

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

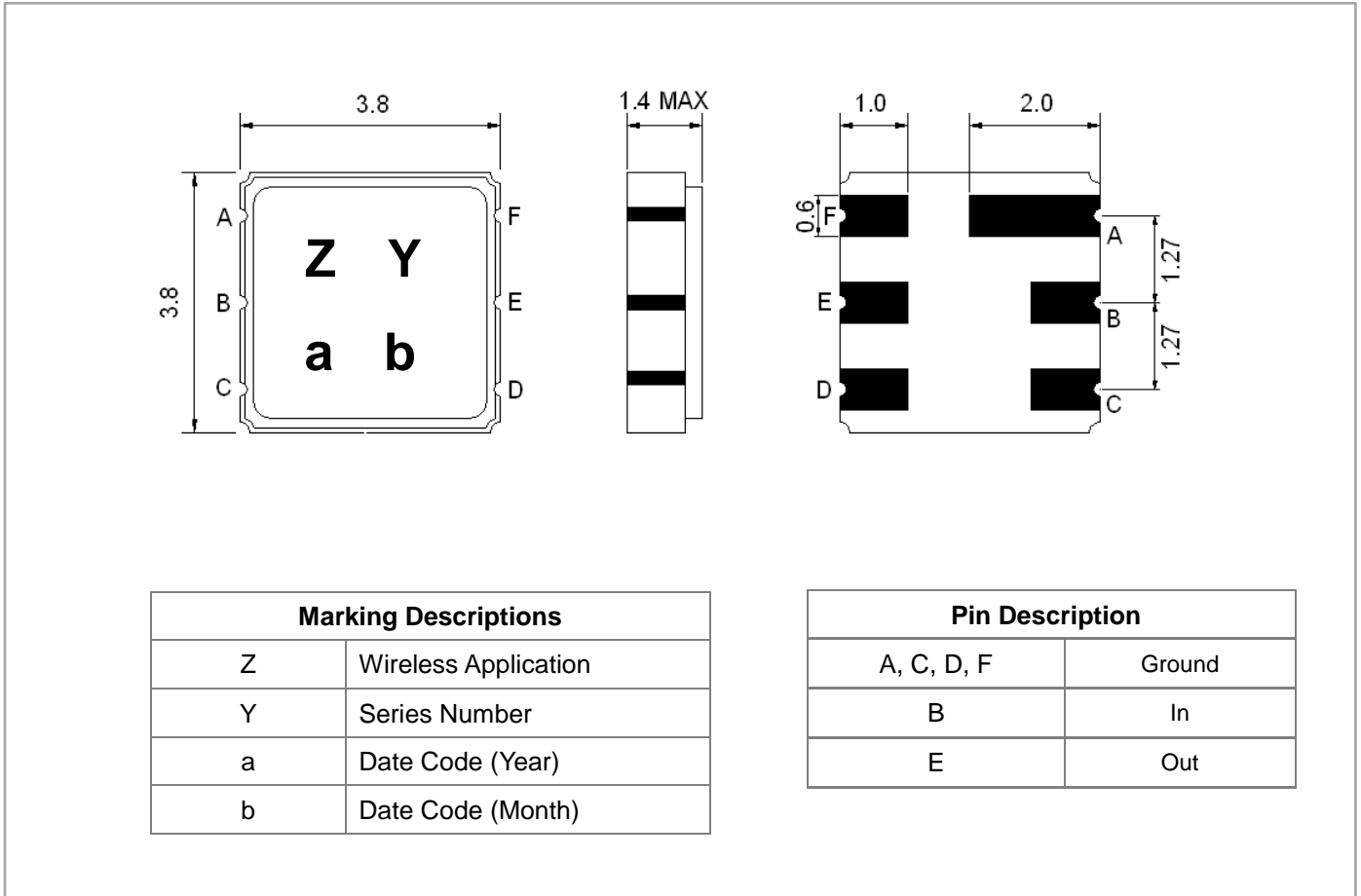
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-40	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	15
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	P			
Length x Width	mm ²	-	3.8 x 3.8	-
Height	mm	-	-	1.4

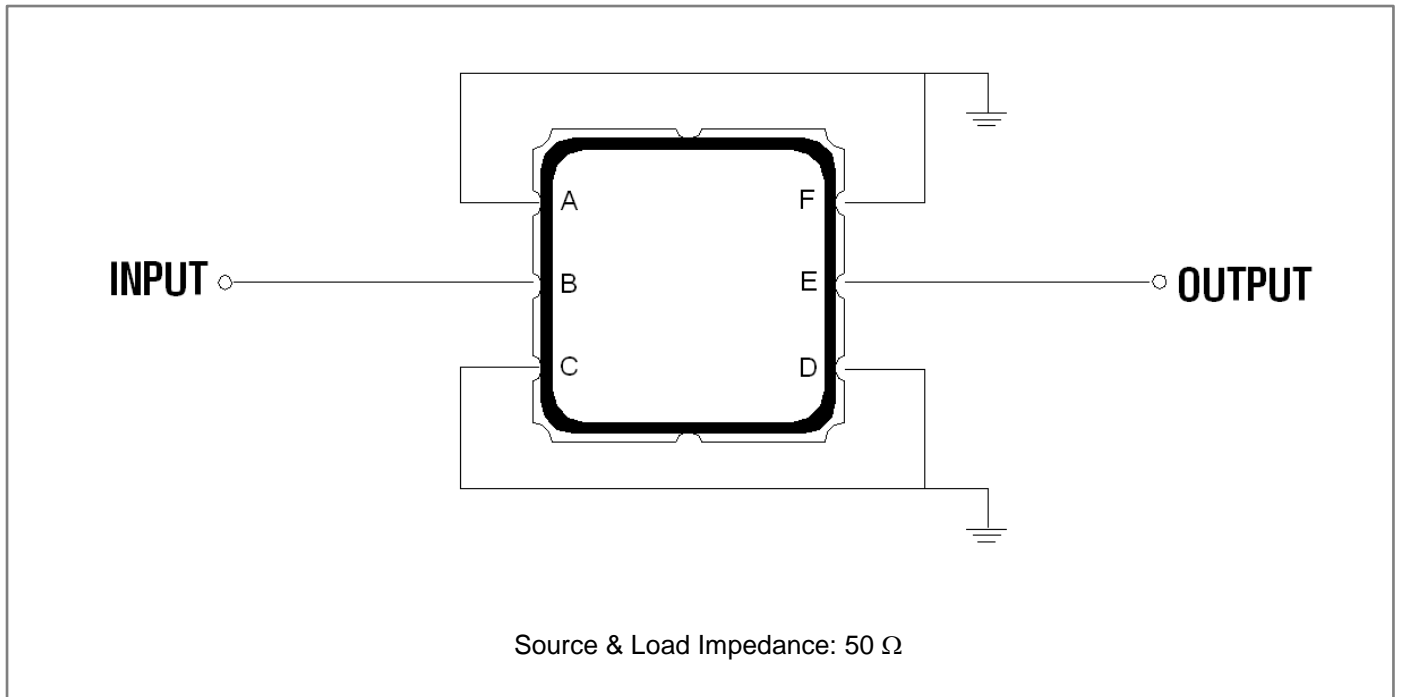
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	347.5	-
Insertion Loss within 343.0 ~ 352.0 MHz	dB	-	2.0	3.0
Amplitude Ripple within 343.0 ~ 352.0 MHz	dB _{p-p}	-	0.9	1.5
Attenuation:				
0.3 ~ 320.0 MHz	dB	40	57	-
387.9 ~ 397.1 MHz	dB	40	50	-
VSWR within 343.0 ~ 352.0 MHz	-	-	1.8	2.3

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

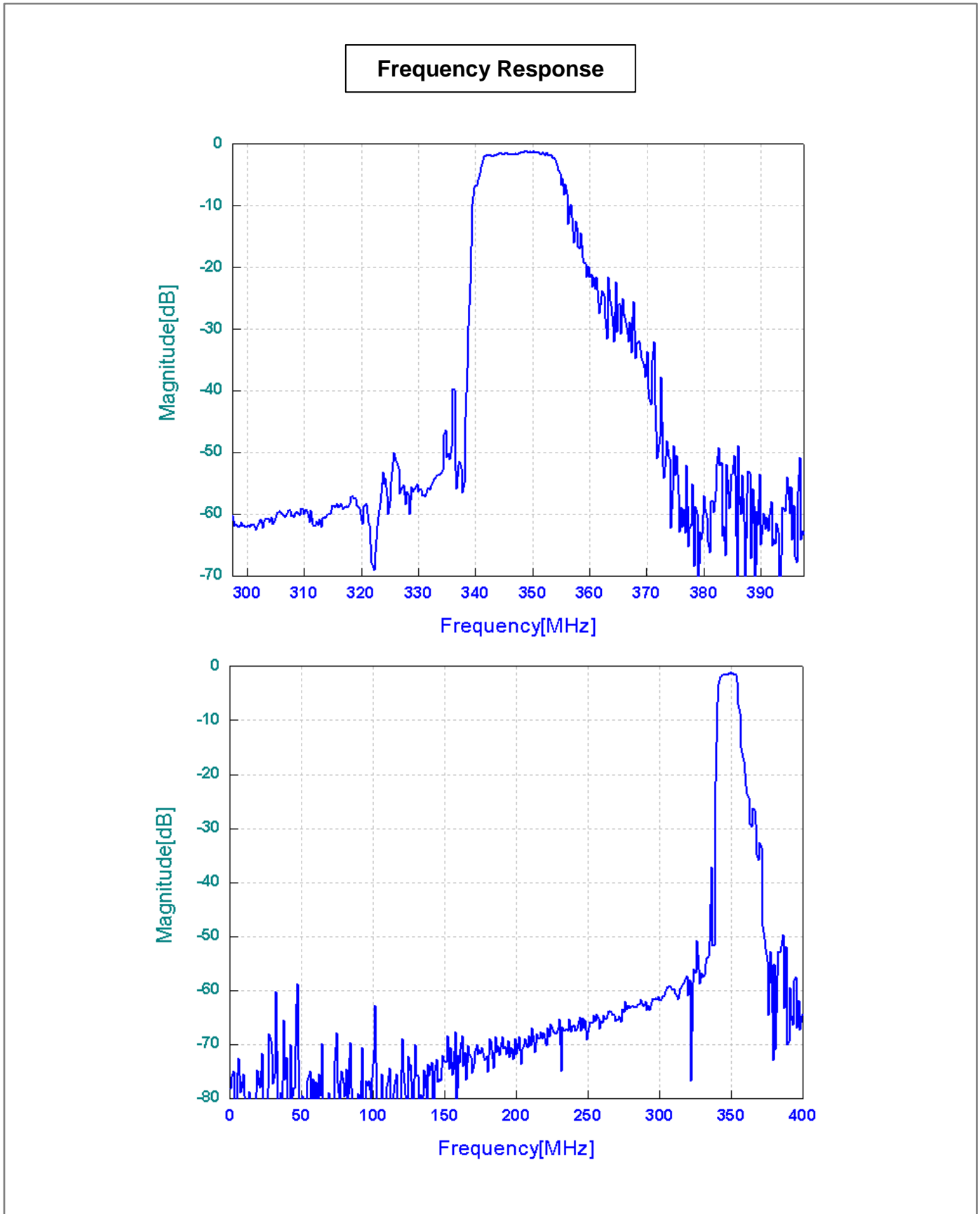
Package Dimensions



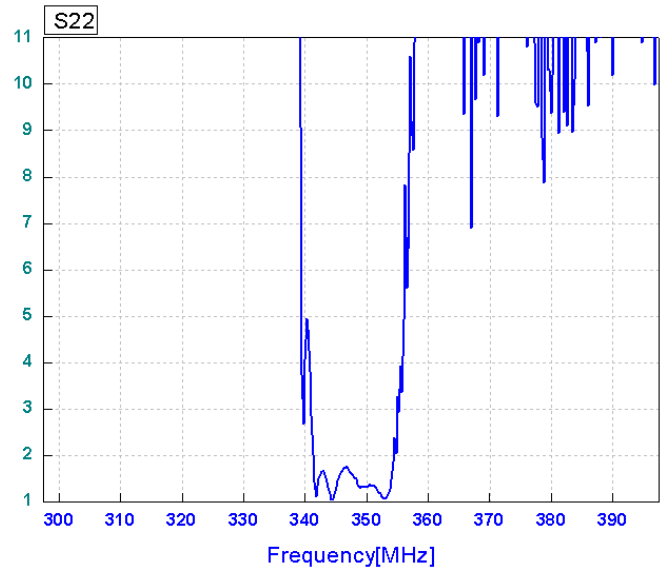
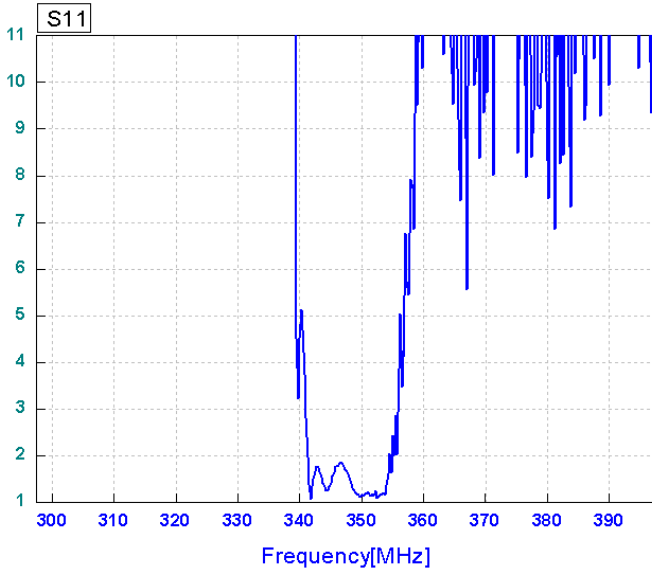
Testing Environment



Frequency Characteristics



VSWR



Smith Chart

