

- Wireless, RF SAW Filter
- Revision 0: January 2005

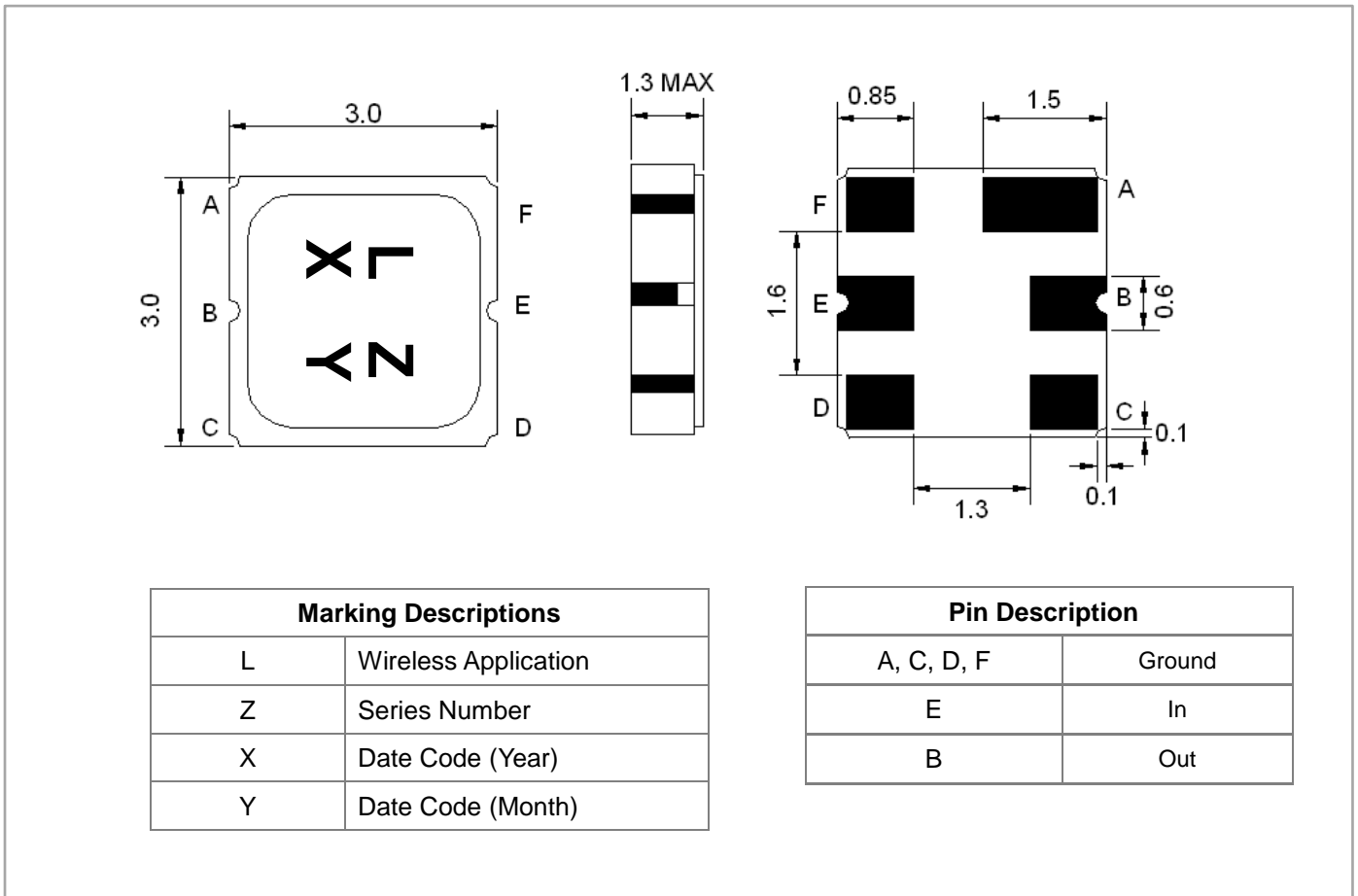
## Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	5
Maximum Input Power	dBm	-	-	20
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

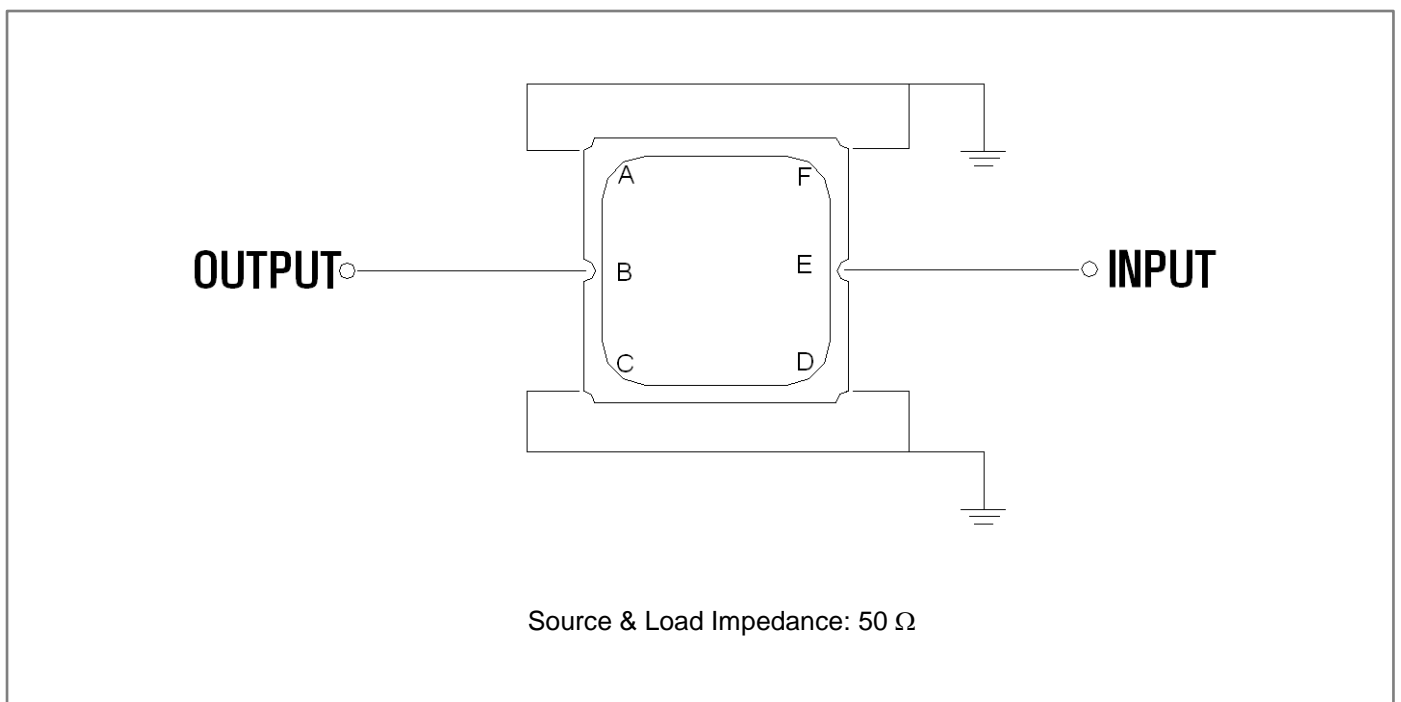
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	915.0	-
Insertion Loss 902 ~ 927 MHz	dB	-	2.5	3.0
Amplitude Ripple within 902 ~ 927 MHz	dB <sub>p-p</sub>	-	0.7	1.5
<b>Attenuation:</b>				
D.C. ~ 800 MHz	dB	50	60	-
800 ~ 845 MHz	dB	50	55	-
845 ~ 880 MHz	dB	45	50	-
950 ~ 990 MHz	dB	26	31	-
990 ~ 1200 MHz	dB	50	58	-
1200 ~ 2000 MHz	dB	30	38	-
VSWR (902 ~ 927 MHz)	-	-	1.45	2.0

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

## Package Dimensions

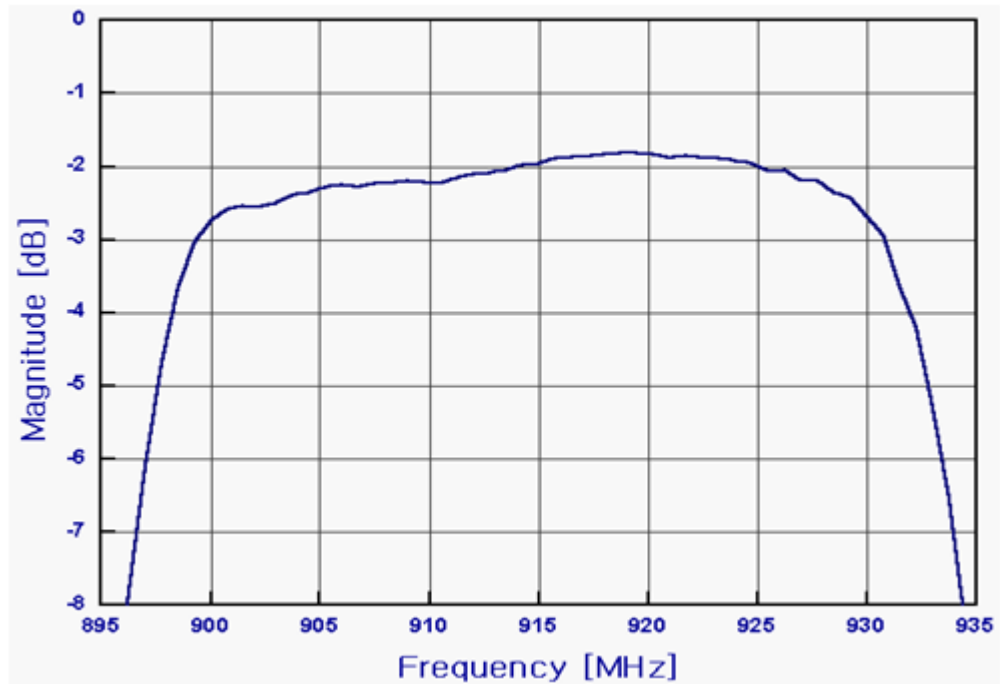
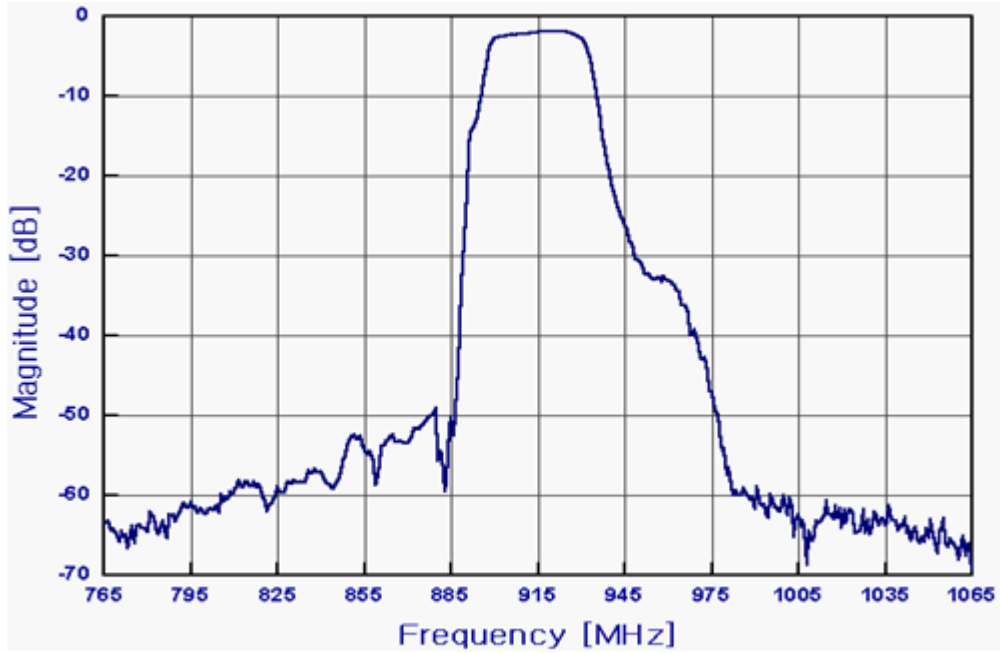


## Testing Environment

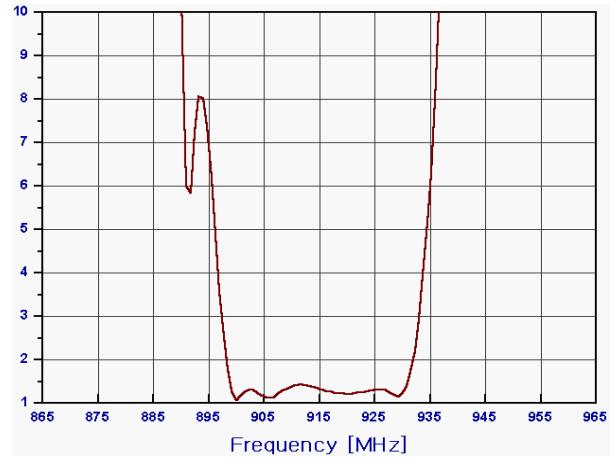
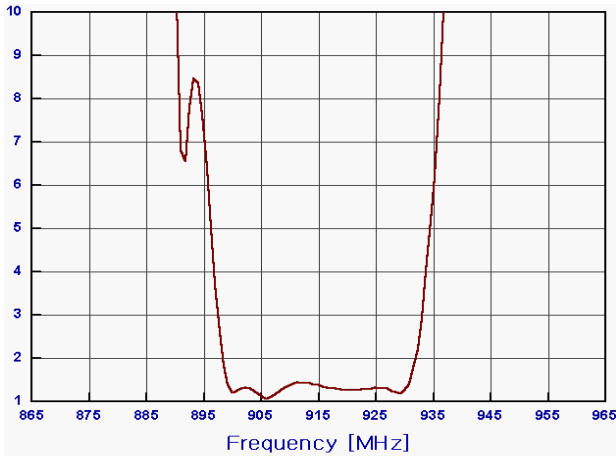


## Frequency Characteristics

Frequency Response



## VSWR



## Smith Chart

