

- RF Band Pass SAW Filter
- Revision 0: November 2006

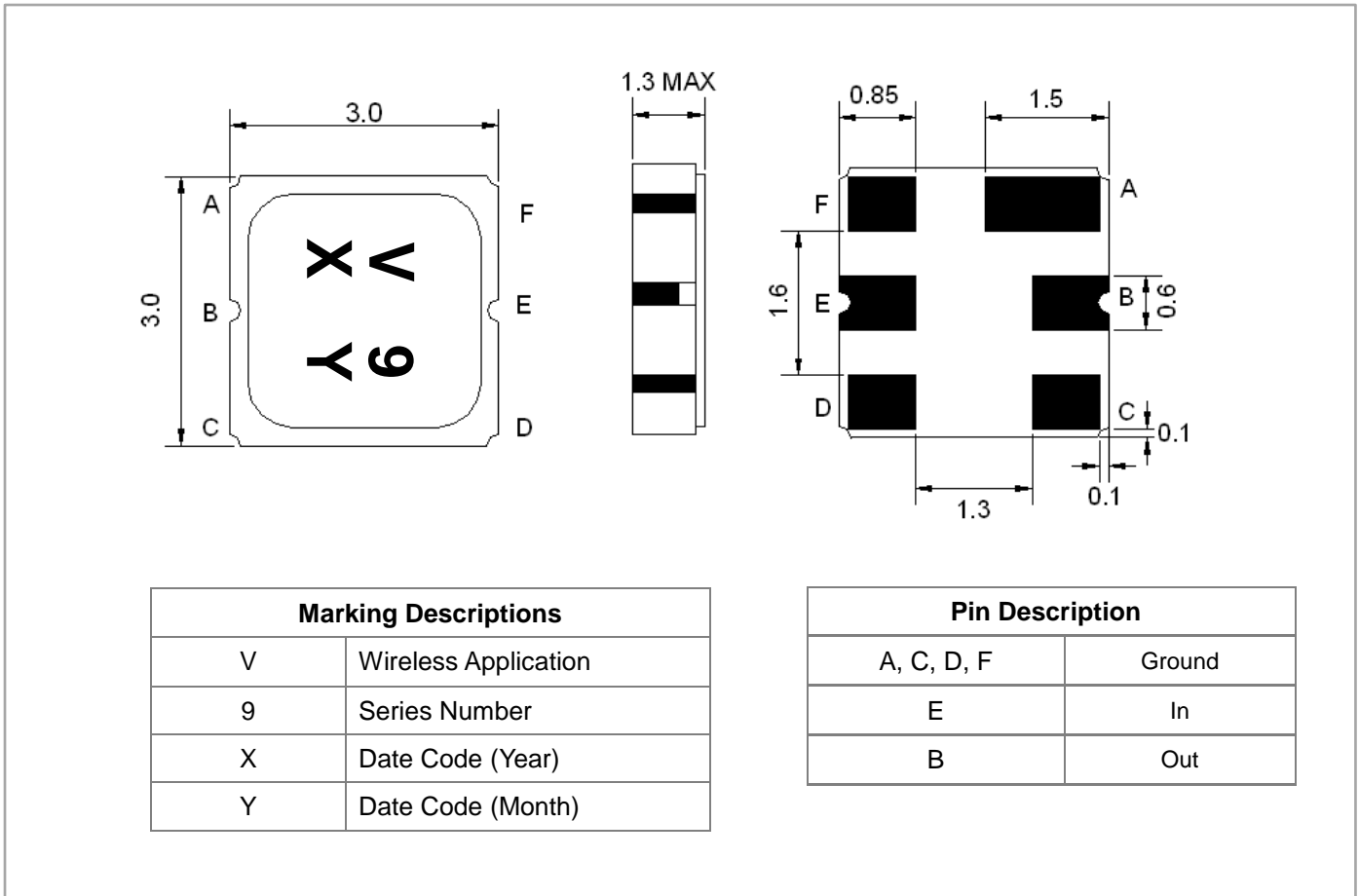
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-40	-	+65
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	5
Maximum Input Power	dBm	-	-	15
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

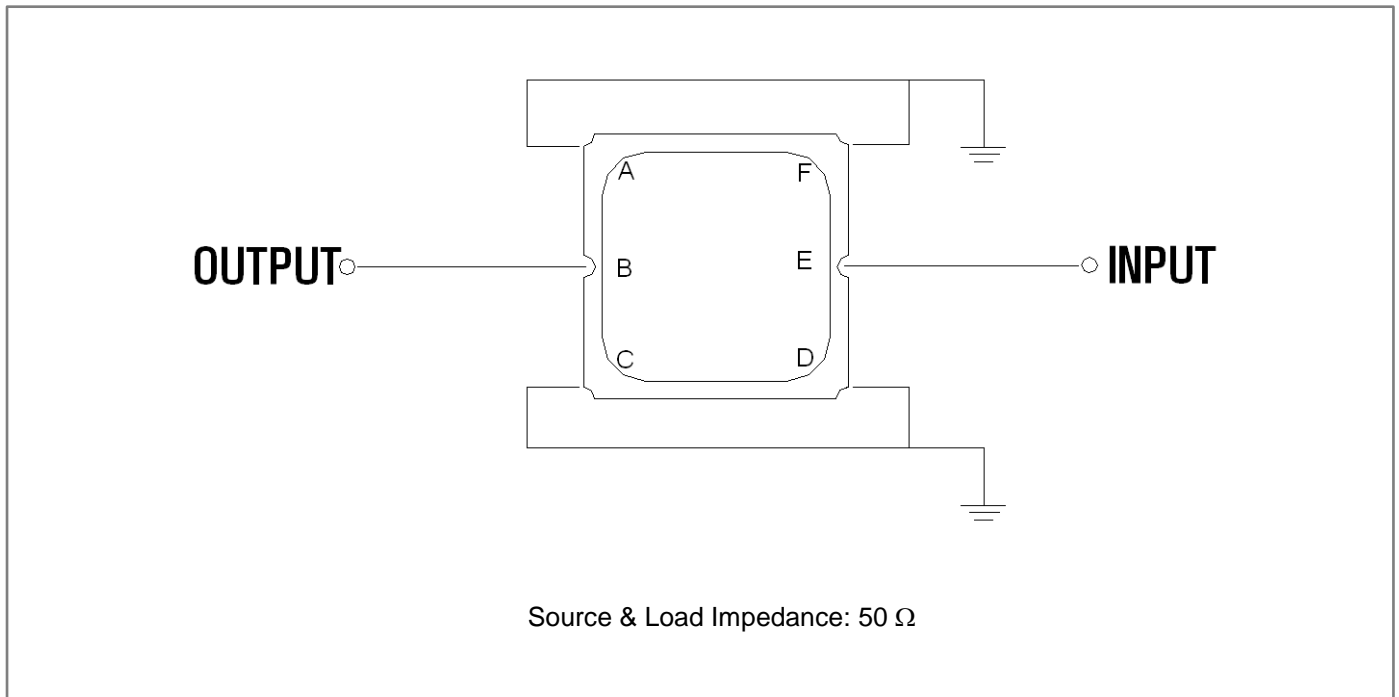
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	1215.0	-
Insertion Loss within 1210.0 ~ 1220.0 MHz	dB	-	2.7	4.0
Amplitude Ripple within 1210.0 ~ 1220.0 MHz	dB _{p-p}	-	0.4	1.5
Attenuation:				
1135.0 ~ 1175.0 MHz	dB	40	48	-
1320.0 ~ 1360.0 MHz	dB	40	55	-
VSWR within 1210.0 ~ 1220.0 MHz	-	-	1.3	2.0

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

Package Dimensions

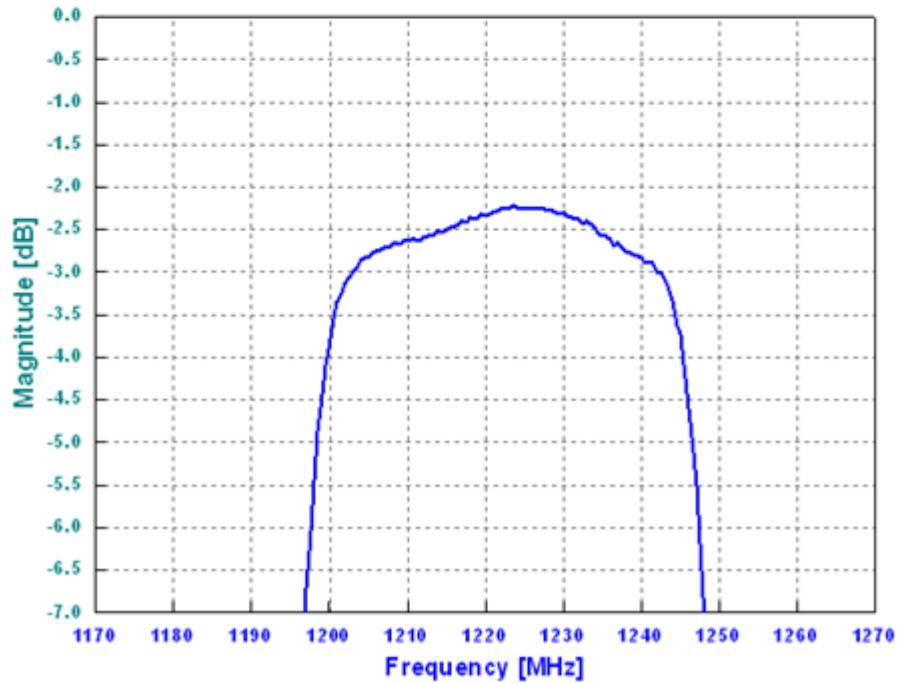
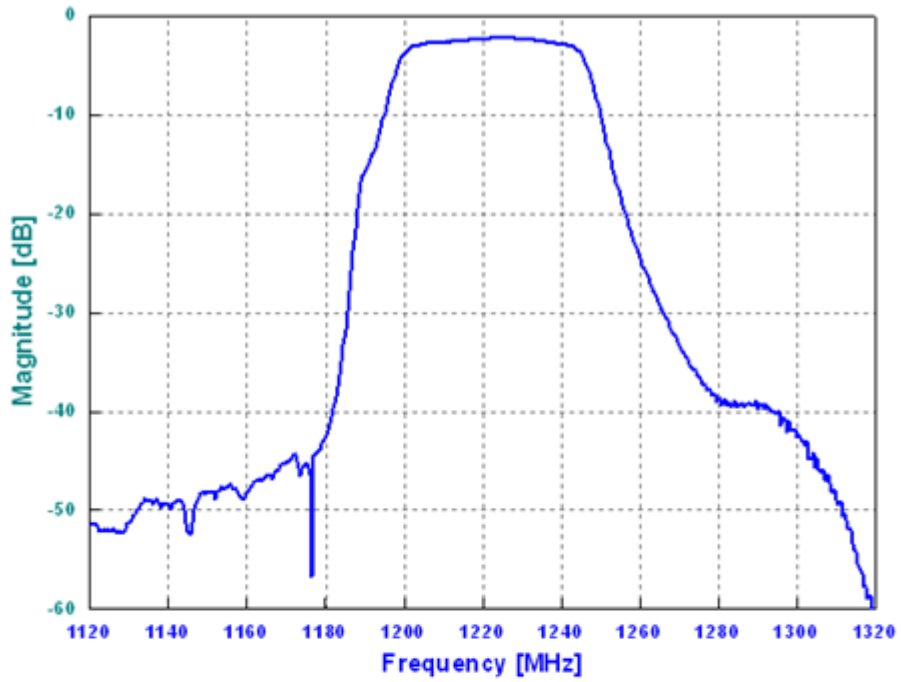


Testing Environment

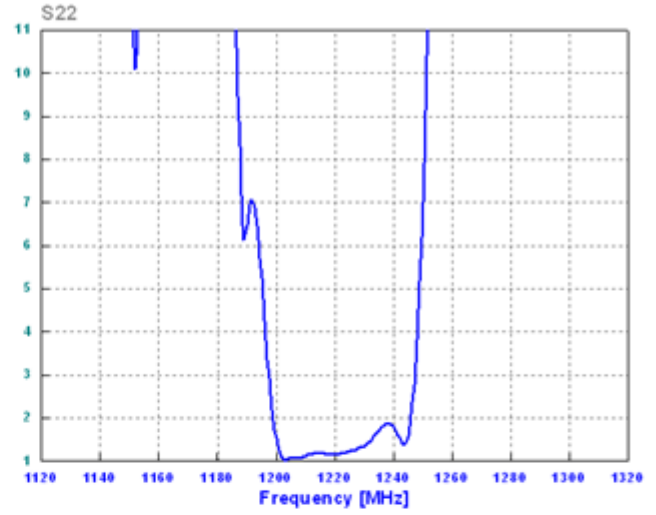
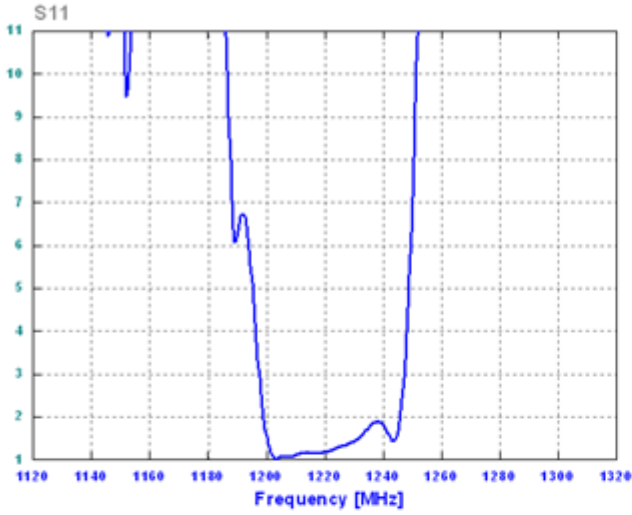


Frequency Characteristics

Frequency Response



VSWR



Smith Chart

