

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

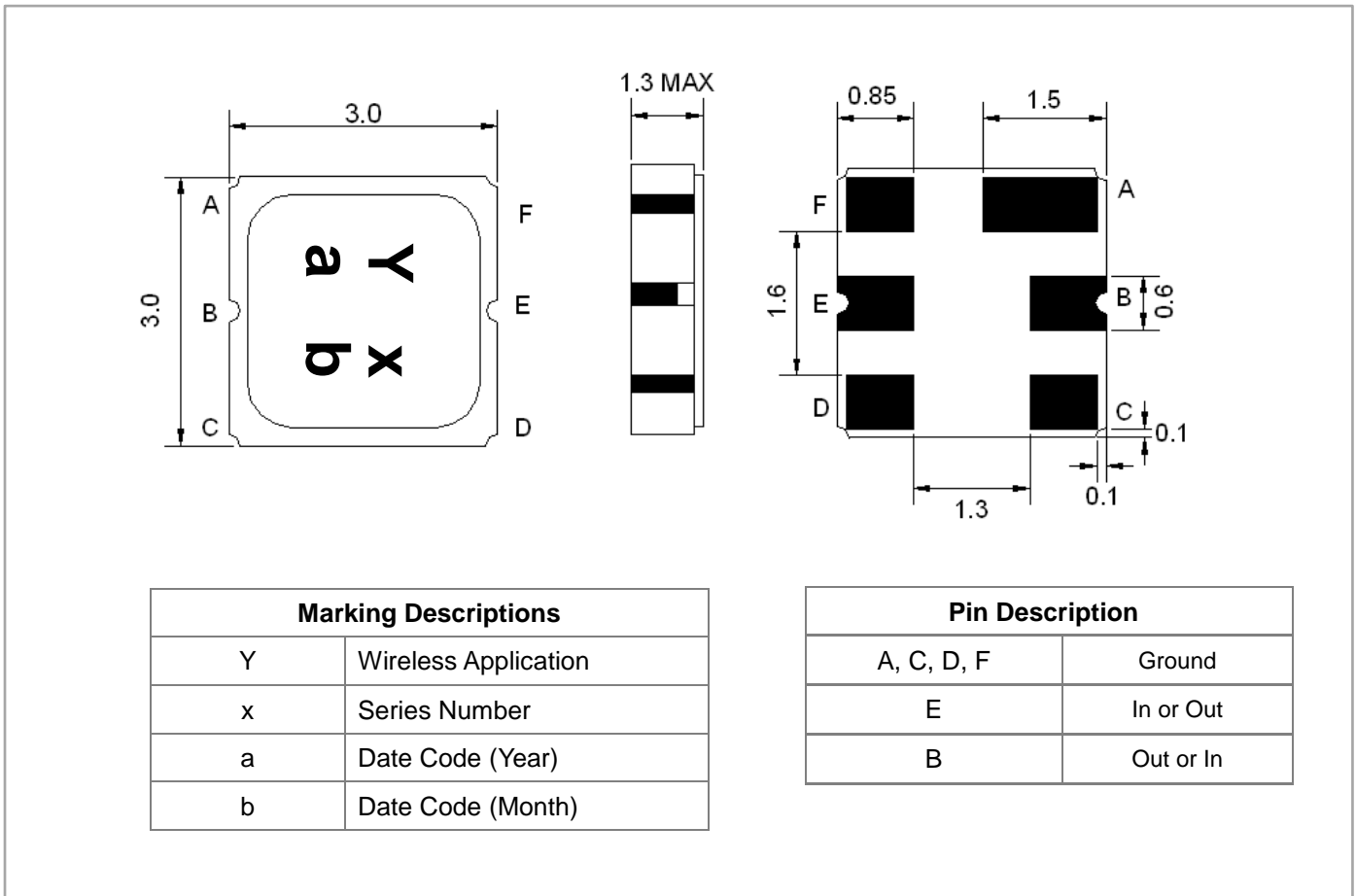
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-25	-	+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

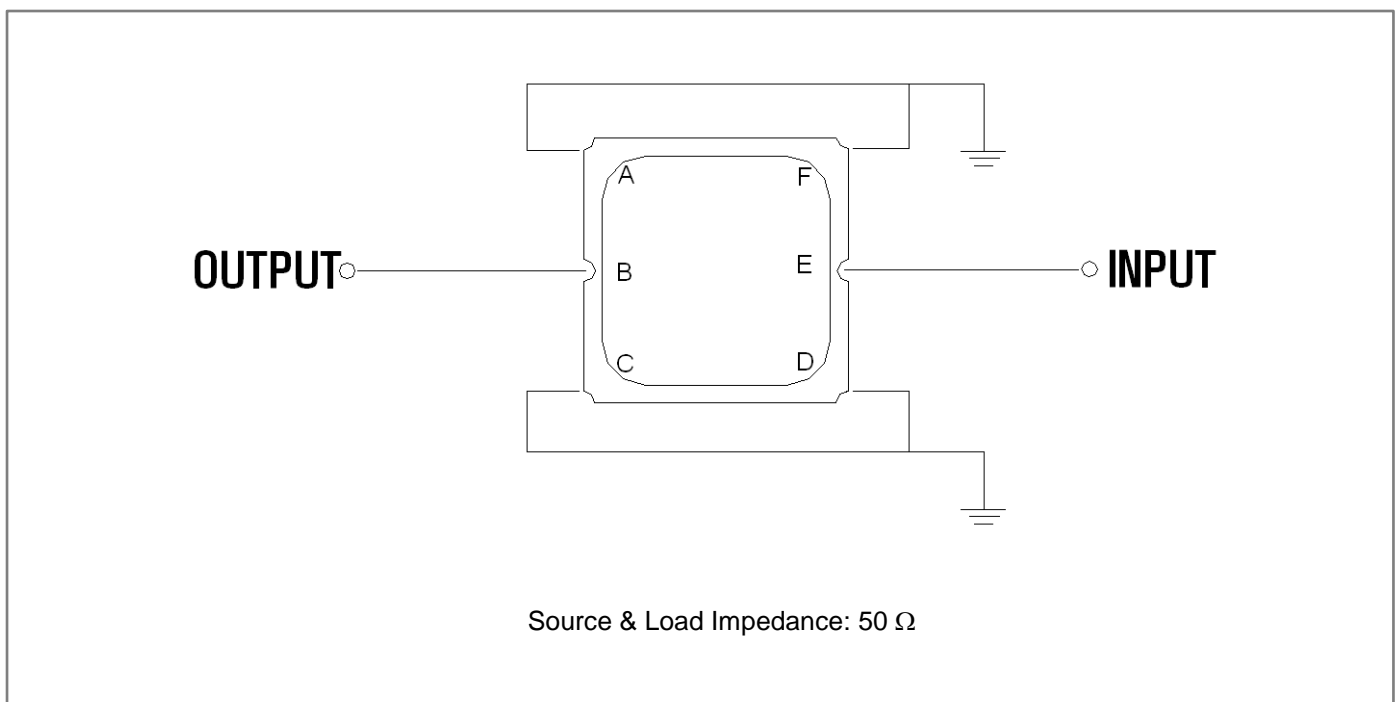
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	1013.0	-
Insertion Loss within 1003.0 ~ 1023.0 MHz	dB	-	1.0	2.0
Amplitude Ripple within 1003.0 ~ 1023.0 MHz	dB _{p-p}	-	0.4	1.0
Attenuation:				
700.0 ~ 950.0 MHz	dB	13	15	-
1100.0 ~ 1300.0 MHz	dB	14	16	-
VSWR within 1003.0 ~ 1023.0 MHz	-	-	1.8	2.2

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

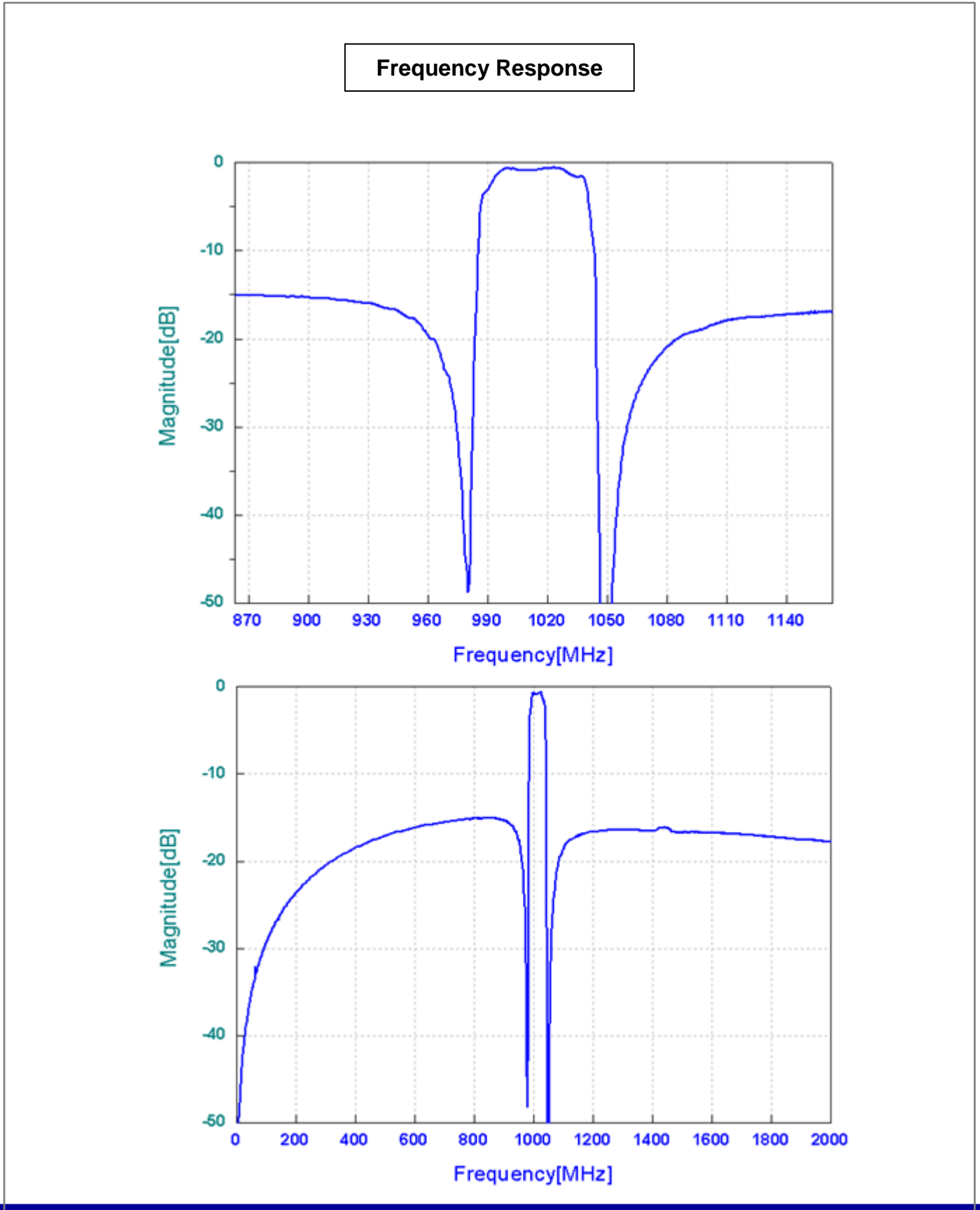
Package Dimensions



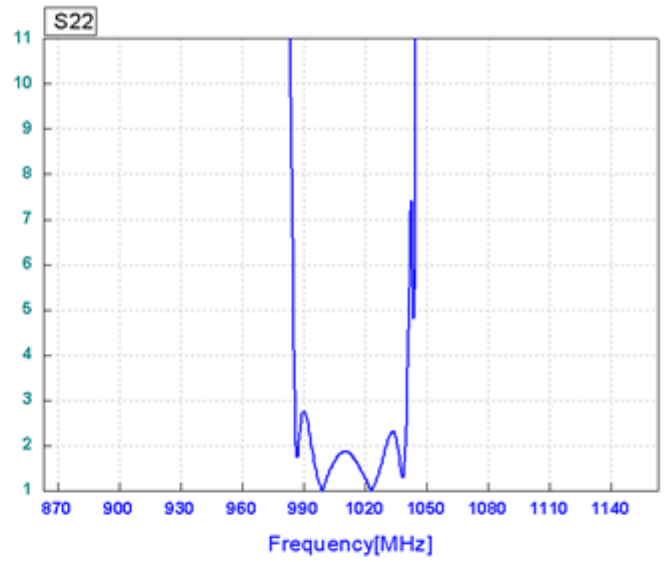
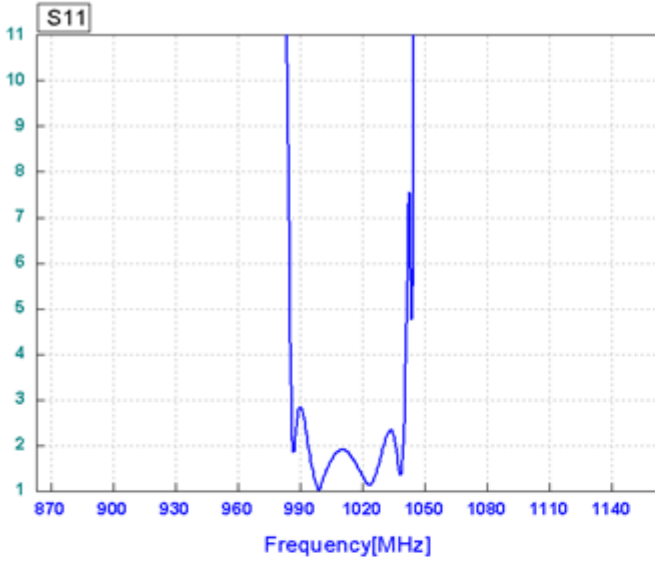
Testing Environment



Frequency Characteristics



VSWR



Smith Chart

