

- Wireless, Balanced RF SAW Filter
- Revision 0: June 2008

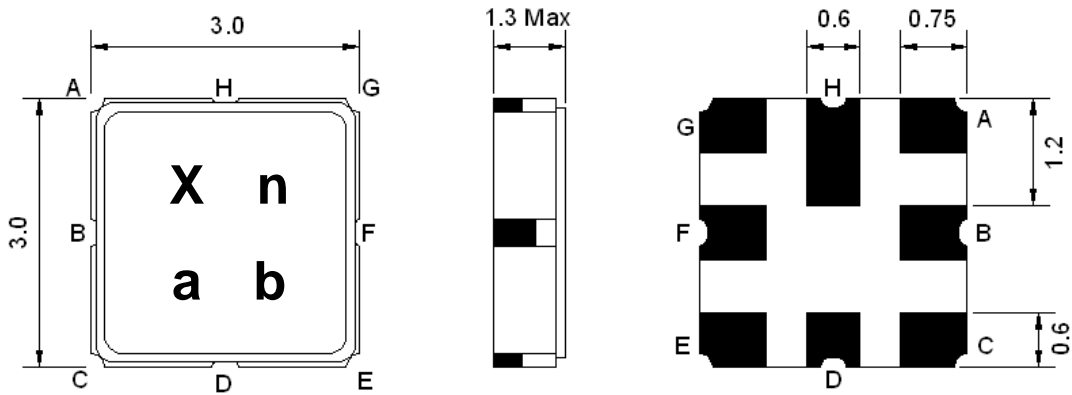
## Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-40	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	3
Maximum Input Power	dBm	-	-	15
Source Impedance (balanced ended) <sup>(1)</sup>	Ω	-	200	-
Load Impedance (balanced ended) <sup>(1)</sup>	Ω	-	200	-
Package type & size	M1			
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	-	1220.0	-
Insertion Loss within 1216.0 ~ 1224.0 MHz	dB	-	3.0	3.5
Amplitude Ripple within 1216.0 ~ 1224.0 MHz	dB <sub>p-p</sub>	-	0.8	1.3
Group Delay Ripple within 1216.0 ~ 1224.0 MHz	ns <sub>p-p</sub>	-	15	20
<b>Attenuation:</b>				
500.0 ~ 1152.0 MHz	dB	50	55	-
1152.0 ~ 1184.0 MHz	dB	44	47	-
1290.0 ~ 2000.0 MHz	dB	50	55	-

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

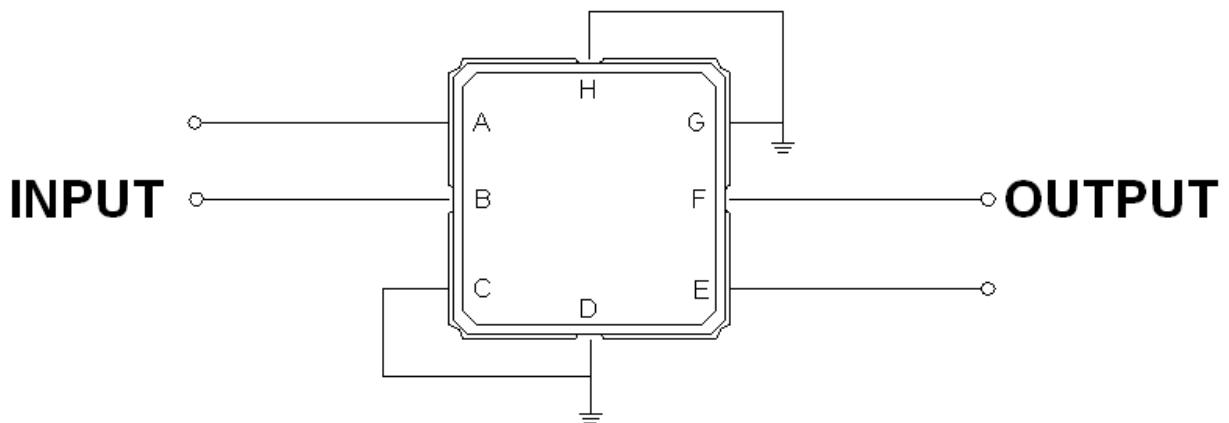
## Package Dimensions



Marking Descriptions	
X	Wireless Application
n	Series Number
a	Date Code (Year)
b	Date Code (Month)

Pin Description	
C, D, G, H	Ground
A, B	Balanced In
E, F	Balanced Out

## Testing Environment



Source Impedance: 200  $\Omega$

Load Impedance: 200  $\Omega$

## Frequency Characteristics

