



Total Solution Provider in Saw Device

SA325BK

Wireless, RF SAW Filter
Revision 0: July 2004



- Electrical Characteristics
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 - Frequency Characteristics
-

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□ Electrical Characteristics

Maximum Ratings

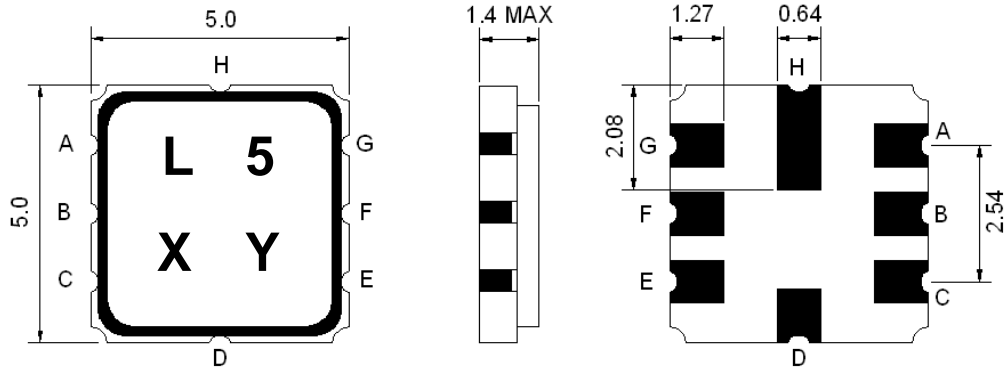
Parameters Description	Unit	Minimum	Typical	Maximum
Operating Temperature Range	°C	-40	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	5
Maximum Input Power	dBm	-	-	20
Source Impedance (Balance ended) ⁽¹⁾	Ω	-	200	-
Load Impedance (Balance ended) ⁽¹⁾	Ω	-	200	-
Package type & size	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	-	325.3	-
Insertion Loss in 322.0 ~ 328.6 MHz	dB	-	1.4	3.5
Amplitude Ripple in 322.0 ~ 328.6 MHz	-	-	0.8	2.0
Stop Band Attenuation:				
Fo-100.0 ~ Fo-39.5 MHz	dB	45	55	-
Fo+39.5 ~ F+100.0 MHz	dB	45	55	-

Notes : (1) With Matching Network .

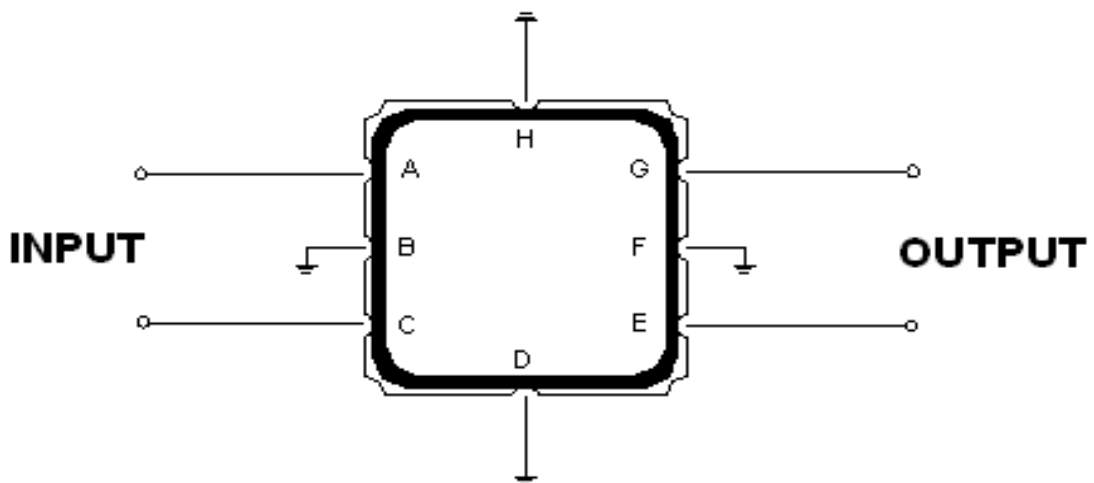
Package Dimensions



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

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

Testing Environment



Source & Load Impedance: 200 Ω

Frequency Characteristics

Frequency Response

