

- Wireless, RF SAW Filter
- Revision 0: August 2013

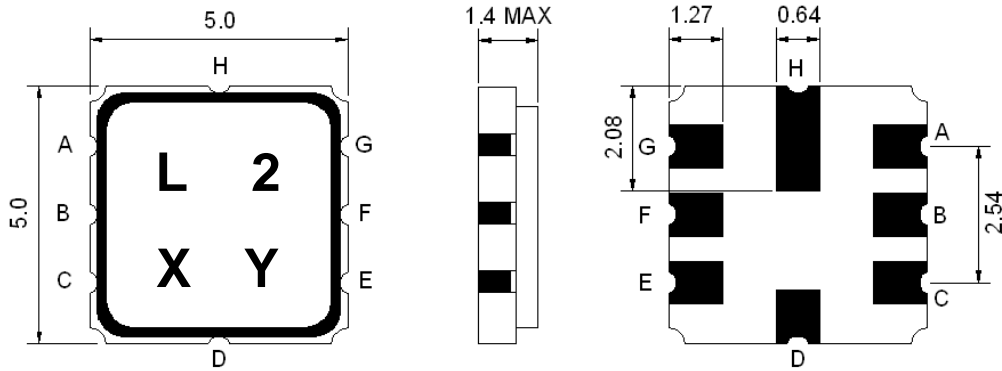
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-40	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	5
Maximum Input Power	dBm	-	-	15
Source Impedance (single ended) ⁽¹⁾	Ω	-	150	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	150	-
Package type & size	K			
Length x Width	mm ²	-	5.0 x 5.0	-
Height	mm	-	-	1.4

ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	250.0	-
Insertion Loss within 247.5 ~ 252.5 MHz	dB	-	3.0	4.0
Amplitude Ripple within 247.5 ~ 252.5 MHz	dB	-	1.5	2.5
Stop Band Attenuation:				
Fo-100.0 ~ Fo-40.0 MHz	dB	50	55	-
Fo+40.0 ~ Fo+400.0 MHz	dB	50	55	-
Fo+400.0 ~ Fo+750.0 MHz	dB	45	53	-
Fo+750.0 ~ Fo+1000.0 MHz	dB	35	47	-
Fo+1000.0 ~ Fo+2000.0 MHz	dB	25	32	-

Notes: (1) With Matching Network.

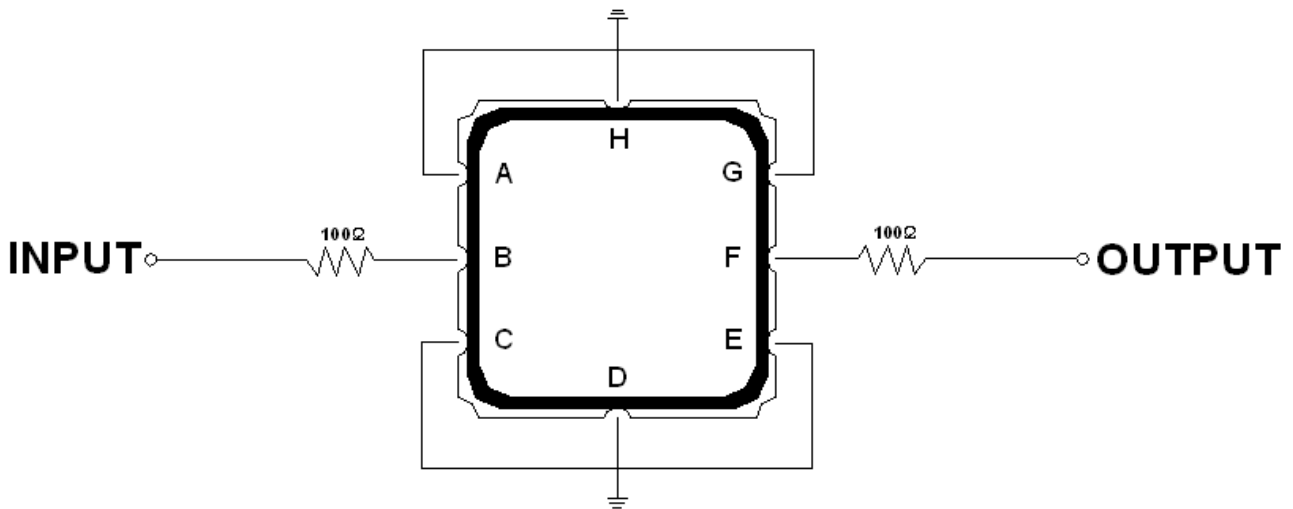
Package Dimensions



Marking Descriptions	
L	Wireless Application
2	Series Number
X	Date Code (Year)
Y	Date Code (Month)

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

Testing Environment



Source & Load Impedance: 50 Ω

Frequency Characteristics

