



Total Solution Provider in Saw Device

SA250AK

Wireless, RF SAW Filter
Revision 0: July 2004



- Electrical Characteristics
 - Package Dimensions
 - Testing Environment
 - Frequency Characteristics
-

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□ Electrical Characteristics

Maximum Ratings

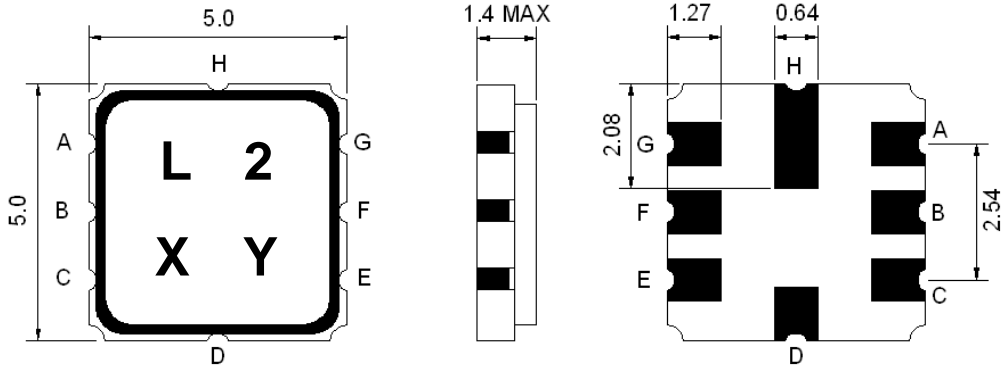
Parameters Description	Unit	Minimum	Typical	Maximum
Operating Temperature Range	°C	-10	-	+60
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	10
Maximum Input Power	dBm	-	-	0
Source Impedance (single ended) ⁽¹⁾	Ω	-	150	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	150	-
Package type & size	K			
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 in 247.5 ~ 252.5 MHz	dB	-	3.0	4.0
Amplitude Ripple in 247.5 ~ 252.5 MHz	dB	-	1.5	2.5
Stop Band Attenuation:				
D.C ~ Fo-42.8 MHz	dB	50	55	-
Fo+40.0 ~ F+200.0 MHz	dB	50	55	-

Notes : (1) With Matching Network .

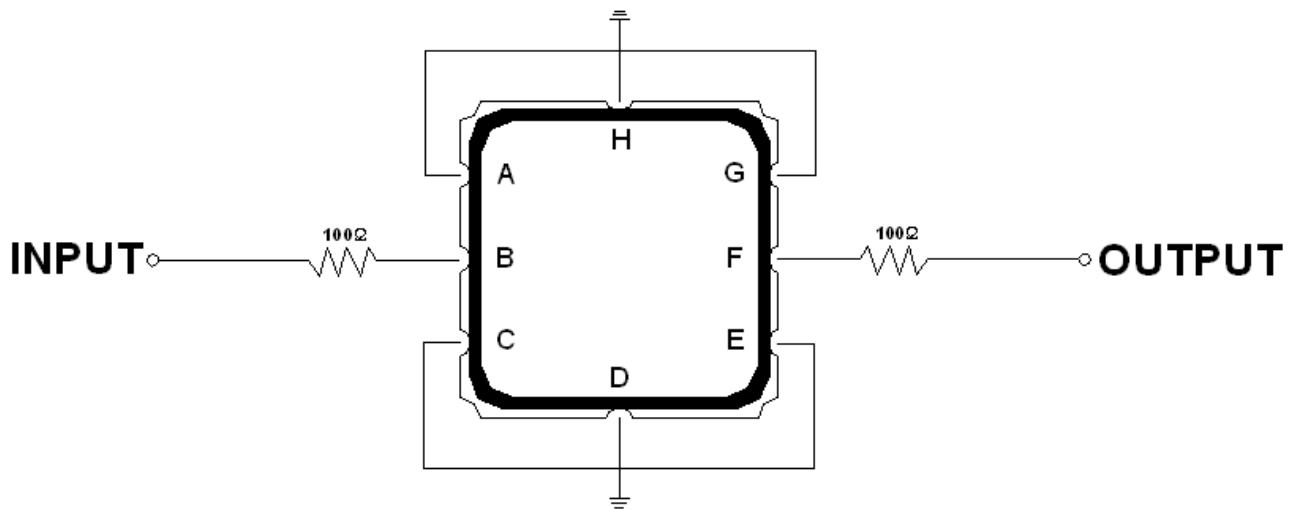
□ Package Dimensions



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

Frequency Response

