

- RF Band Pass SAW Filter
- Revision 0: March 2008

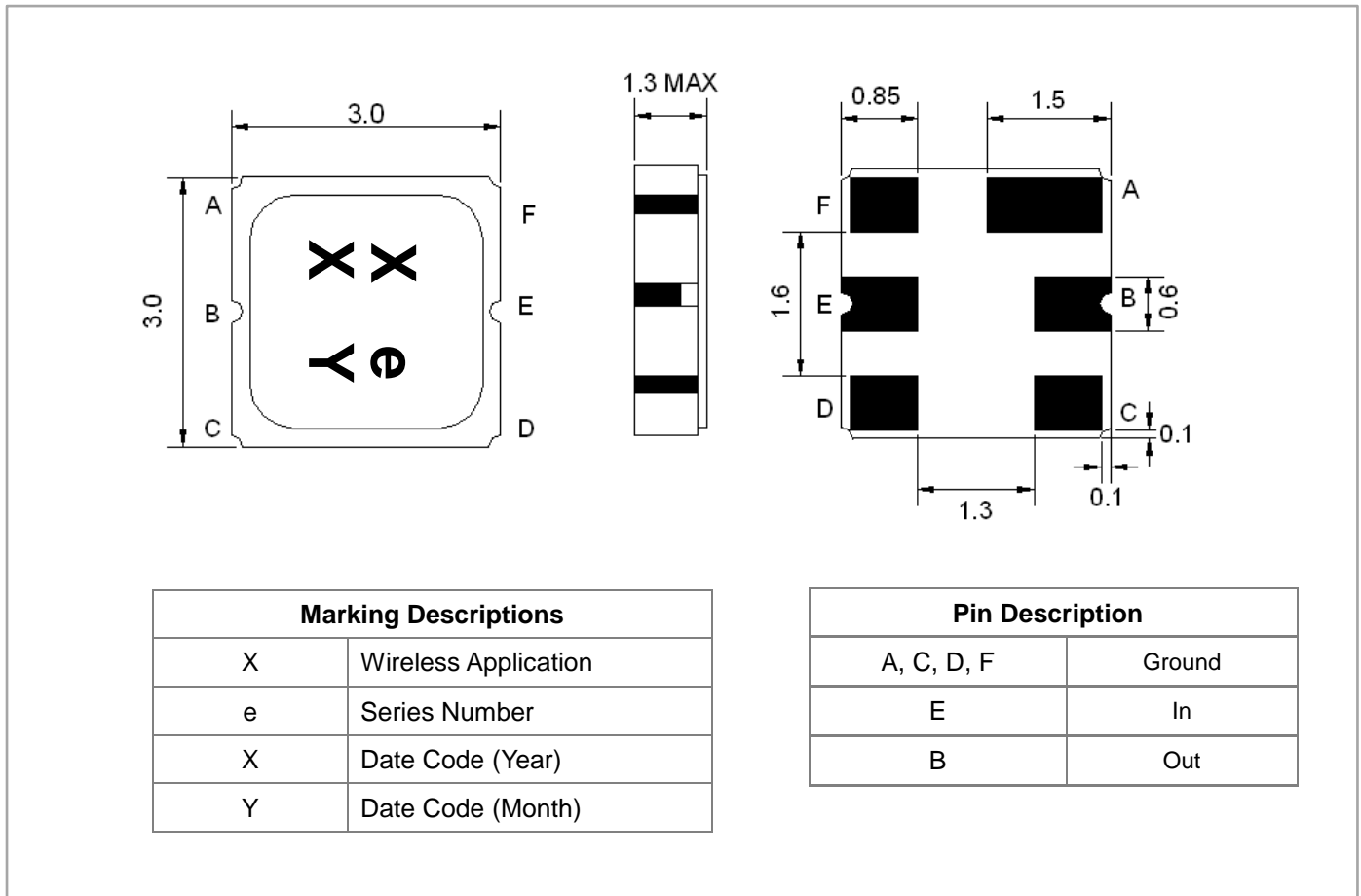
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-32	-	+85
Storage Temperature Range	°C	-50	-	+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

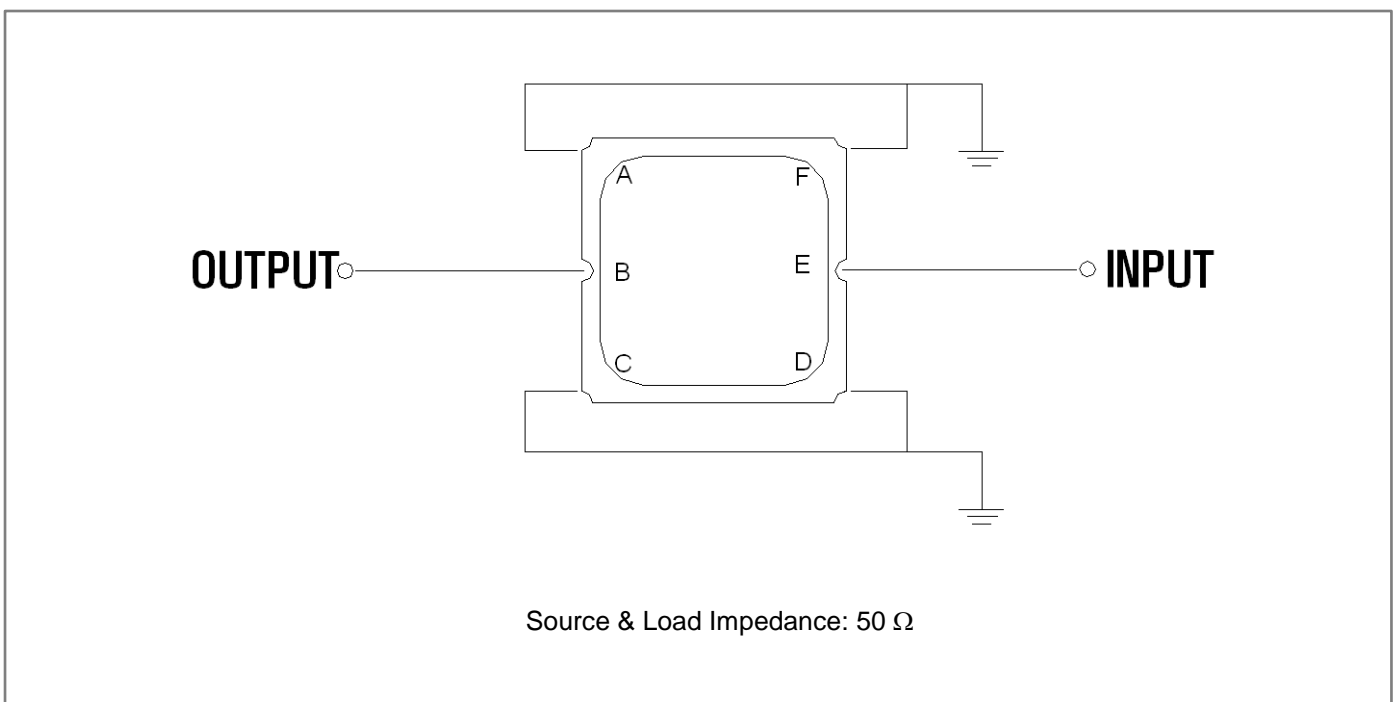
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	1000.0	-
Insertion Loss within 997.5 ~ 1002.5 MHz	dB	-	2.0	3.5
Amplitude Ripple within 997.5 ~ 1002.5 MHz	dB _{p-p}	-	0.3	1.5
Attenuation:				
875.0 ~ 950.0 MHz	dB	40	50	-
1080.0 ~ 1125.0 MHz	dB	45	55	-
VSWR within 997.5 ~ 1002.5 MHz	-	-	1.5	2.0

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

Package Dimensions

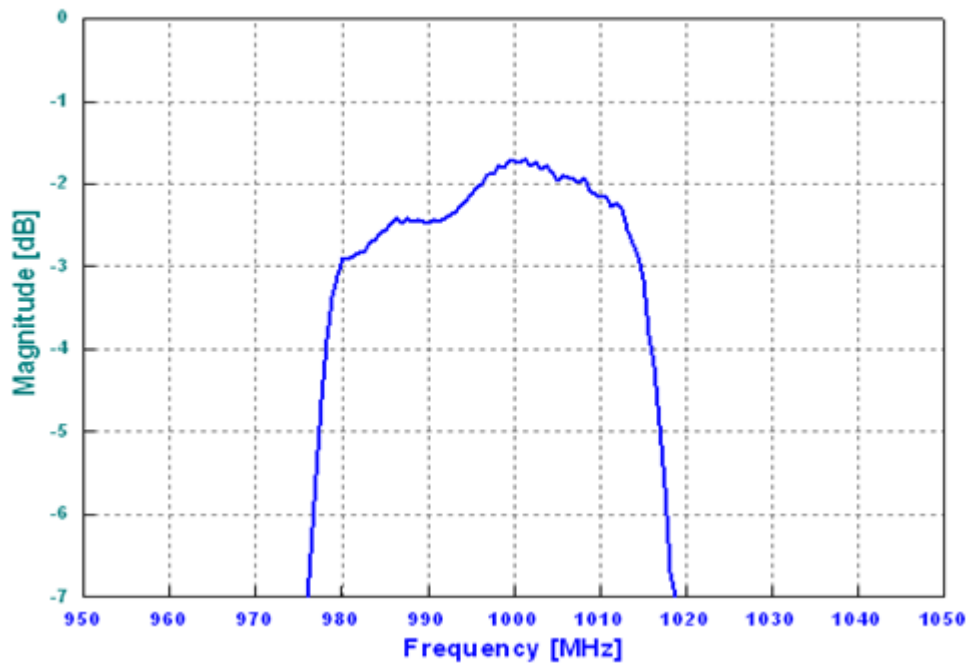
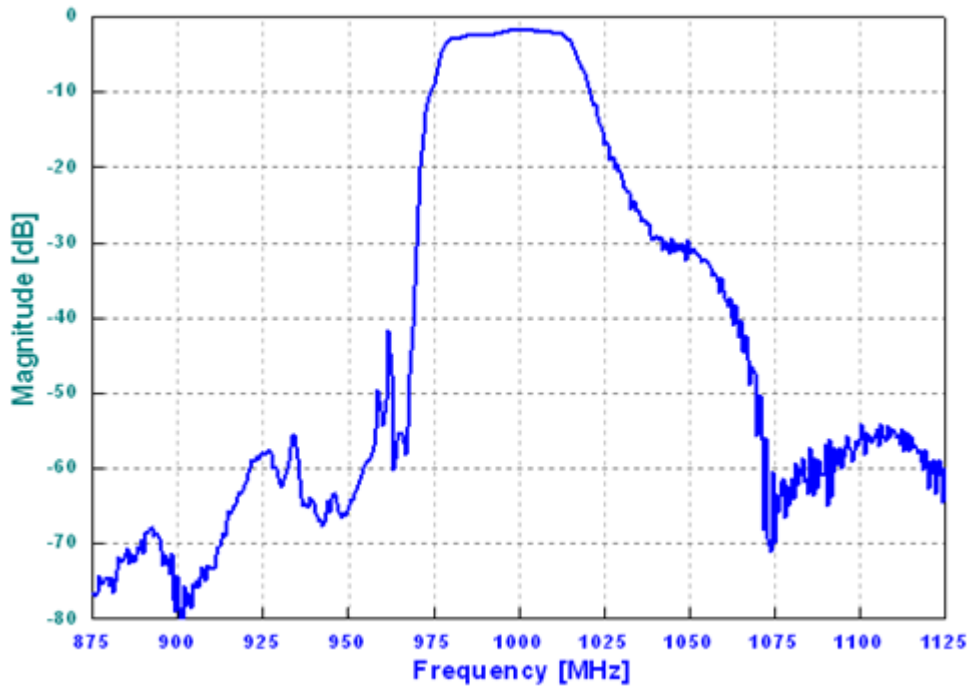


Testing Environment

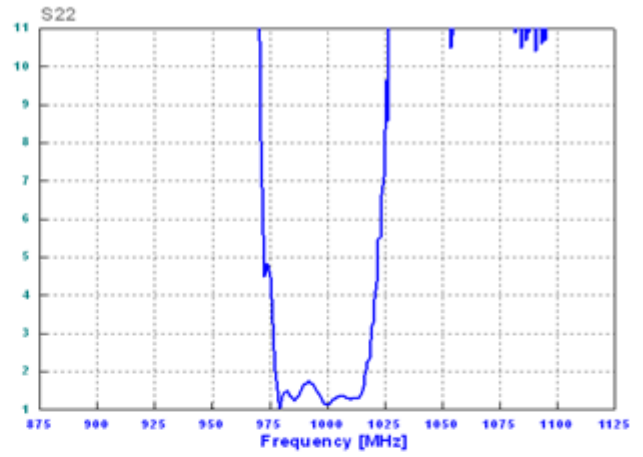
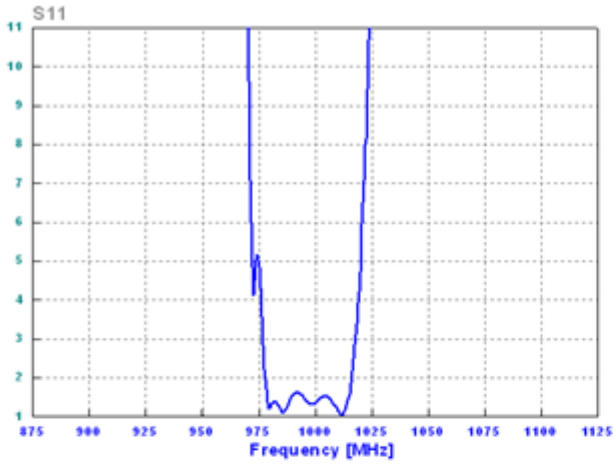


Frequency Characteristics

Frequency Response



VSWR



Smith Chart

