

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

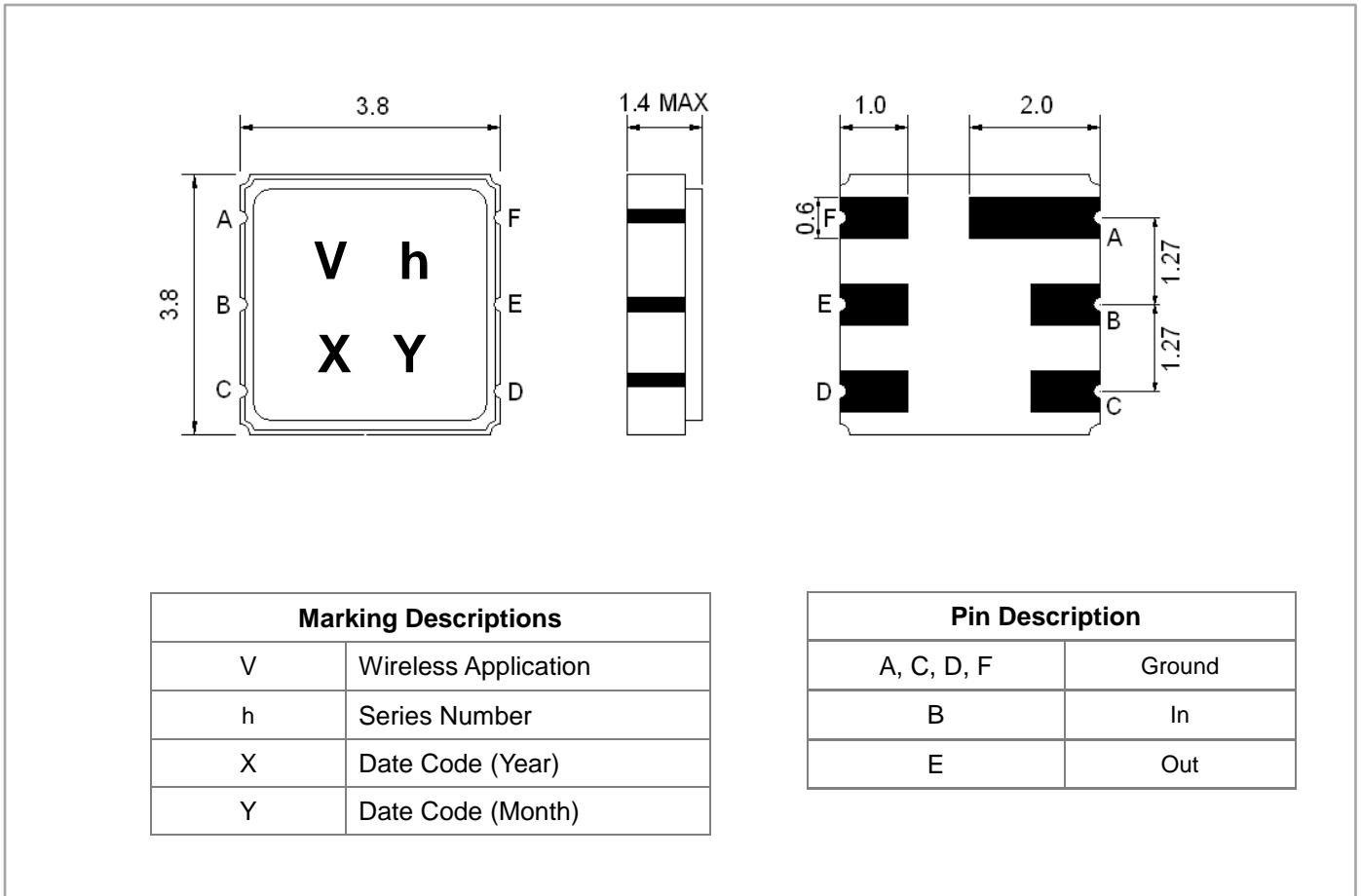
## Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+65
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	10
Maximum Input Power	dBm	-	-	0
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

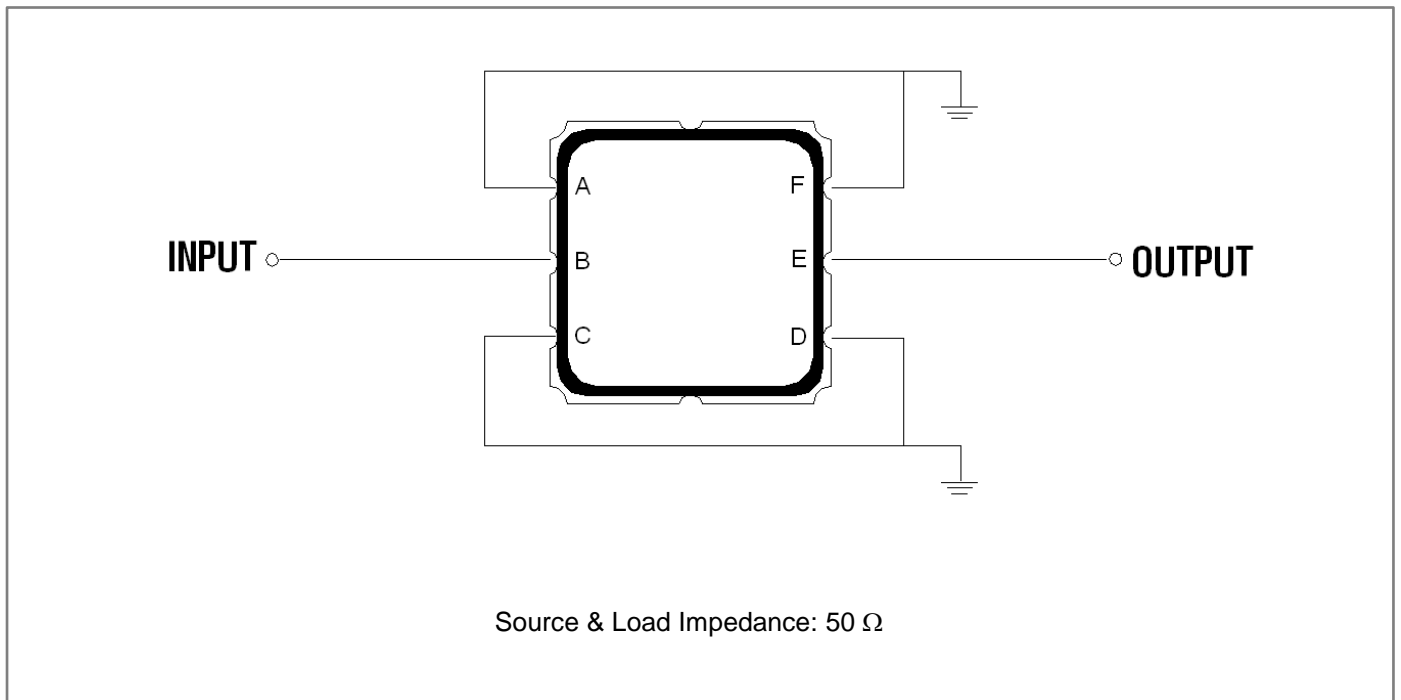
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	447.0	-
Insertion Loss within 440 ~ 454 MHz	dB	-	2.8	4.0
Amplitude Ripple within 440 ~ 454 MHz	dB <sub>p-p</sub>	-	0.7	1.5
<b>Attenuation:</b>				
Fo-200 ~ Fo-42.8 MHz	dB	45	50	-
Fo+42.8 ~ Fo+200 MHz	dB	50	55	-

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

## Package Dimensions



## Testing Environment



**Frequency Characteristics**

**Frequency Response**

