

- Wireless, RF SAW Filter
- Revision 0: March 2007

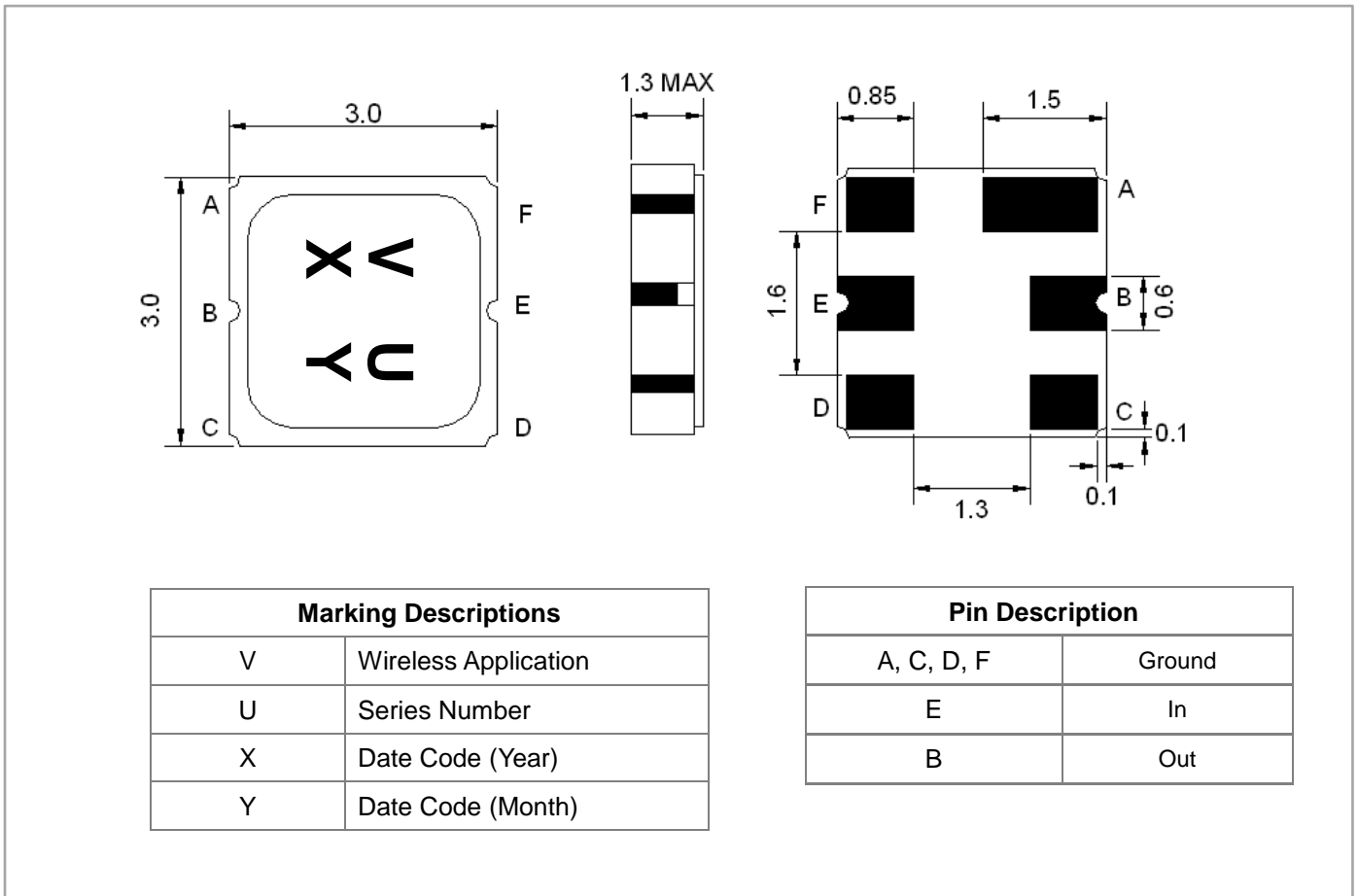
## Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-40	-	+80
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	5
Maximum Input Power	dBm	-	-	17
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

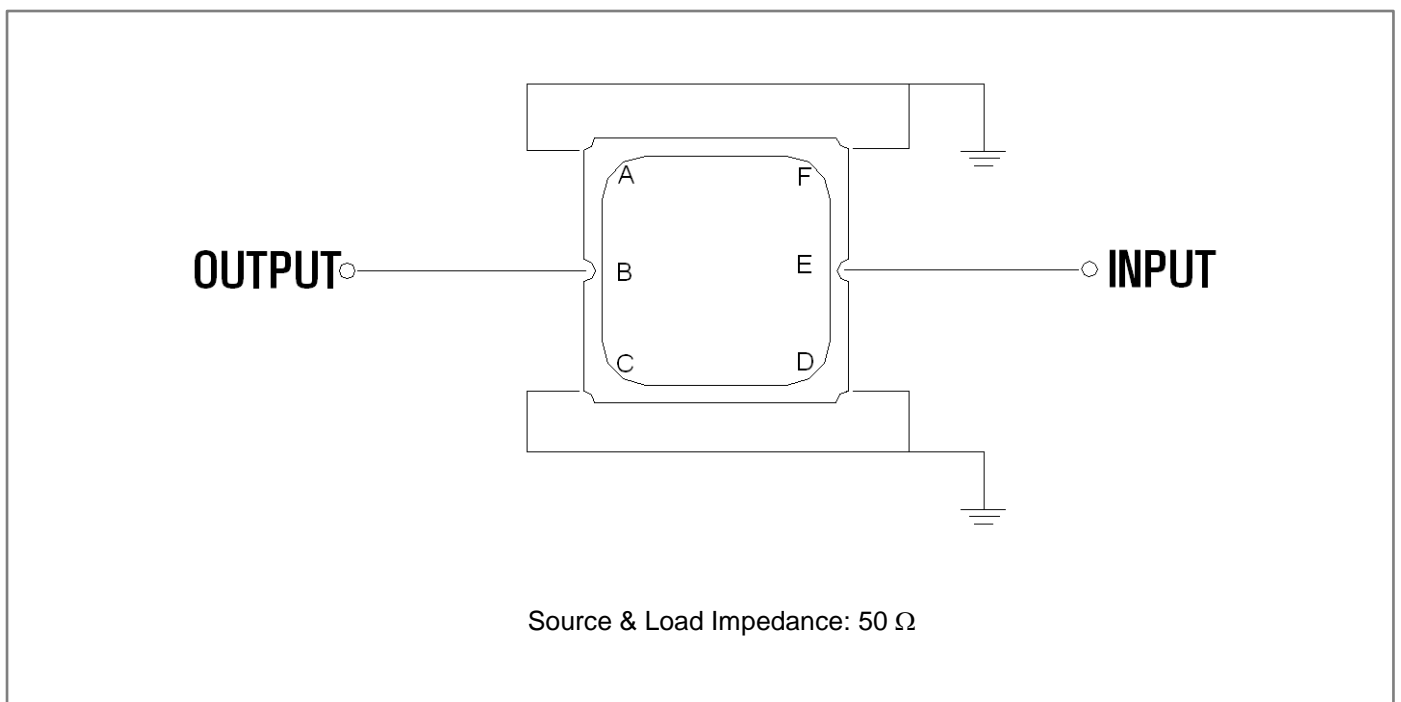
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	915.0	-
Insertion Loss within 914.0 ~ 916.0 MHz	dB	-	2.8	3.5
Amplitude Ripple within 914.0 ~ 916.0 MHz	dB <sub>p-p</sub>	-	0.45	1.0
<b>Attenuation:</b>				
20.0 ~ 850.0 MHz	dB	45	53	-
850.0 ~ 899.0 MHz	dB	35	43	-
899.0 ~ 901.0 MHz	dB	35	42	-
929.0 ~ 932.0 MHz	dB	40	50	-
950.0 ~ 1500.0 MHz	dB	40	46	-
VSWR within 914.0 ~ 916.0 MHz	-	-	1.50	2.0

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

## Package Dimensions

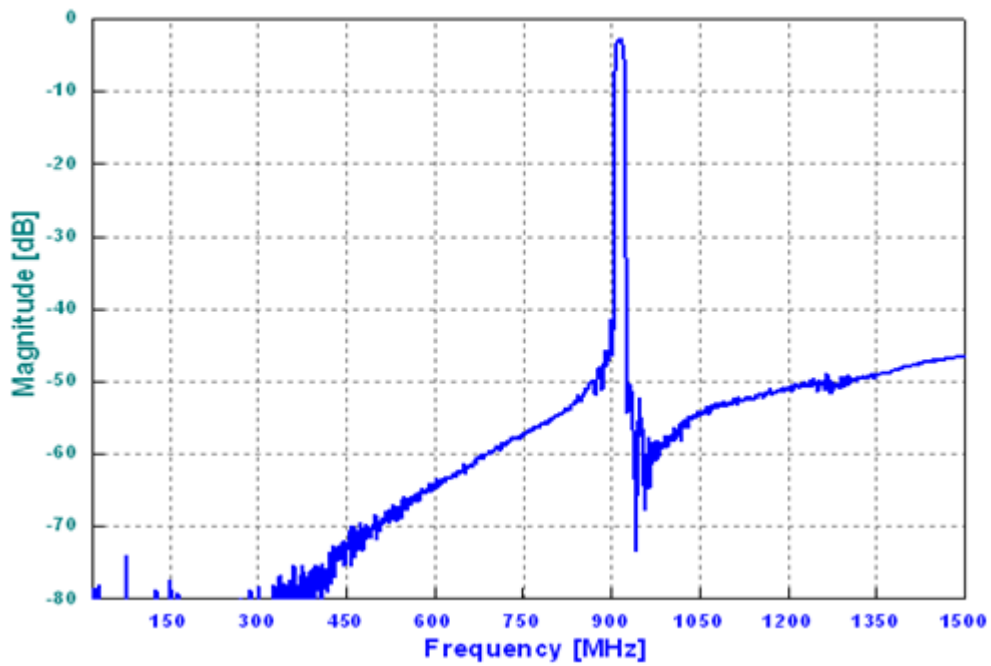
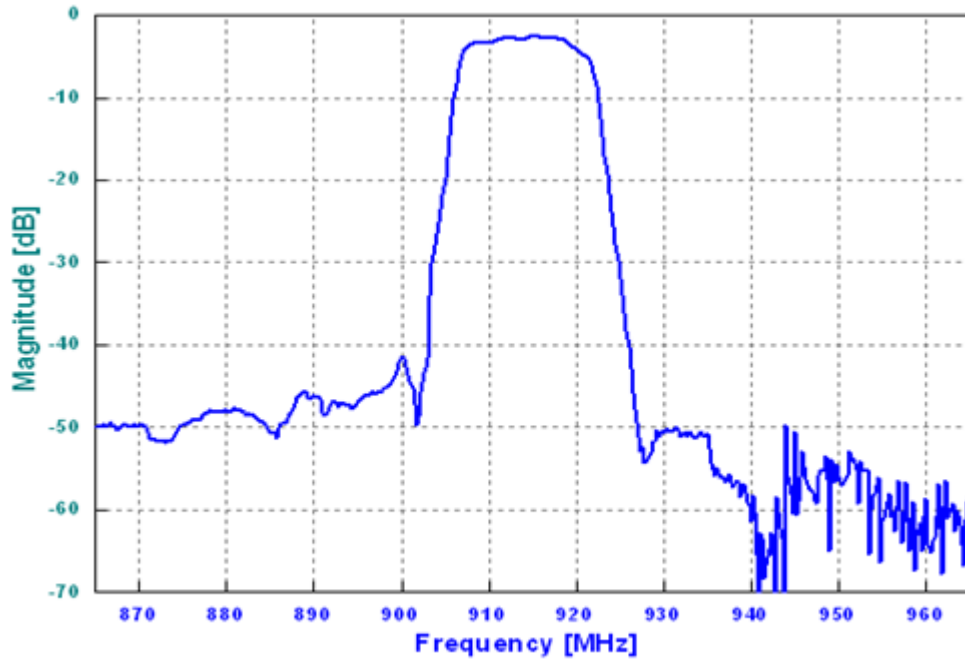


## Testing Environment

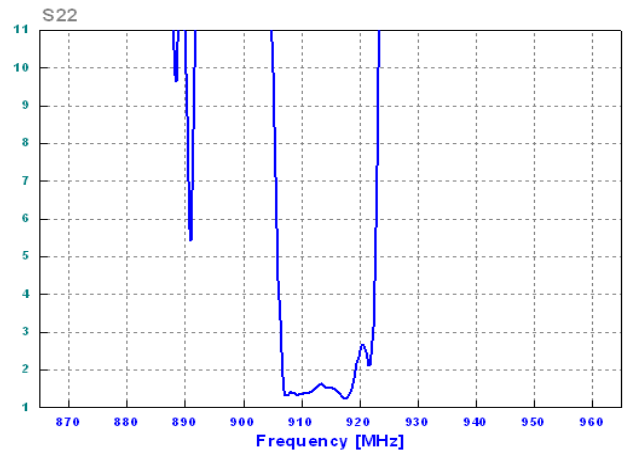
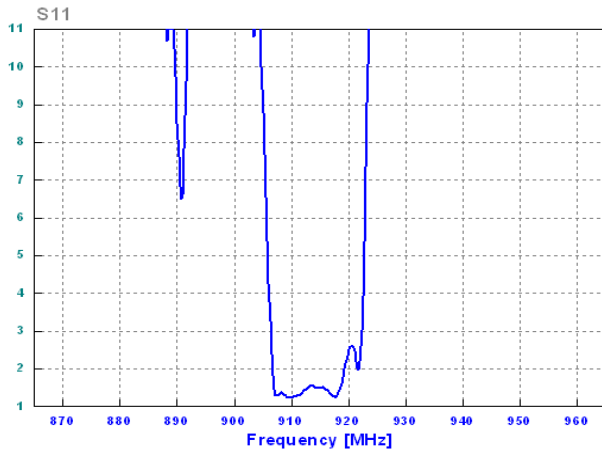


## Frequency Characteristics

Frequency Response



**VSWR**



**Smith Chart**

