



Total Solution Provider in Saw Device

SA868DP

Wireless, RF SAW Filter
Revision 0: February 2007



- Electrical Characteristics
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-

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□ Electrical Characteristics

Maximum Ratings

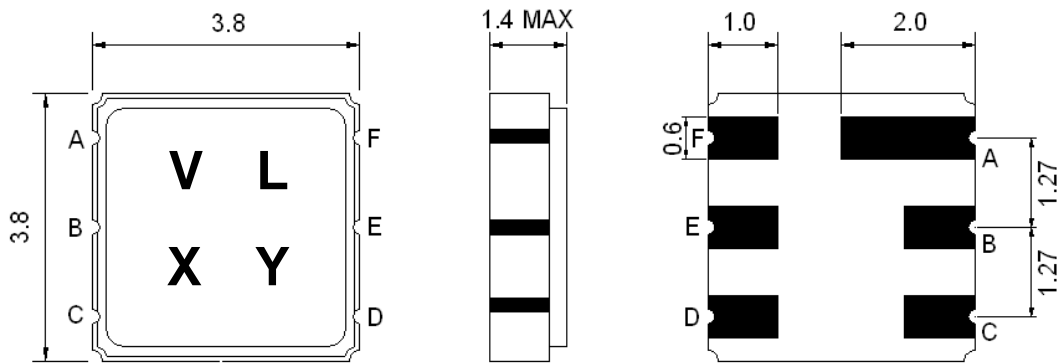
Parameters Description	Unit	Minimum	Typical	Maximum
Operating Temperature Range	°C	-40	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	10
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	P			
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	-	868.0	-
Insertion Loss within 866.0 ~ 870.0 MHz	dB	-	3.3	4.0
Amplitude Ripple within 866.0 ~ 870.0 MHz	dB _{p-p}	-	0.6	1.5
Attenuation:				
Fo-200.0 ~ Fo-22.0 MHz	dB	40	45	-
F0+35.0 ~ Fo+200.0 MHz	dB	45	50	-

Notes : (1)) No Matching Network (Ref. Testing Environment Circuit as shown below).

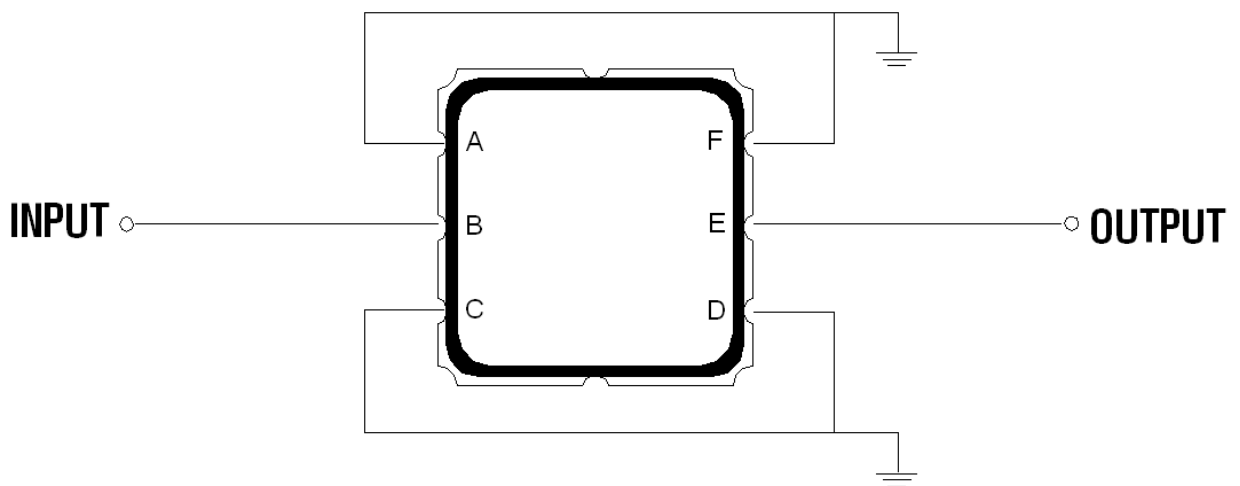
Package Dimensions



Marking Descriptions	
V	Wireless Application
L	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

