

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

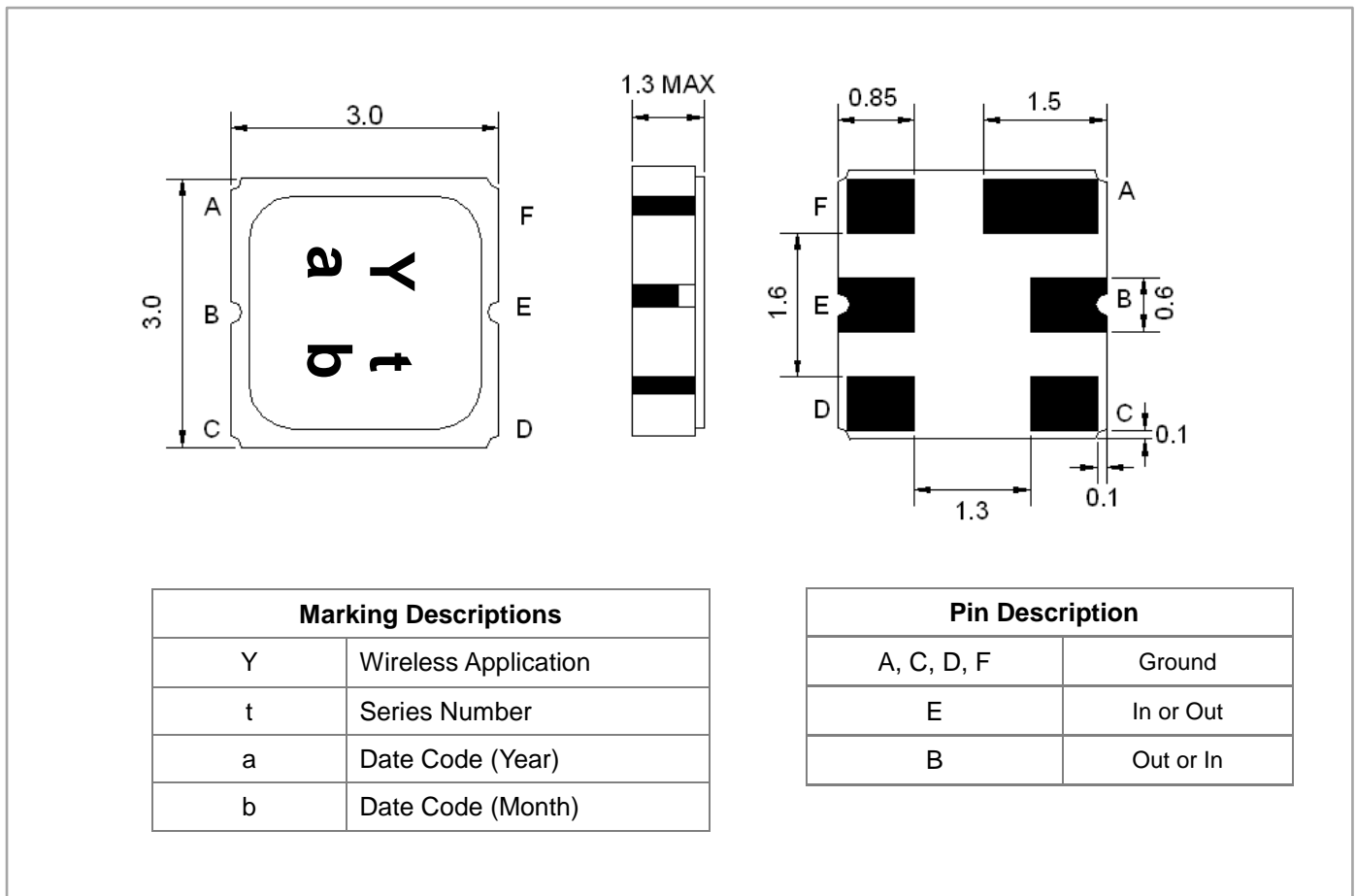
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+75
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	10
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

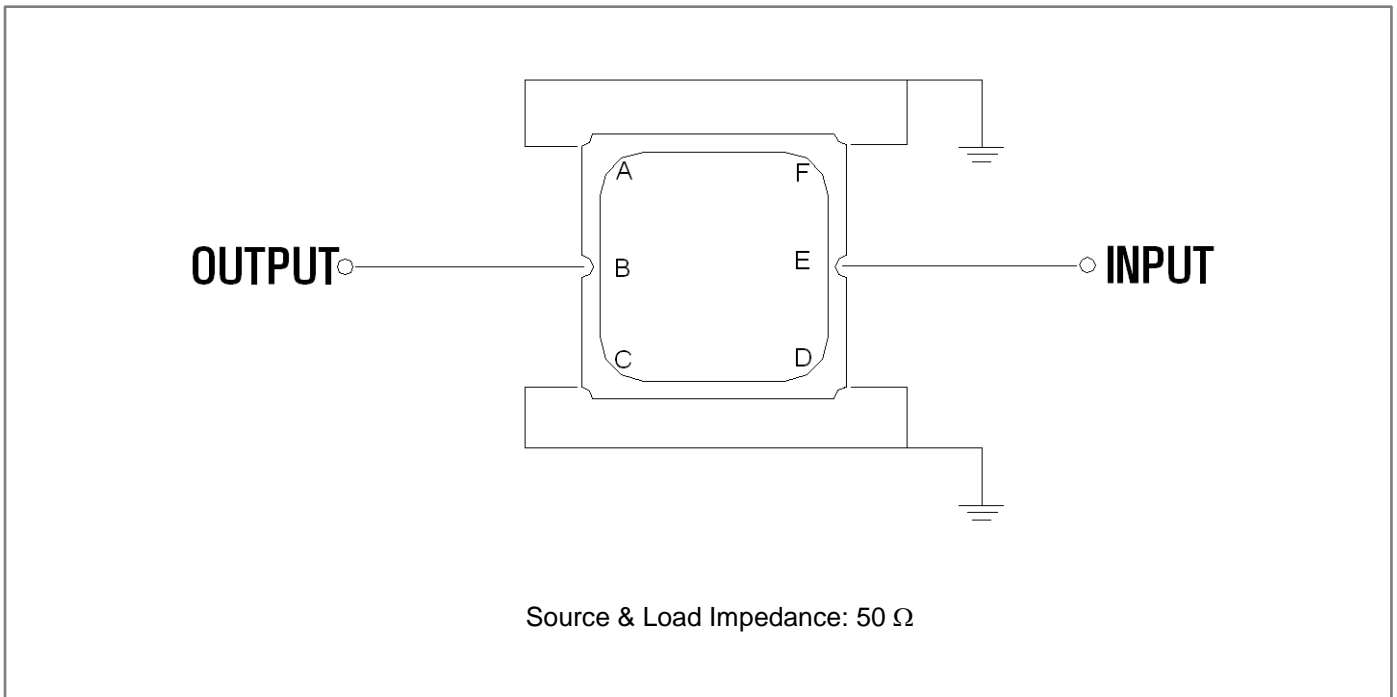
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	1227.0	-
Insertion Loss within 1217.0 ~ 1237.0 MHz	dB	-	1.0	2.0
Amplitude Ripple within 1217.0 ~ 1237.0 MHz	dB _{p-p}	-	0.4	1.0
Attenuation:				
D.C ~ 600.0 MHz	dB	17	20	-
600.0 ~ 1177.0 MHz	dB	15	18	-
1277.0 ~ 1290.0 MHz	dB	20	30	-
1290.0 ~ 3000.0 MHz	dB	15	20	-
VSWR within 1217.0~1237.0MHz	-	-	1.6	2.0

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

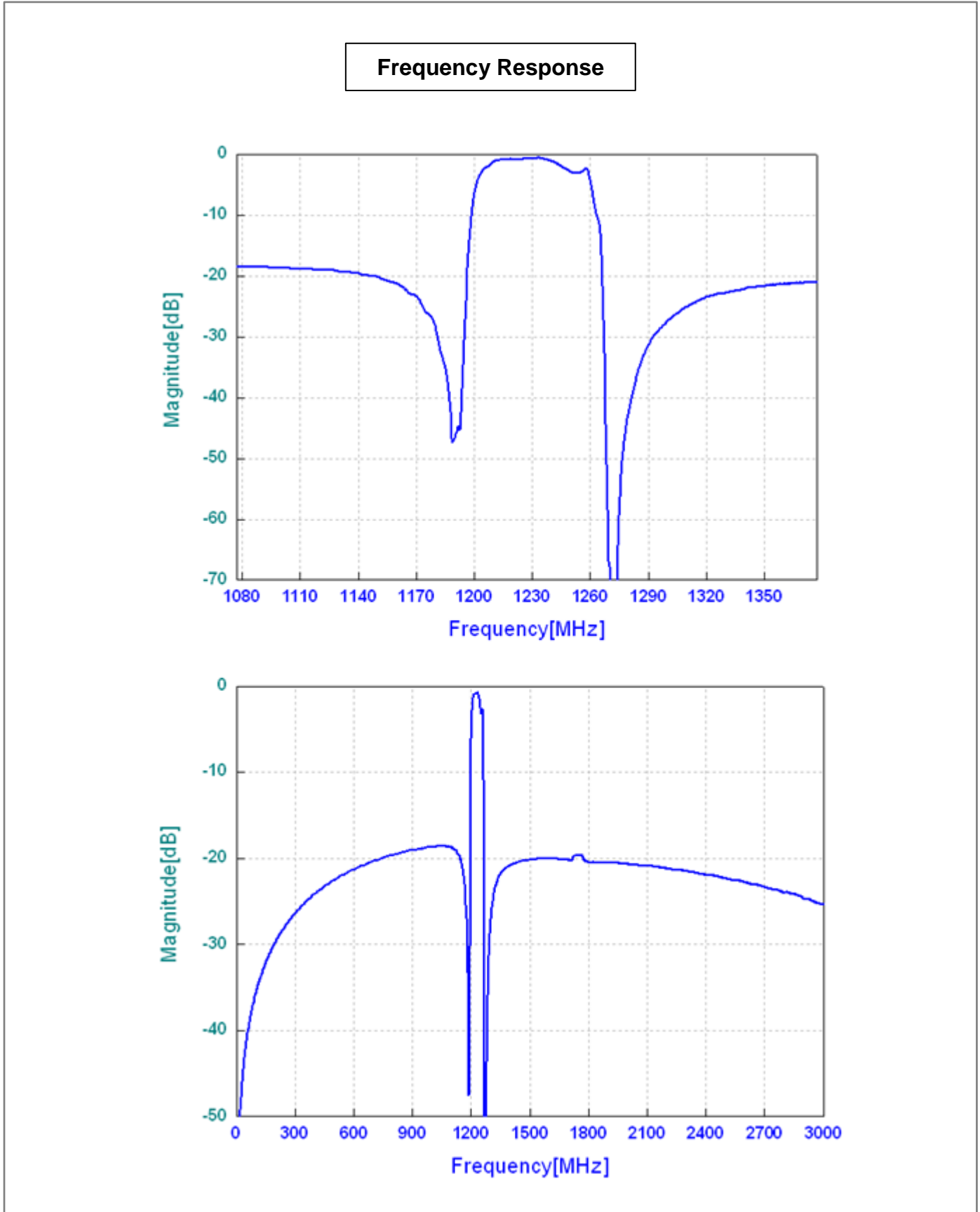
Package Dimensions



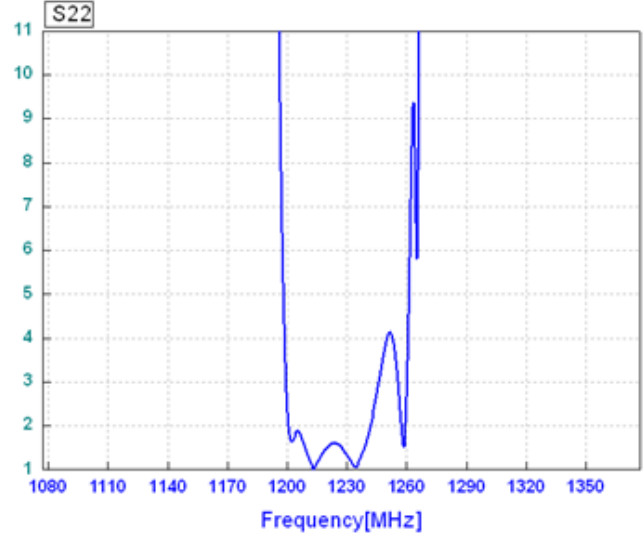
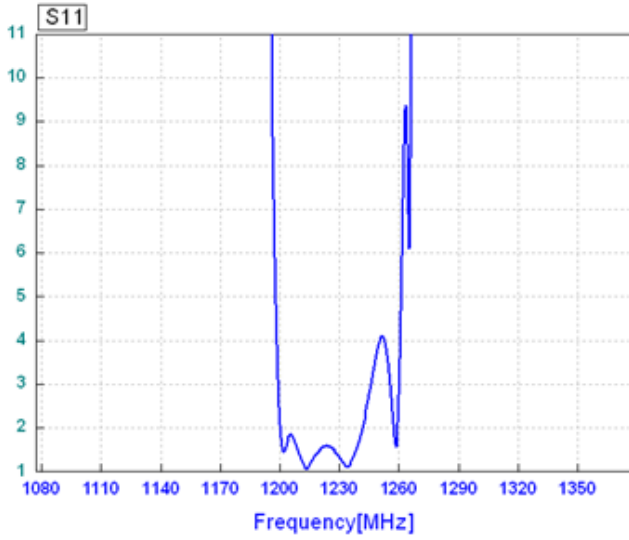
Testing Environment



Frequency Characteristics



VSWR



Smith Chart

