

- Wireless, RF SAW Filter
- Revision 0: September 2008

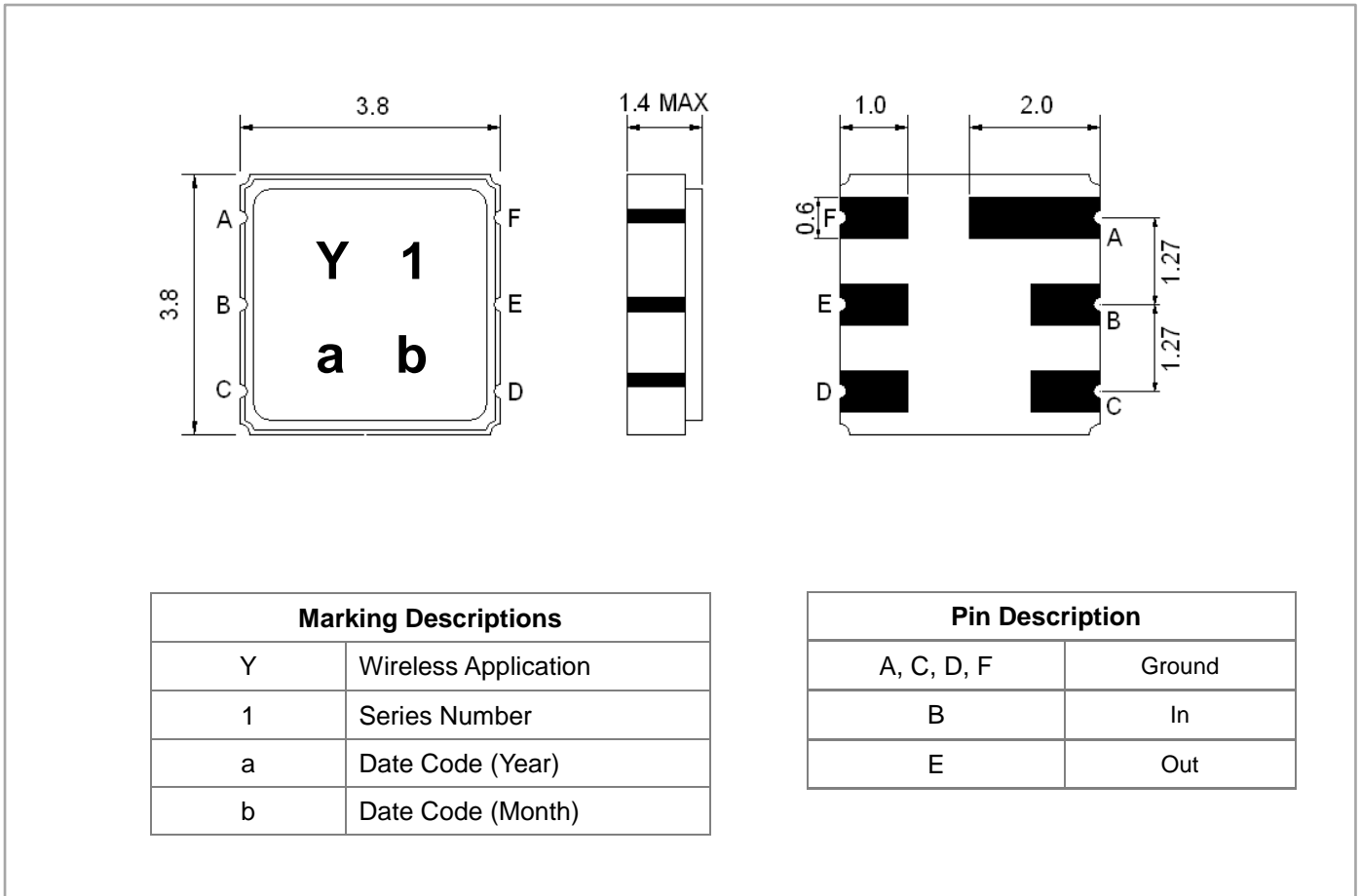
## Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
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	P			
Length x Width	mm <sup>2</sup>	-	3.8 x 3.8	-
Height	mm	-	-	1.4

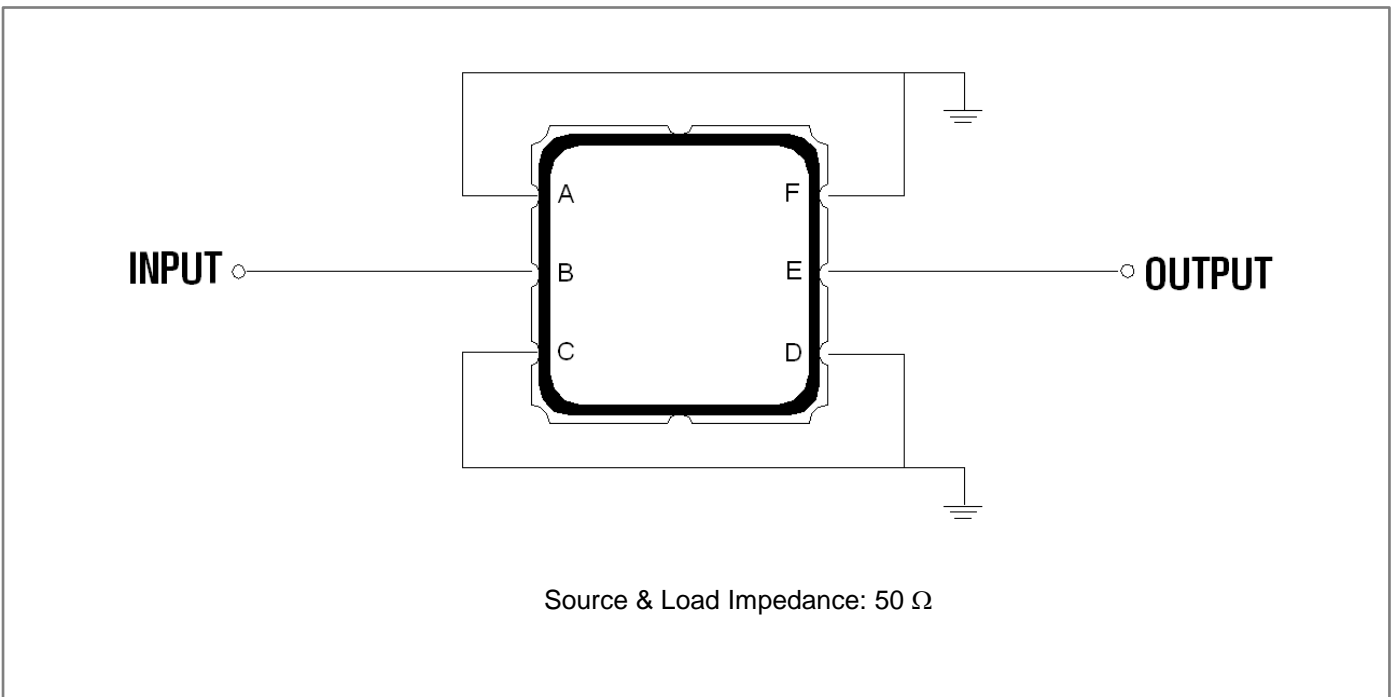
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	470.0	-
Insertion Loss within 460.0 ~480.0 MHz	dB	-	2.3	4.0
Amplitude Ripple within 460.0 ~480.0 MHz	dB	-	0.7	2.0
<b>Attenuation:</b>				
400.0 ~ 420.0 MHz	dB	40	46	-
505.0 ~ 525.0 MHz	dB	20	30	-
550.0 ~ 570.0- MHz	dB	40	48	-
Return Loss within 460.0 ~ 480.0 MHz	dB	10	16	-

**Notes :** (1) No Matching Network

## Package Dimensions

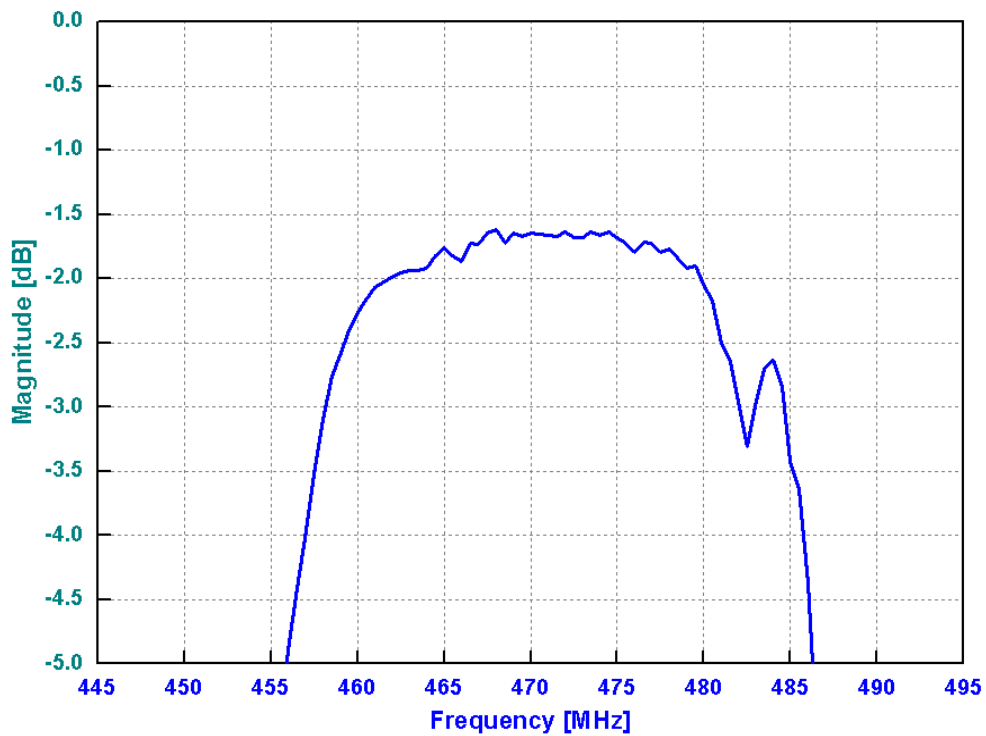
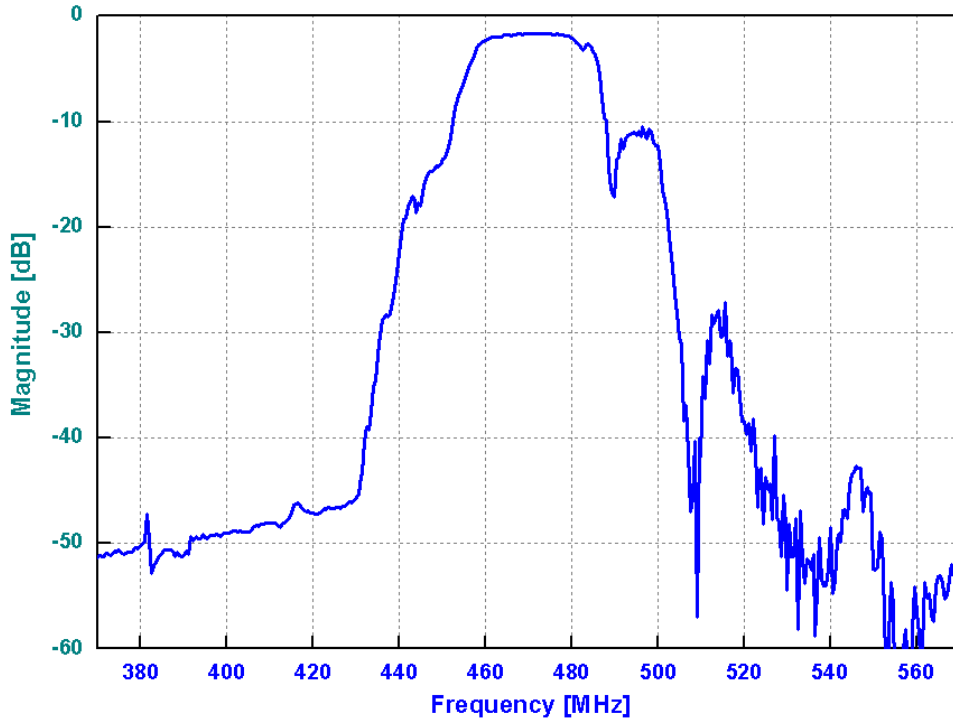


## Testing Environment

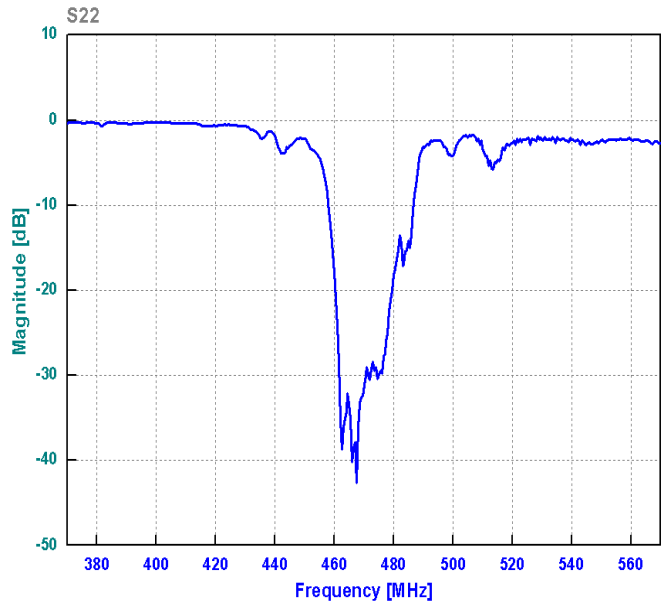
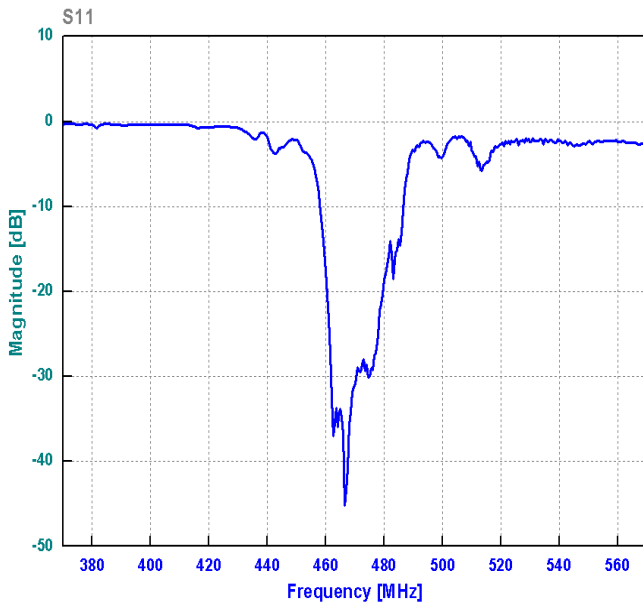


## Frequency Characteristics

**Frequency Response**



## VSWR



## Smith Chart

