

- RF Band Pass SAW Filter
- Revision 0: February 2007

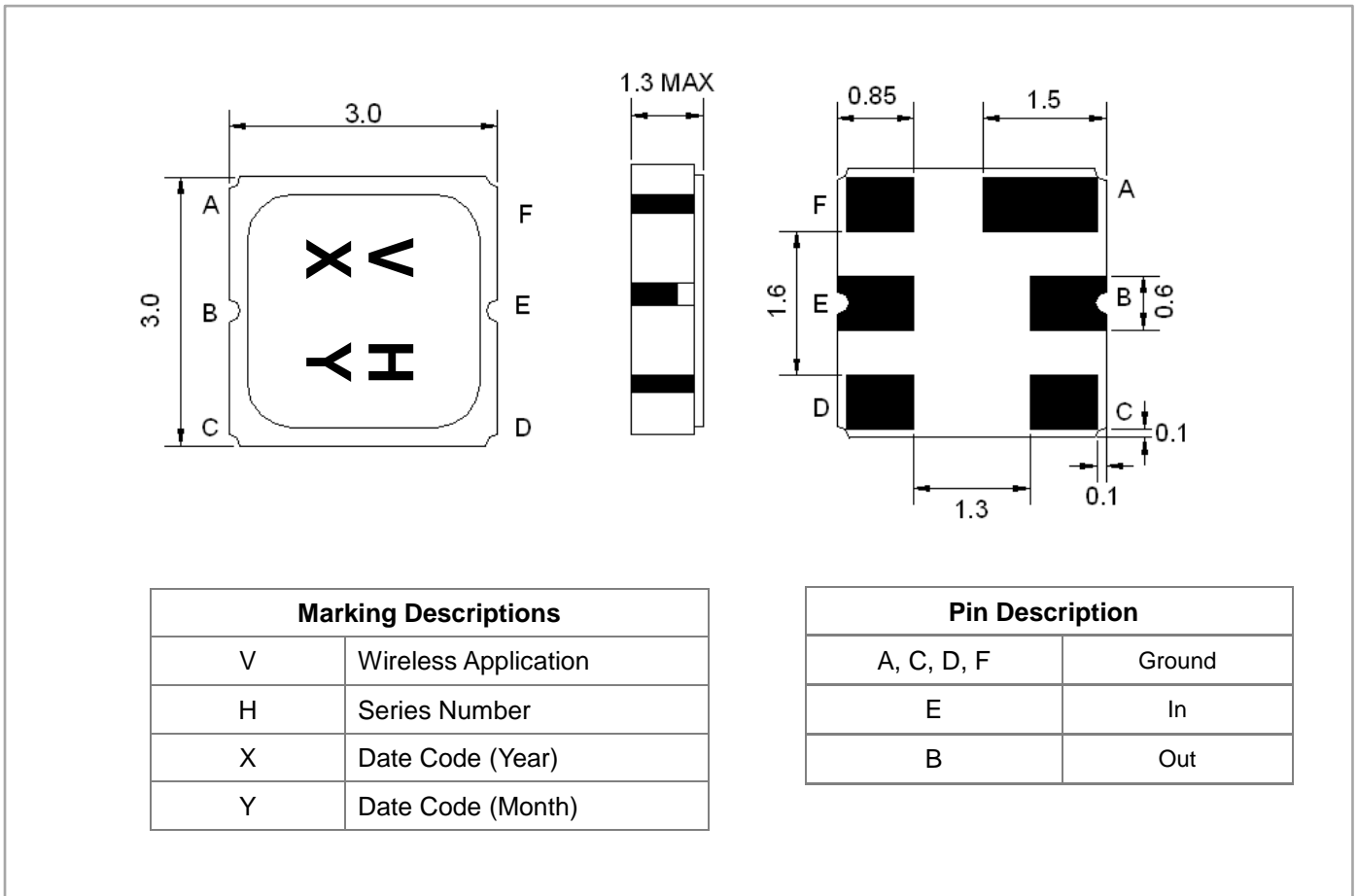
## Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-10	-	+60
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	5
Maximum Input Power	dBm	-	-	15
Source Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Load Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Package type & size	M			
Length x Width	mm <sup>2</sup>	-	3.0 x 3.0	-
Height	mm	-	-	1.3

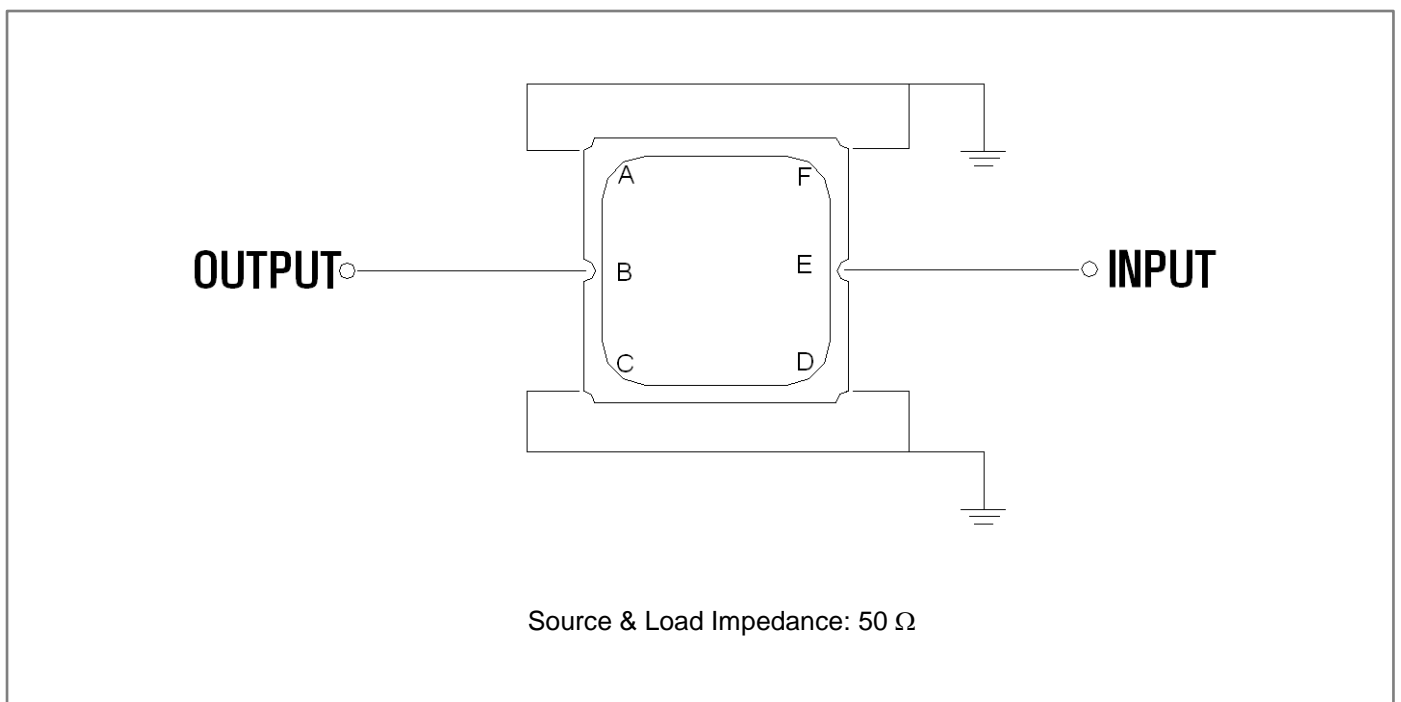
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	953.0	-
Insertion Loss within 952.0 ~ 954.0 MHz	dB	-	3.9	5.0
Amplitude Ripple within 952.0 ~ 954.0 MHz	dB <sub>p-p</sub>	-	0.5	1.5
<b>Attenuation:</b>				
0.3 ~ 873.0 MHz	dB	50	55	-
873.0 ~ 936.0 MHz	dB	43	47	-
936.0 ~ 945.0 MHz	dB	10	35	-
1000.0 ~ 1500.0 MHz	dB	30	40	-
1500.0 ~ 2000.0 MHz	dB	35	42	-
VSWR within 952.0 ~ 954.0 MHz	-	-	1.4	2.0

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

## Package Dimensions

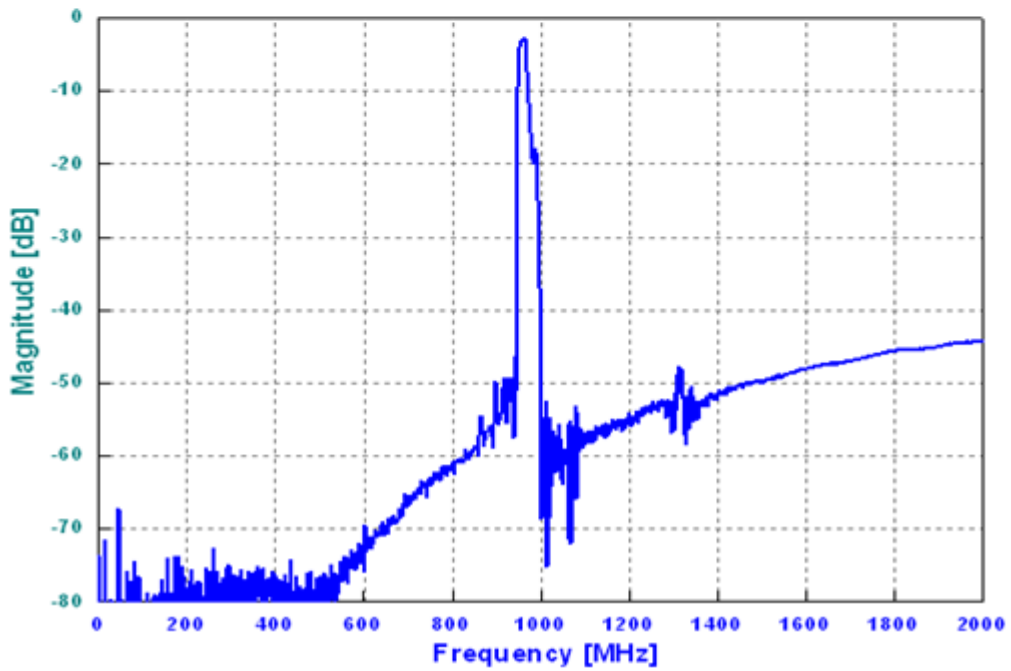
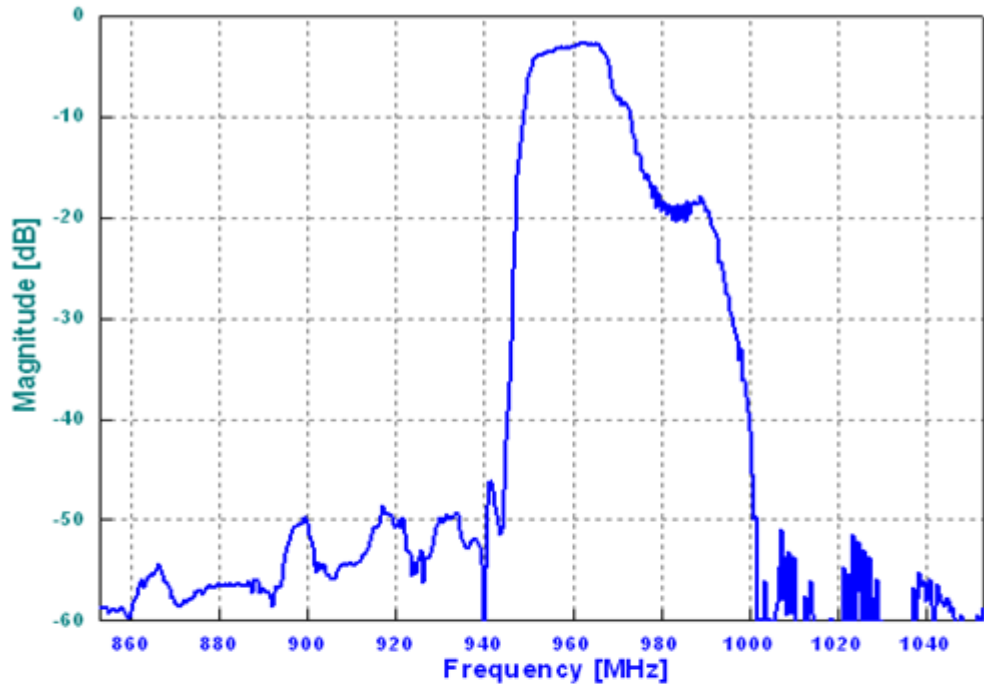


## Testing Environment

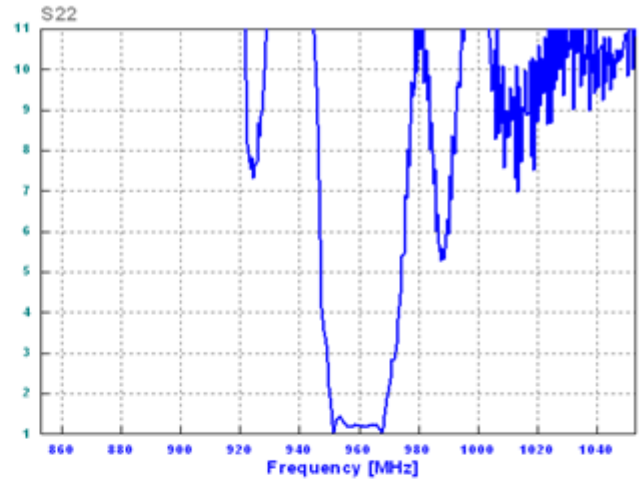
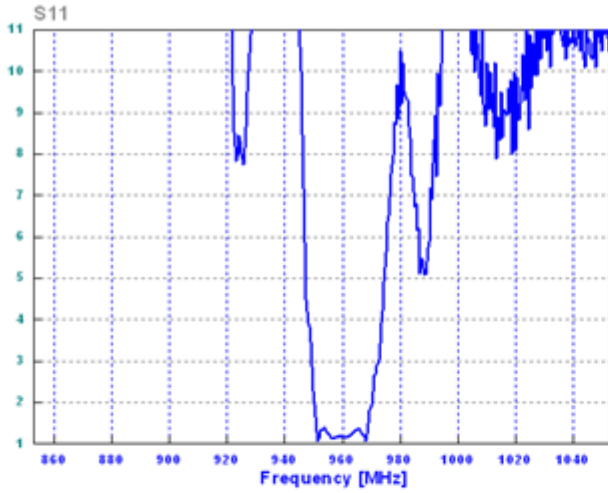


## Frequency Characteristics

Frequency Response



## VSWR



## Smith Chart

