

- Wireless, RF SAW Filter
- Revision 0: November 2004

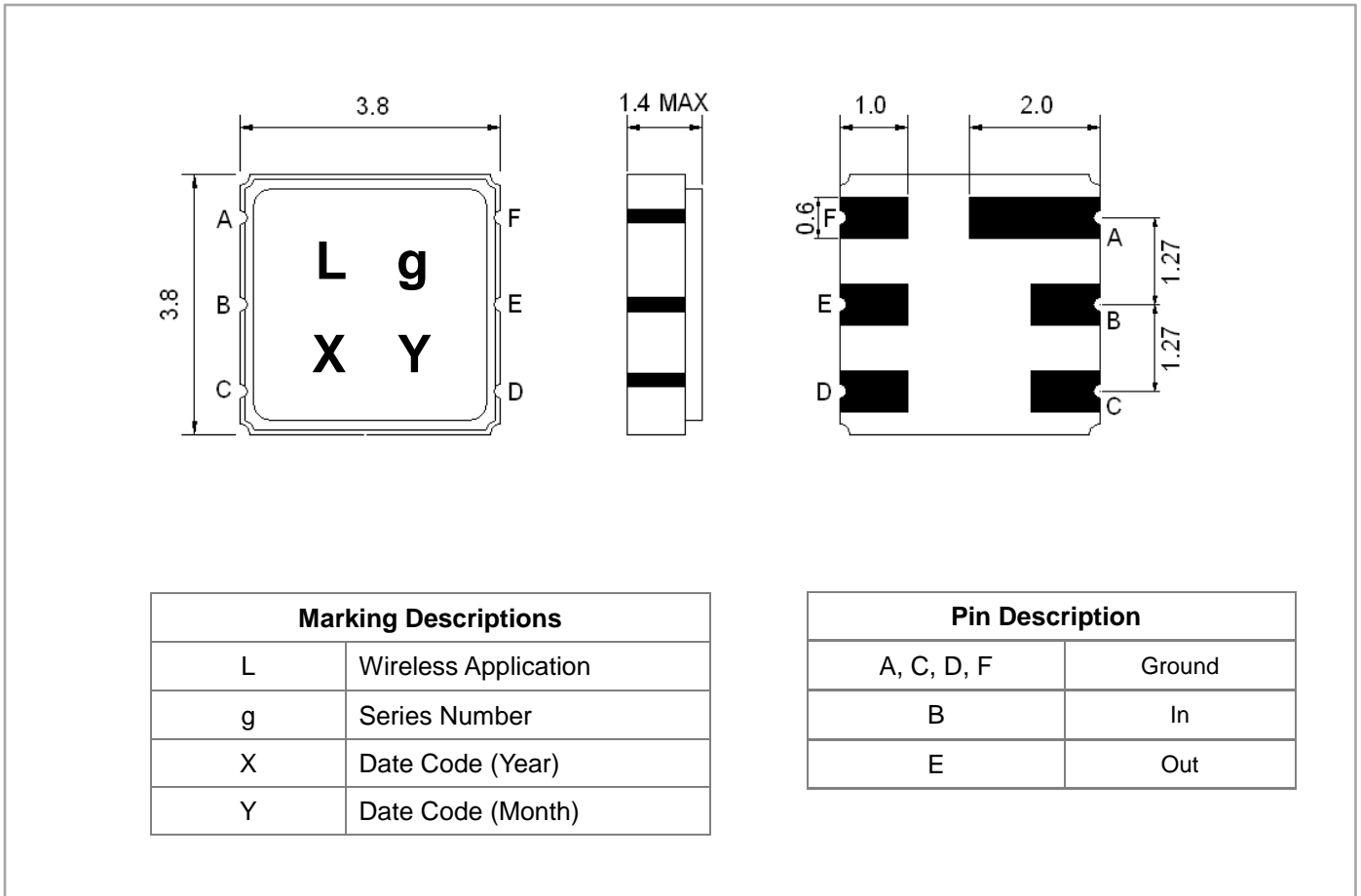
## Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	10
Maximum Input Power	dBm	-	-	10
Source Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Load Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Package type & size	P			
Length x Width	mm <sup>2</sup>	-	3.8 x 3.8	-
Height	mm	-	-	1.4

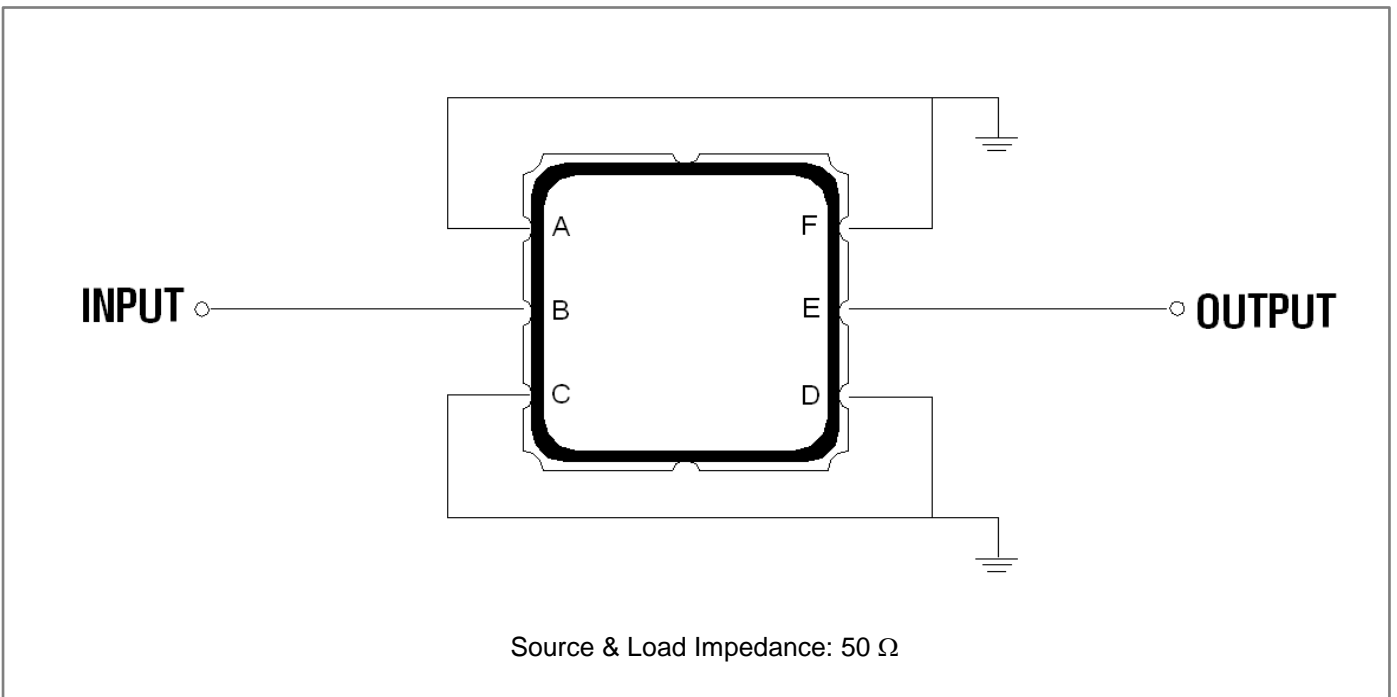
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	1003.0	-
Insertion Loss within 988 ~ 1018 MHz	dB	-	3.5	4.5
Amplitude Ripple within 988 ~ 1018 MHz	dB <sub>p-p</sub>	-	1.5	2.5
<b>Attenuation:</b>				
D.C. ~ 942 MHz	dB	50	60	-
942 ~ 964 MHz	dB	40	50	-
964 ~ 967 MHz	dB	40	50	-
1039 ~ 1040 MHz	dB	13	23	-
1040 ~ 1084 MHz	dB	15	25	-
1084 ~ 1559 MHz	dB	35	50	-
1559 ~ 3000 MHz	dB	20	28	-
VSWR within 988 ~ 1018 MHz	-	-	2.3	2.7

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

## Package Dimensions

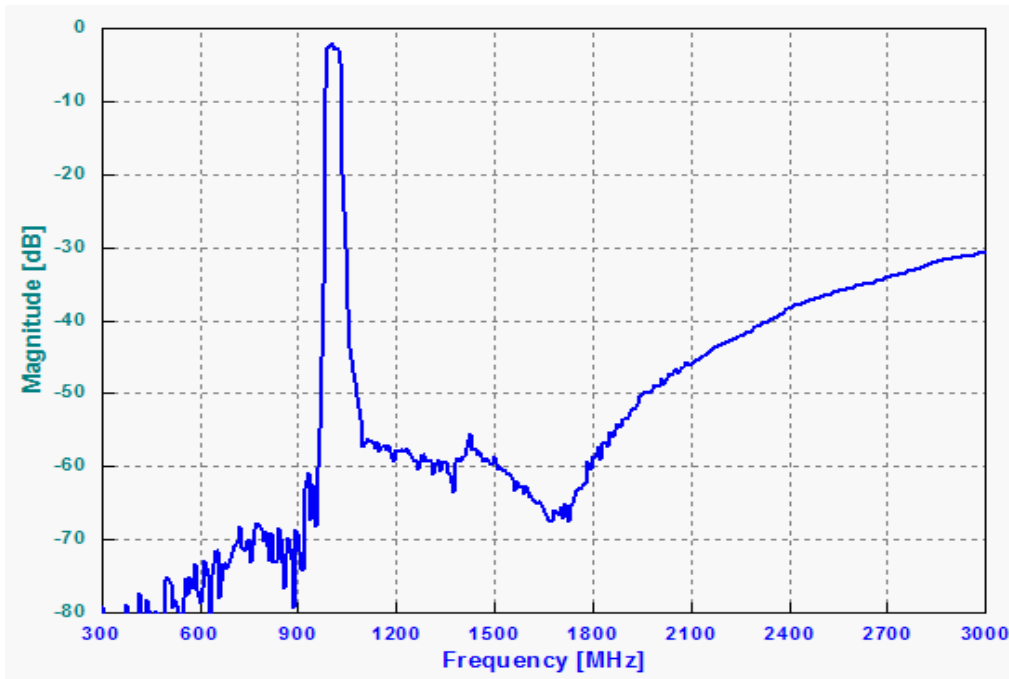
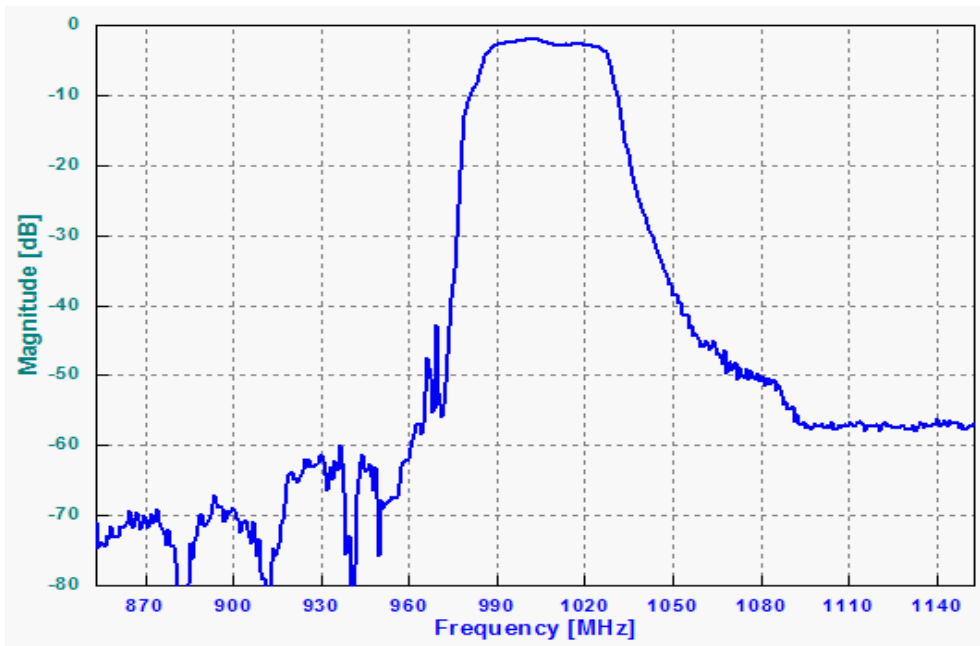


## Testing Environment

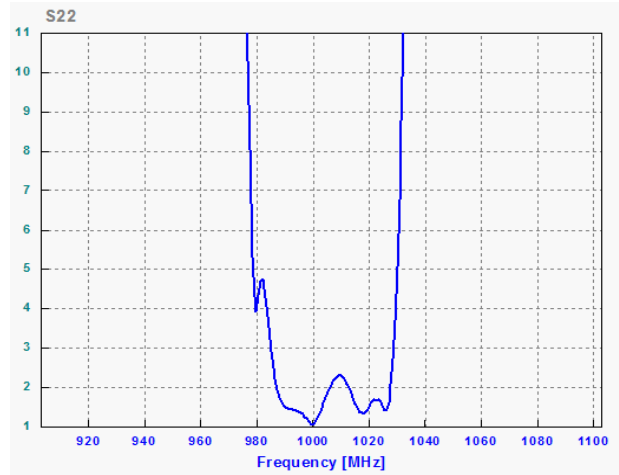
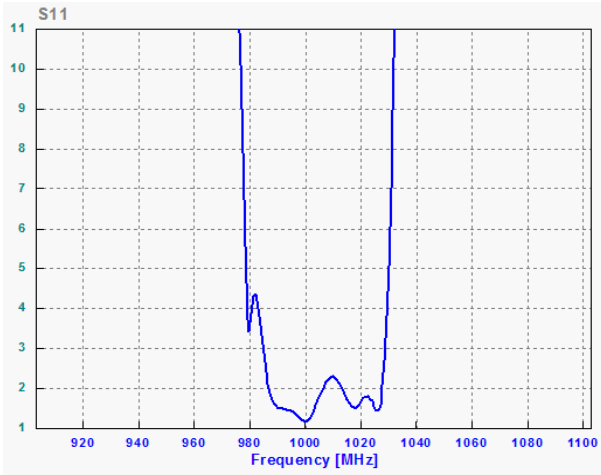


## Frequency Characteristics

**Frequency Response**



## VSWR



## Smith Chart

