



Total Solution Provider in Saw Device

SA931AP

Wireless, RF SAW Filter
Revision 0: February 2007



- Electrical Characteristics
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 - Frequency Characteristics
-

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□ Electrical Characteristics

Maximum Ratings

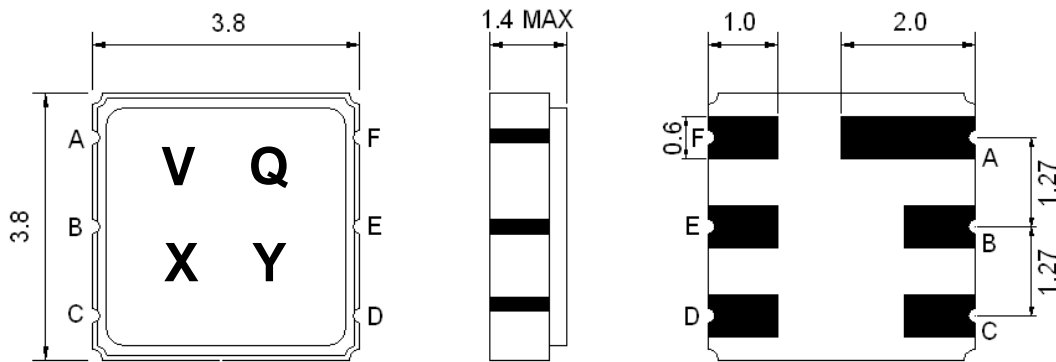
Parameters Description	Unit	Minimum	Typical	Maximum
Operating Temperature Range	°C	-40	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	10
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	P			
Length x Width	mm ²	-	3.8 x 3.8	-
Height	mm	-	-	1.4

Electrical Specification

Parameters Description	Unit	Minimum	Typical	Maximum
Center Frequency (Fo)	MHz	-	931.0	-
Insertion Loss within 929.0 ~ 933.0 MHz	dB	-	3.0	4.0
Amplitude Ripple within 929.0 ~ 933.0 MHz	dB _{p-p}	-	0.4	1.5
Attenuation:				
884.0 ~ 891.0 MHz	dB	40	47	-
907.0 ~ 911.0 MHz	dB	30	45	-
951.0 ~ 955.0 MHz	dB	13	18	-
972.0 ~ 977.0 MHz	dB	40	50	-

Notes : (1)) With Matching Network (Ref. Testing Environment Circuit as shown below).

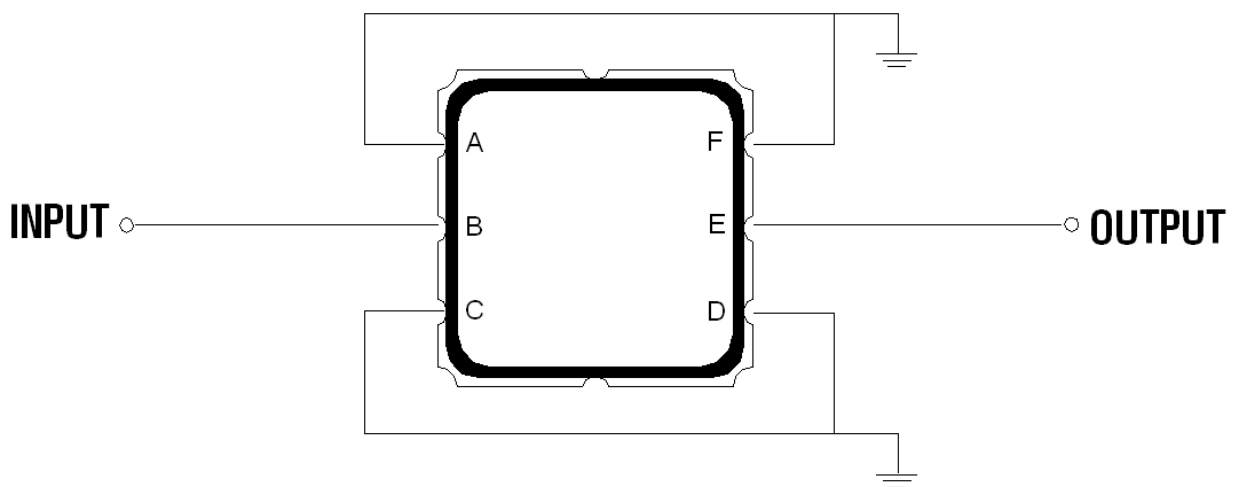
Package Dimensions



Marking Descriptions	
V	Wireless Application
Q	Series Number
X	Date Code(Year)
Y	Date Code(Month)

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

Testing Environment



Source & Load Impedance : 50 Ω

□ Frequency Characteristics

Frequency Response

