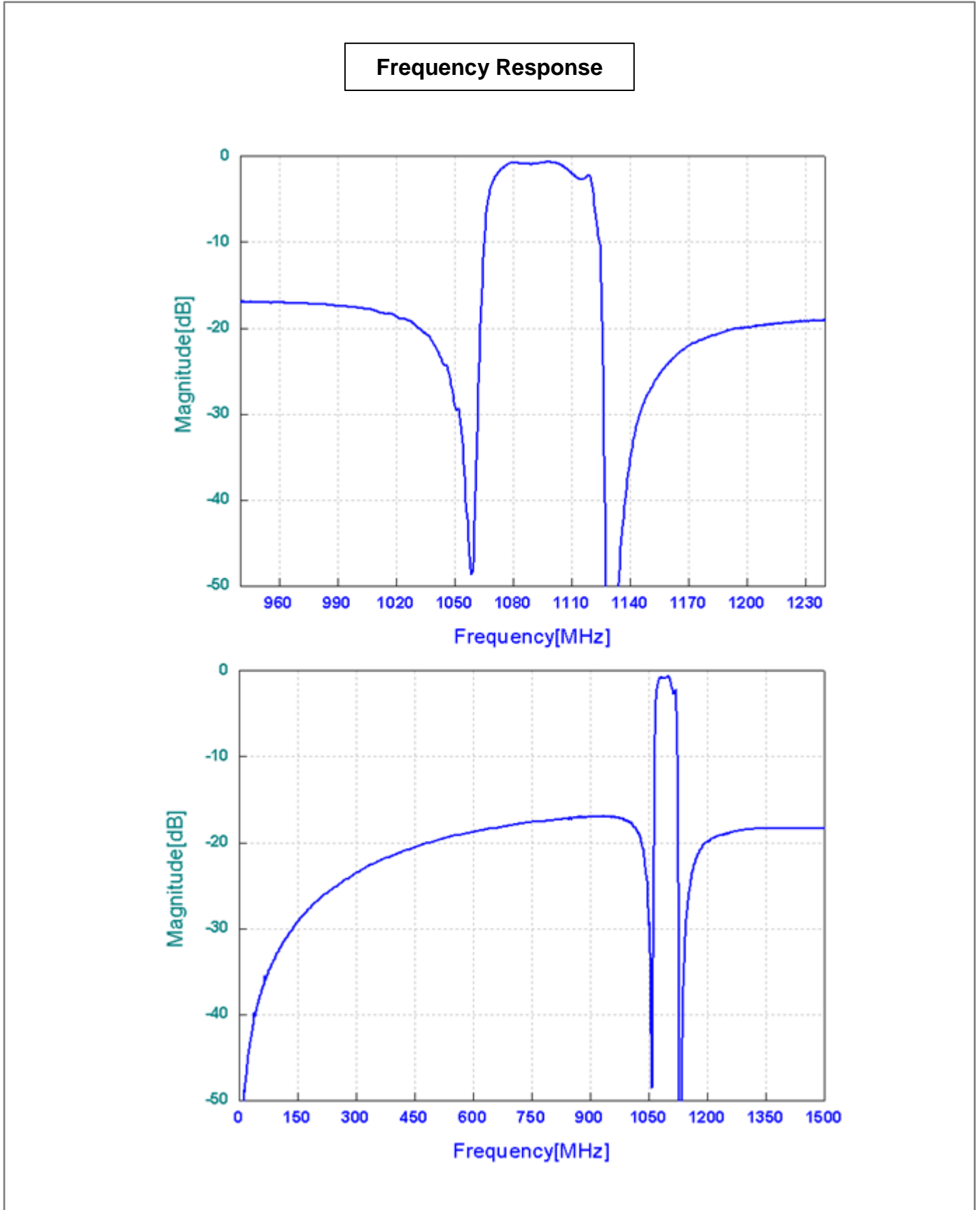
Package Dimensions



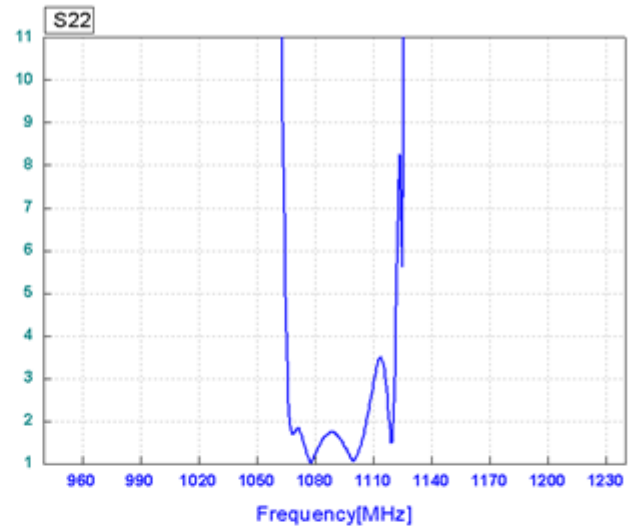
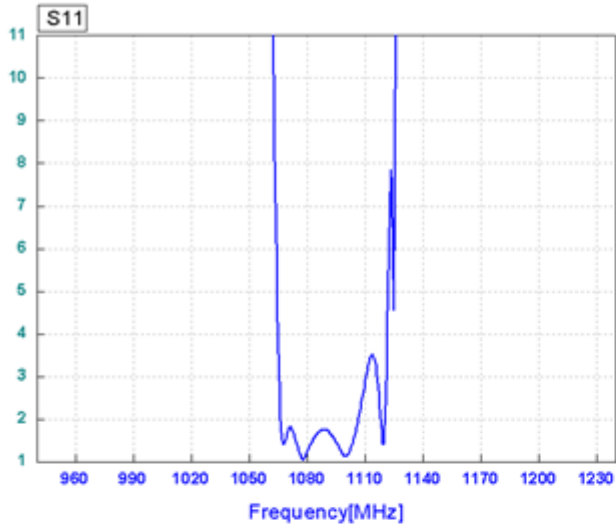
Testing Environment



Frequency Characteristics



VSWR



Smith Chart

