



Total Solution Provider in Saw Device

SA268AK

Wireless, RF SAW Filter
Revision 0: June 2008



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

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□ Electrical Characteristics

Maximum Ratings

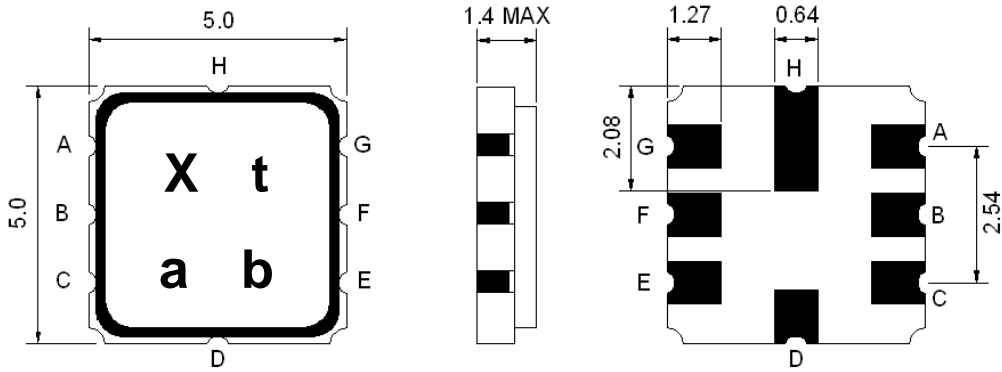
Parameters Description	Unit	Minimum	Typical	Maximum
Operating Temperature Range	°C	-20	-	+55
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	3
Maximum Input Power	dBm	-	-	25
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	K			
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	-	268.5	-
Insertion Loss within 266.0 ~ 271.0 MHz	dB	-	1.9	3.0
Stop Band Attenuation:				
10.0 ~ 260.0 MHz	dB	35	45	-
260.0 ~ 263.0 MHz	dB	30	40	-
277.0 ~ 284.0 MHz	dB	25	35	-
284.0 ~ 300.0 MHz	dB	40	50	-
300.0 ~ 1000.0 MHz	dB	30	44	-
VSWR within 266.0 ~ 271.0 MHz	-	-	1.6	2.4

Notes : (1) No Matching Network .

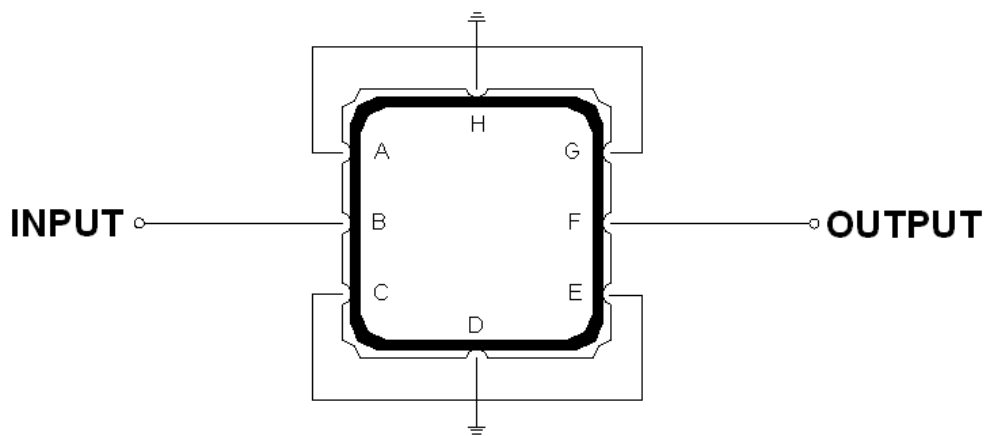
Package Dimensions



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

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

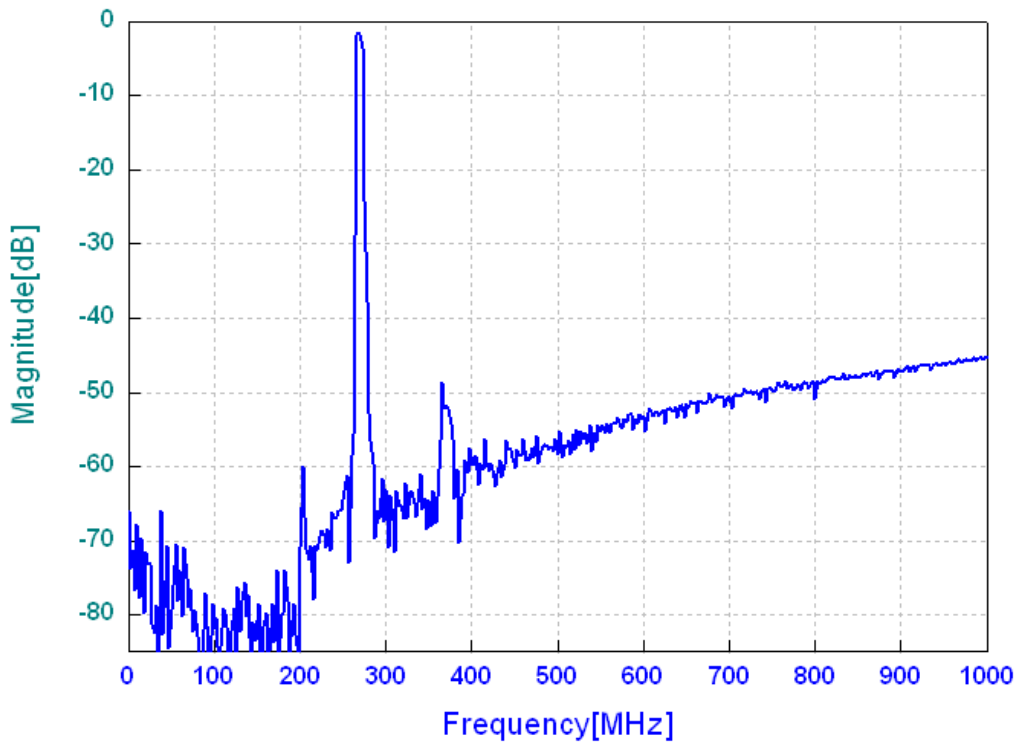
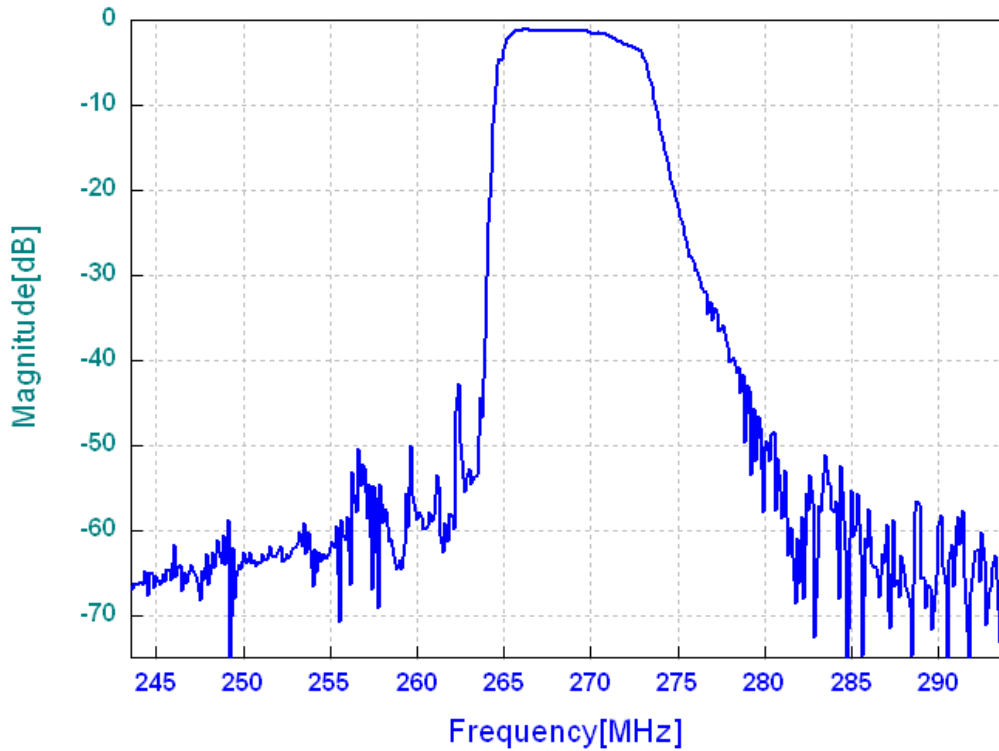
Testing Environment



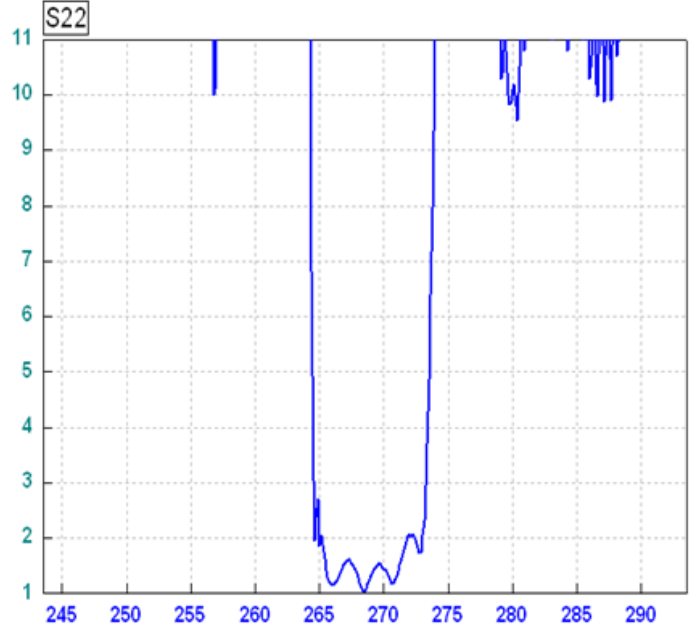
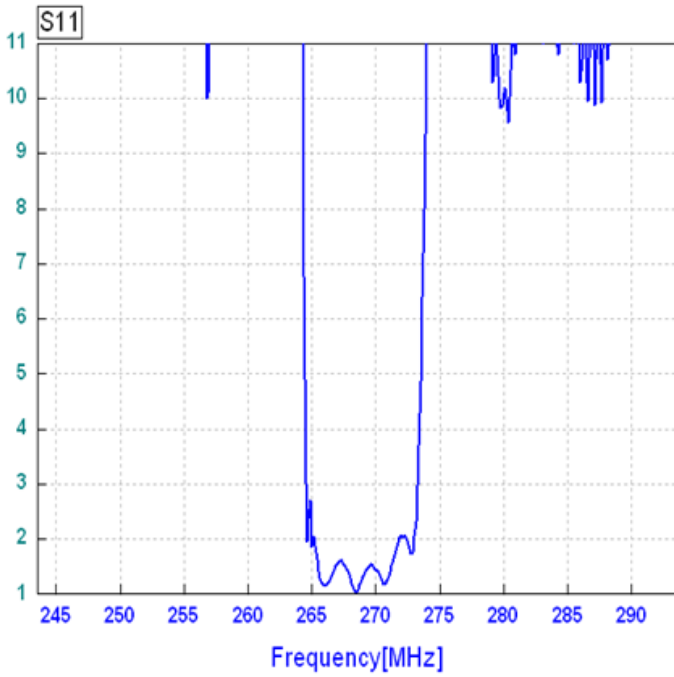
Source & Load Impedance: 50 Ω

□ Frequency Characteristics

Frequency Response



VSWR



Smith Chart

