

- Wireless, RF SAW Filter
- Revision 0: March 2010

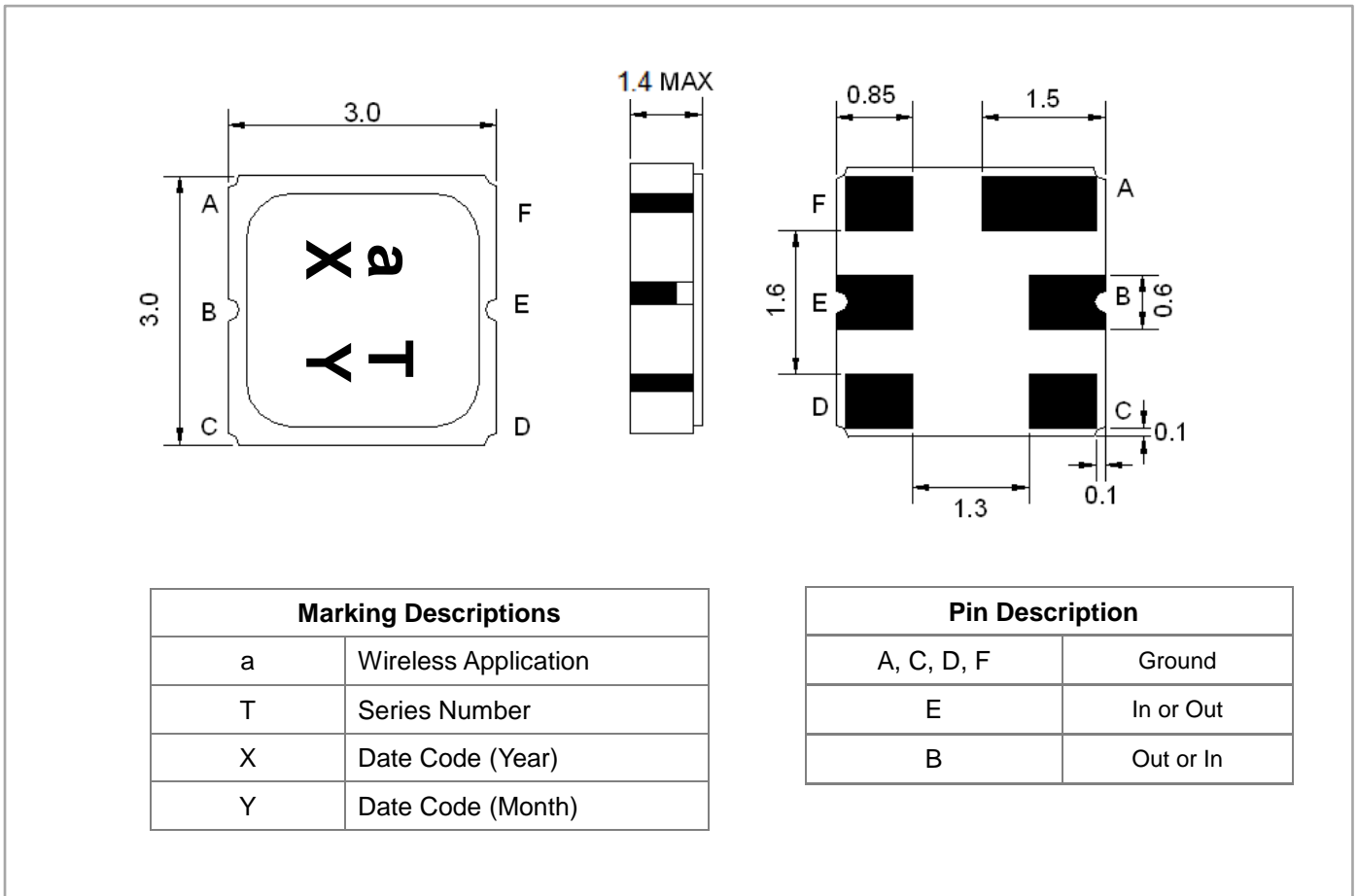
## Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	3
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	M			
Length x Width	mm <sup>2</sup>	-	3.0 x 3.0	-
Height	mm	-	-	1.4

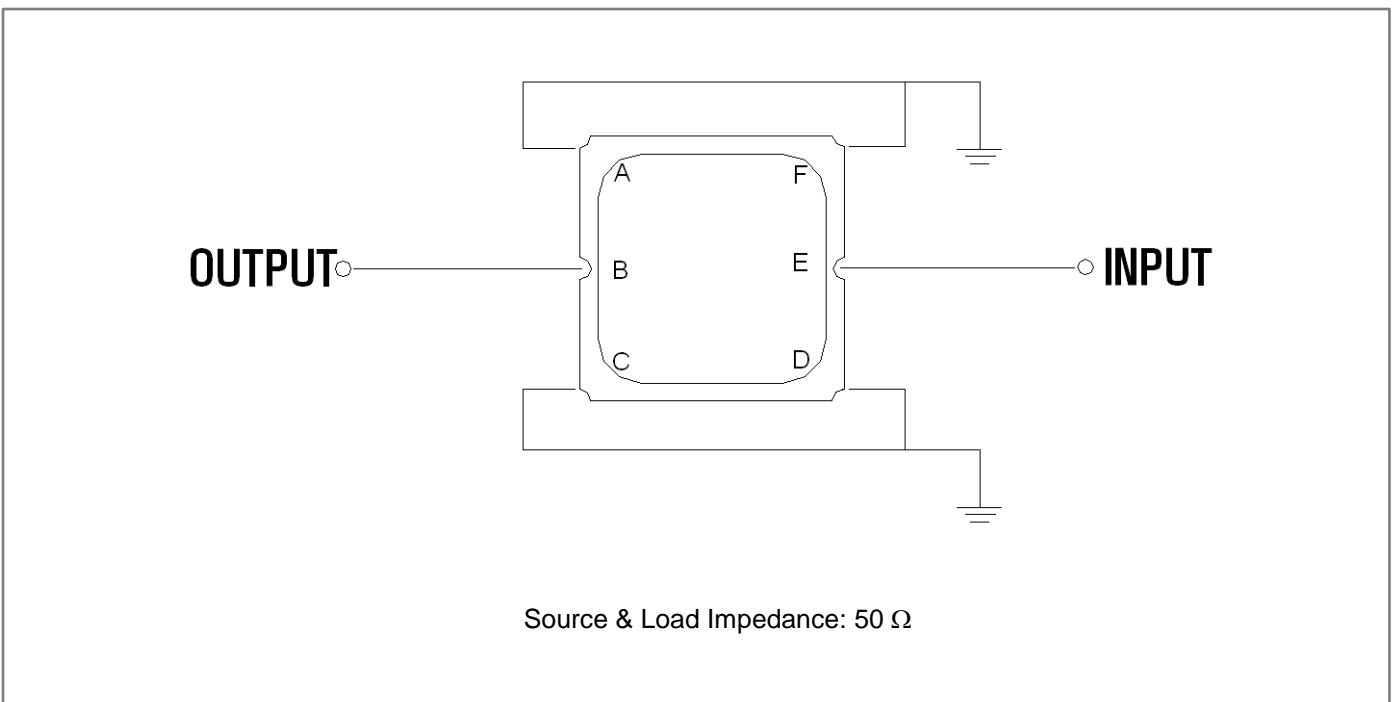
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	872.5	-
Insertion Loss within 865.0 ~ 880.0 MHz	dB	-	2.7	3.5
Amplitude Ripple within 865.0 ~ 880.0 MHz	dB <sub>p-p</sub>	-	0.7	1.5
<b>Attenuation:</b>				
10.0 ~ 820.0 MHz	dB	40	45	-
820.0 ~ 835.0 MHz	dB	35	40	-
912.0 ~ 927.0 MHz	dB	25	32	-
927.0 ~ 972.0 MHz	dB	35	40	-
972.0 ~ 1300.0 MHz	dB	40	45	-
VSWR within 865.0 ~ 880.0 MHz	-	-	1.5	2.0

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

## Package Dimensions



## Testing Environment



## Frequency Characteristics

### Frequency Response

