

- Wireless, RF SAW Filter
- Revision 1: December 2009

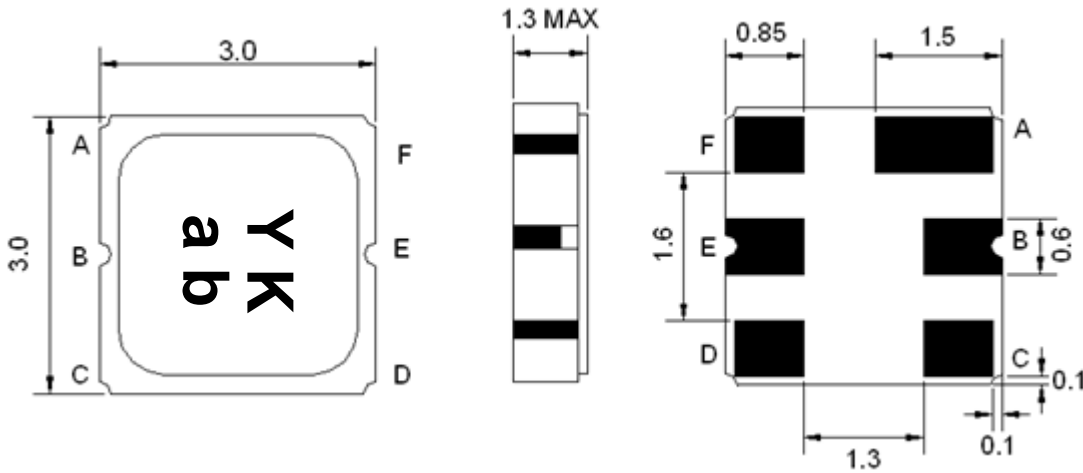
## Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-55	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
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	-	-	1.3

ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	1590.0	-
Minimum Insertion Loss within 1570.0 ~ 1610.0	dB	-	3.7	4.5
Amplitude Ripple within 1570.0 ~ 1610.0 MHz	dB <sub>p-p</sub>	-	1.0	2.0
-1dB Bandwidth	MHz	-	40	45
-20dB Bandwidth	MHz	-	90	100
Ultimate Rejection	dB	45	50	-

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

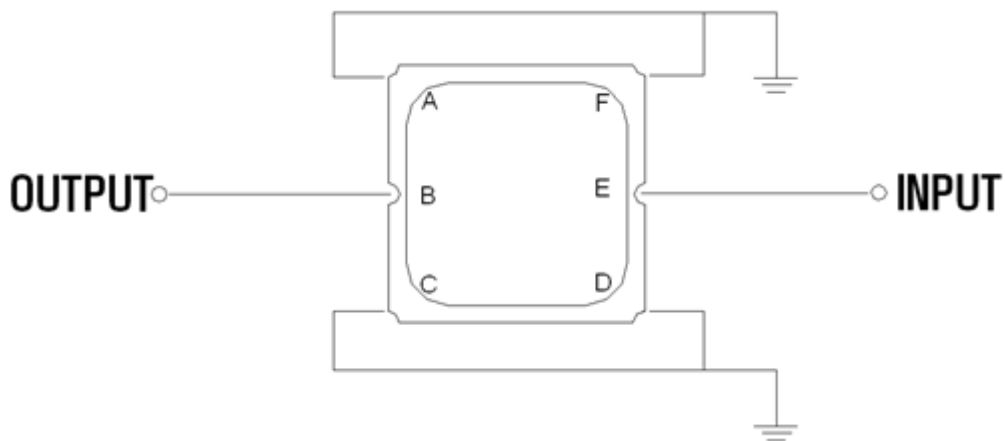
## Package Dimensions



Marking Descriptions	
Y	Wireless Application
K	Series Number
a	Date Code (Year)
b	Date Code (Month)

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

## Testing Environment



Source & Load Impedance: 50  $\Omega$

## Frequency Characteristics

