

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

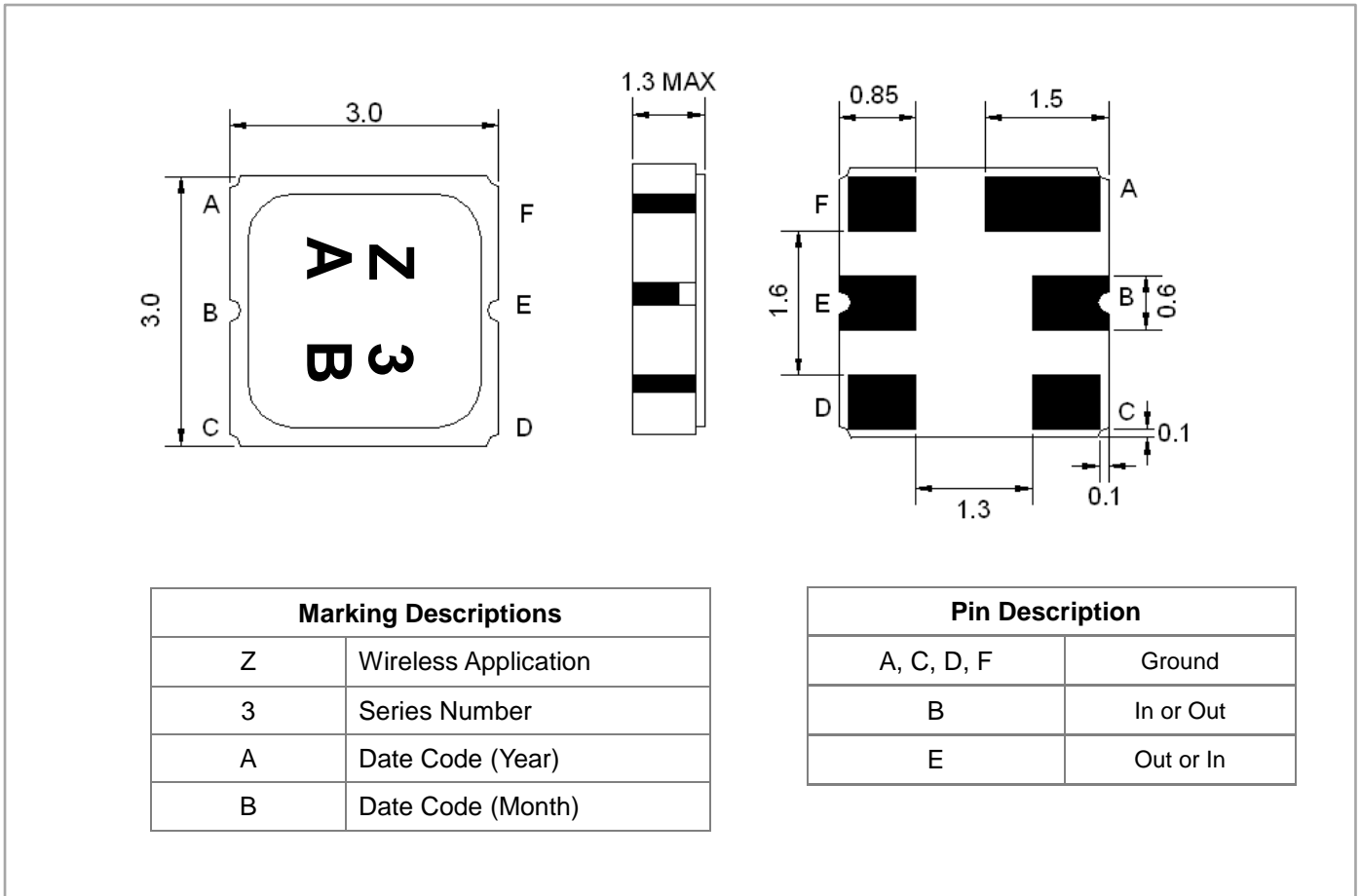
Electrical Characteristics

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

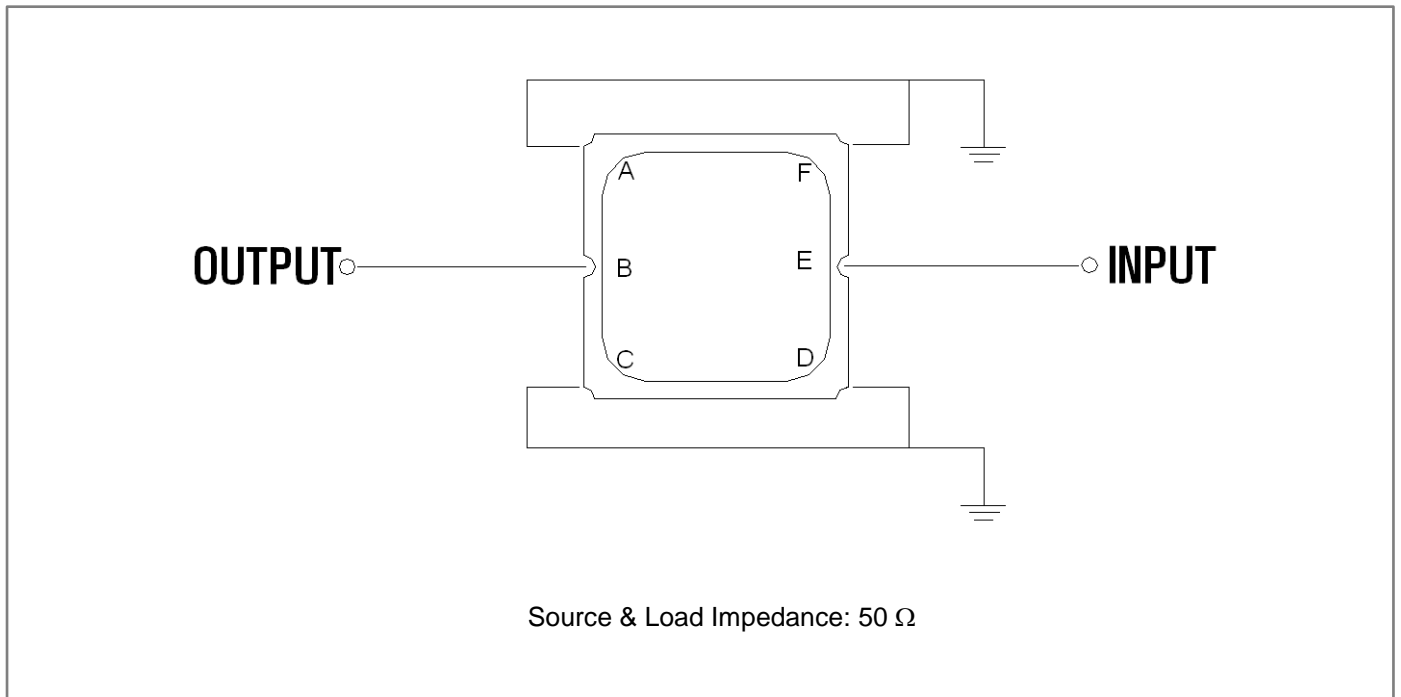
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	1170.0	-
Insertion Loss within 1160.0 ~ 1180.0 MHz	dB	-	0.7	2.0
Amplitude Ripple within 1160.0 ~ 1180.0 MHz	dB _{p-p}	-	0.15	1.0
Attenuation:				
D.C. ~ 500.0 MHz	dB	17	20	-
500.0 ~ 1120.0 MHz	dB	15	17	-
1220.0~ 1230.0 MHz	dB	20	27	-
1230.0 ~ 1400.0 MHz	dB	15	19	-
VSWR within 1160.0 ~ 1180.0 MHz	-	-	1.6	2.0

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

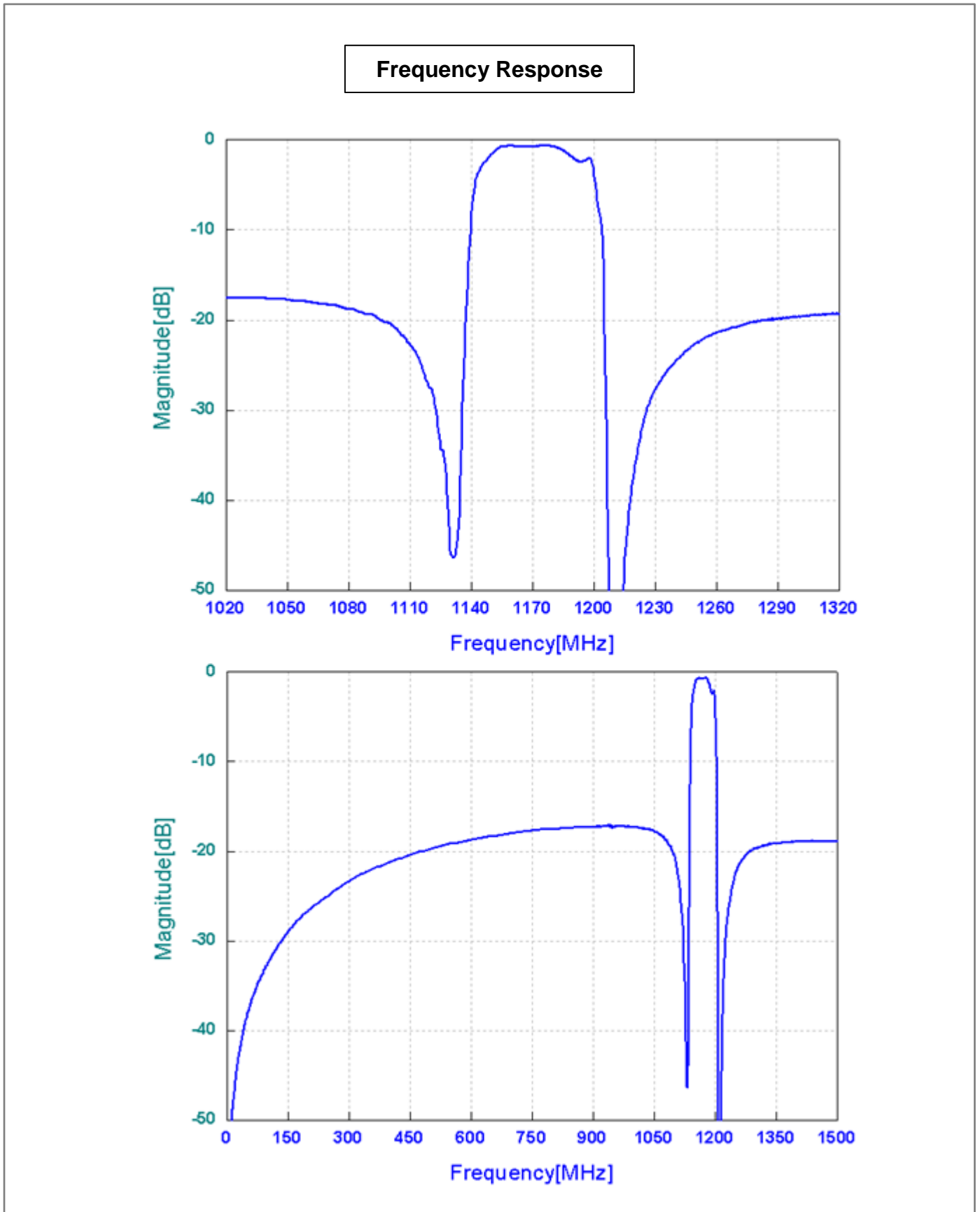
Package Dimensions



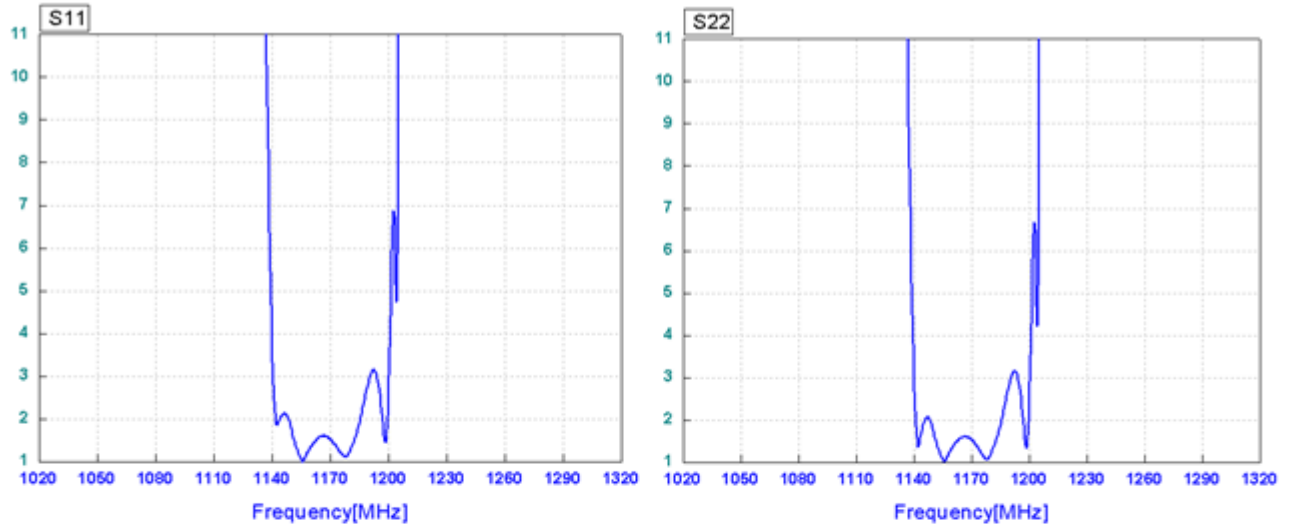
Testing Environment



Frequency Characteristics



VSWR



Smith Chart

