

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

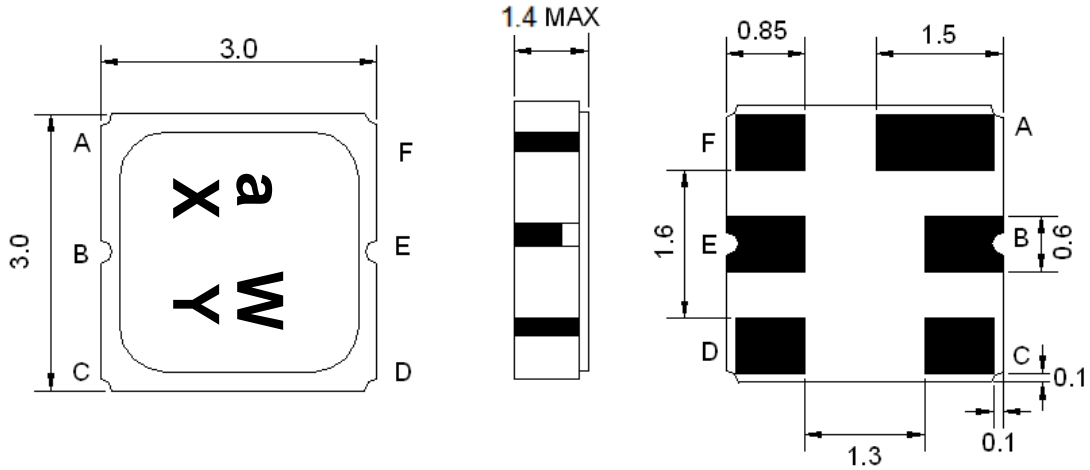
## Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-40	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
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	-	-	1.4

ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	787.0	-
Insertion Loss within 776.0 ~ 798.0 MHz	dB	-	2.4	3.0
Amplitude Ripple within 776.0 ~ 798.0 MHz	dB <sub>p-p</sub>	-	0.6	1.5
<b>Attenuation:</b>				
10.0 ~ 746.0 MHz	dB	30	54	-
746.0 ~ 756.0 MHz	dB	30	52	-
1056.0 ~ 1078.0 MHz	dB	40	62	-
1078.0 ~ 2700.0 MHz	dB	25	31	-
Return Loss within 776.0 ~ 798.0 MHz	dB	7	10	-

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

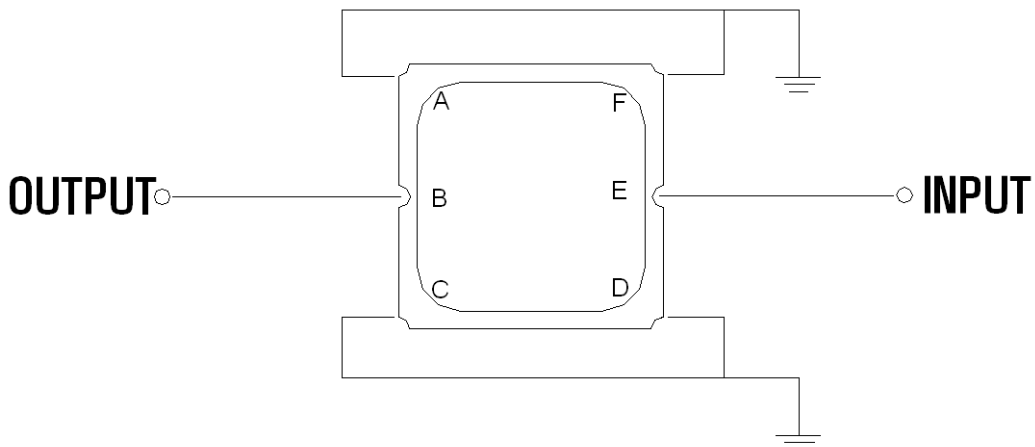
## Package Dimensions



Marking Descriptions	
a	Wireless Application
W	Series Number
X	Date Code (Year)
Y	Date Code (Month)

Pin Description	
A, C, D, F	Ground
E	In or Out
B	Out or In

## Testing Environment



Source & Load Impedance: 50 Ω

## Frequency Characteristics

**Frequency Response**

