

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

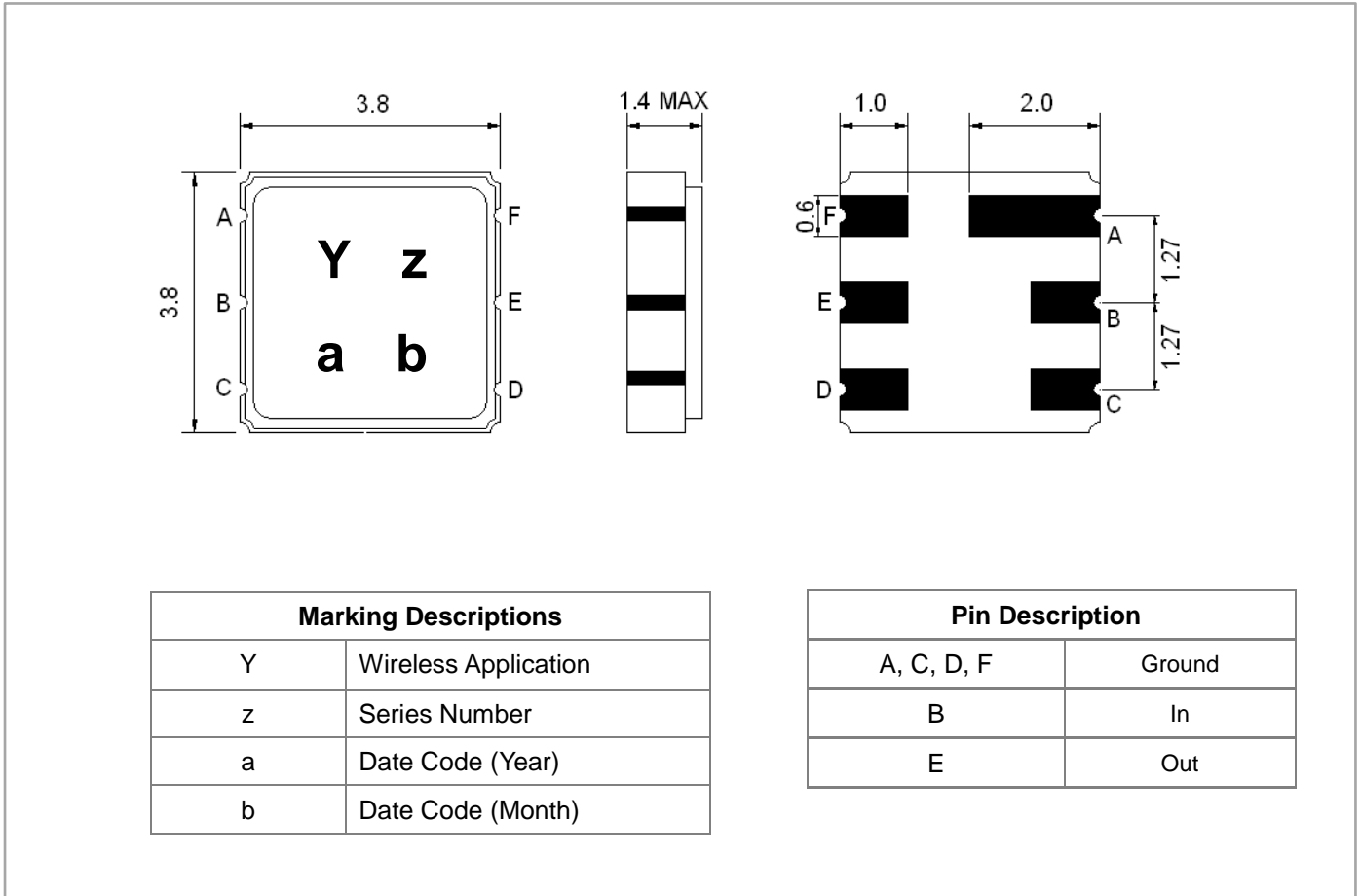
Electrical Characteristics

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

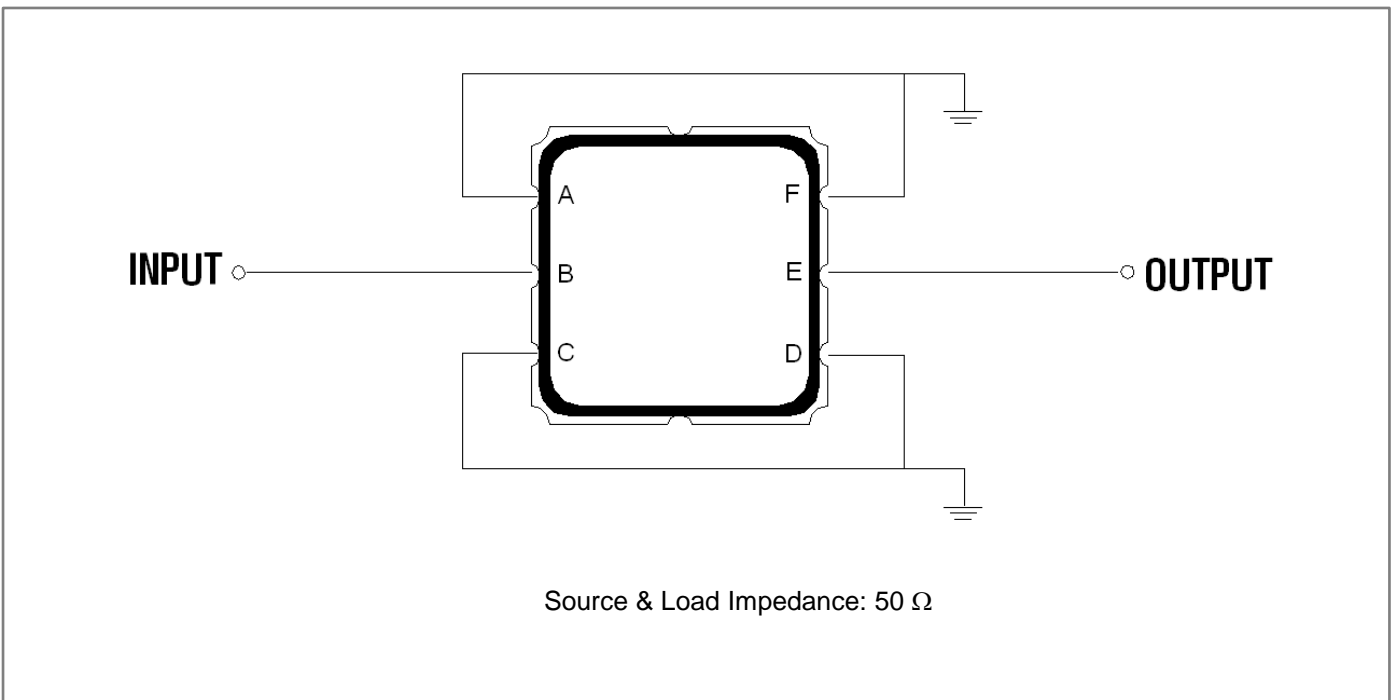
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	500.0	-
Insertion Loss within 490.0 ~ 510.0 MHz	dB	-	2.2	4.0
Amplitude Ripple within 490.0 ~ 510.0 MHz	dB	-	0.7	2.0
Attenuation:				
400.0~450.0 MHz	dB	40	45	-
535.0~555.0 MHz	dB	15	22	-
580.0~600.0 MHz	dB	35	43	-
Return Loss within 490.0 ~ 510.0 MHz	dB	10	17	-

Notes : (1) No Matching Network

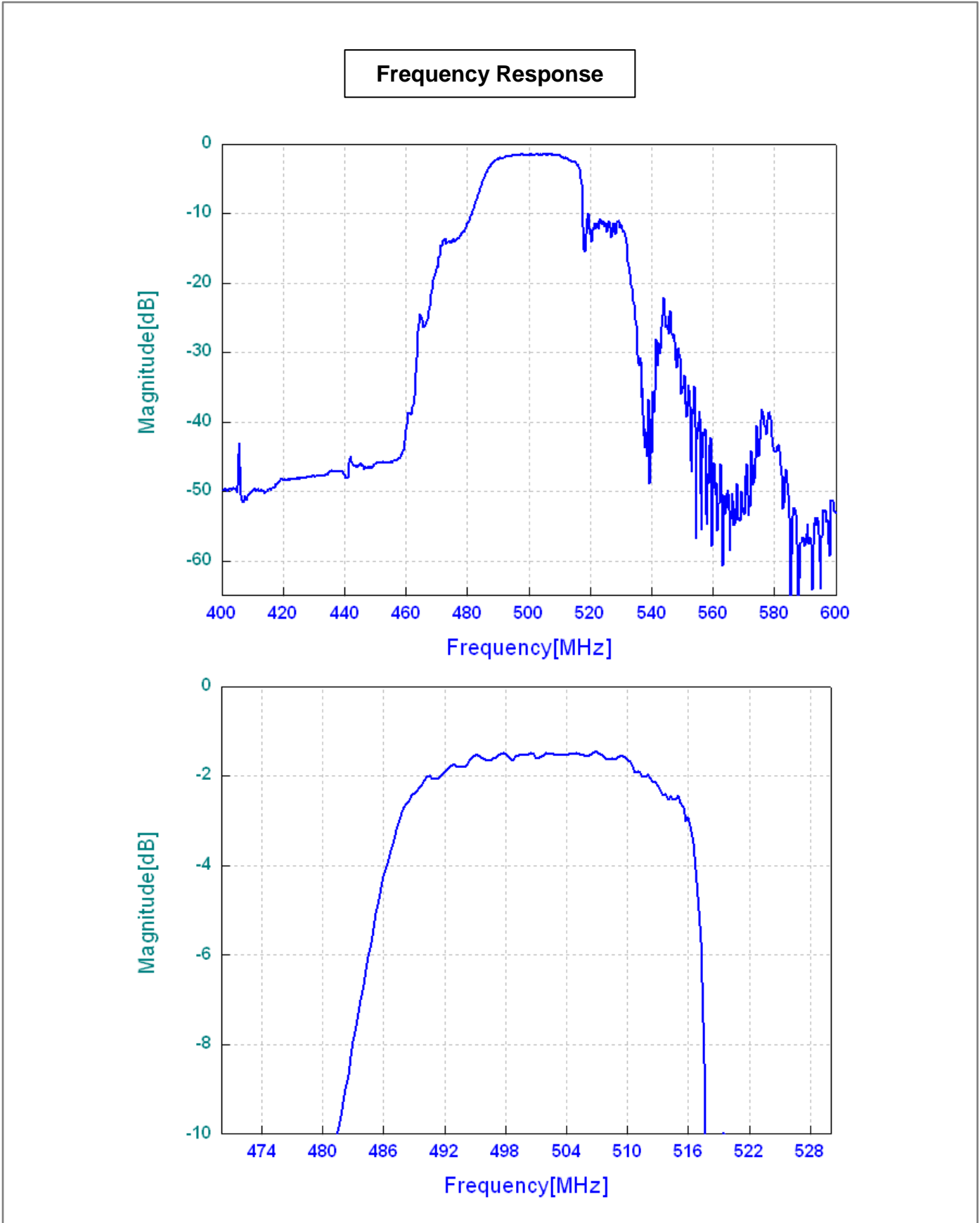
Package Dimensions



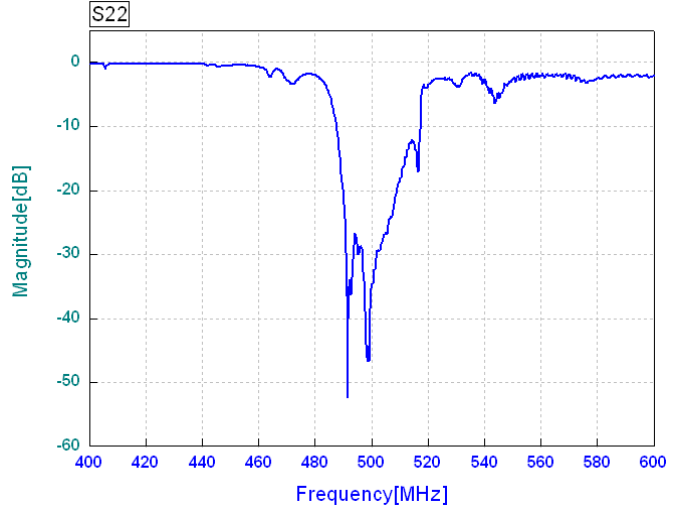
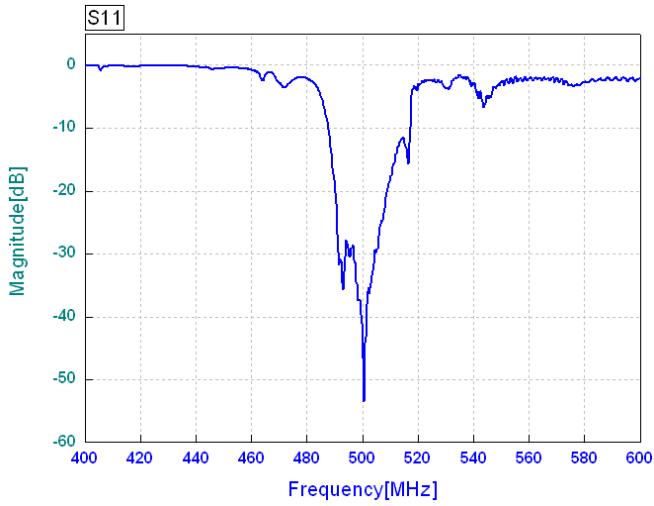
Testing Environment



Frequency Characteristics



Return Loss



Smith Chart

