



Total Solution Provider in Saw Device

SA935BP

Wireless, RF SAW Filter
Revision 0:



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

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□ Electrical Characteristics

Maximum Ratings

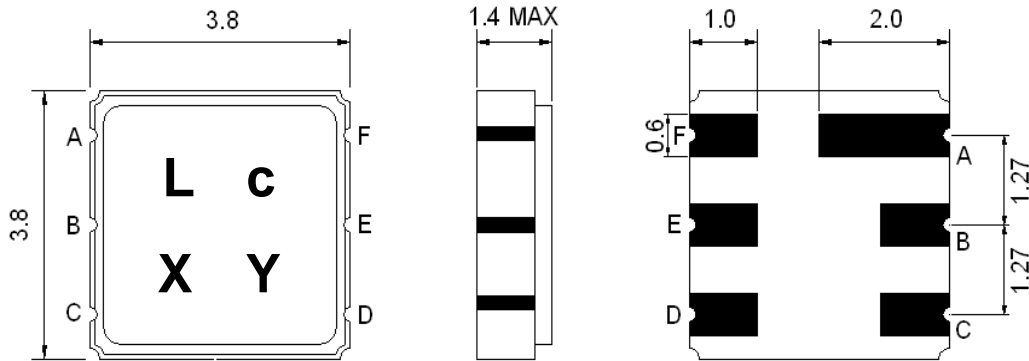
Parameters Description	Unit	Minimum	Typical	Maximum
Operating Temperature Range	°C	-30	-	+65
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	5
Maximum Input Power	dBm	-	-	15
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	P			
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	-	935.5	-
Insertion Loss (929 ~ 942 MHz)	dB	-	2.5	3.0
Amplitude Ripple within 929 ~ 942 MHz	dB _{p-p}	-	0.3	0.8
Attenuation:				
D.C. ~ 875 MHz	dB	50	60	-
875 ~ 895 MHz	dB	48	55	-
978 ~ 1005 MHz	dB	40	44	-
1005 ~ 1500 MHz	dB	50	57	-
VSWR (929 ~ 942 MHz)	-	-	1.45	2.0

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

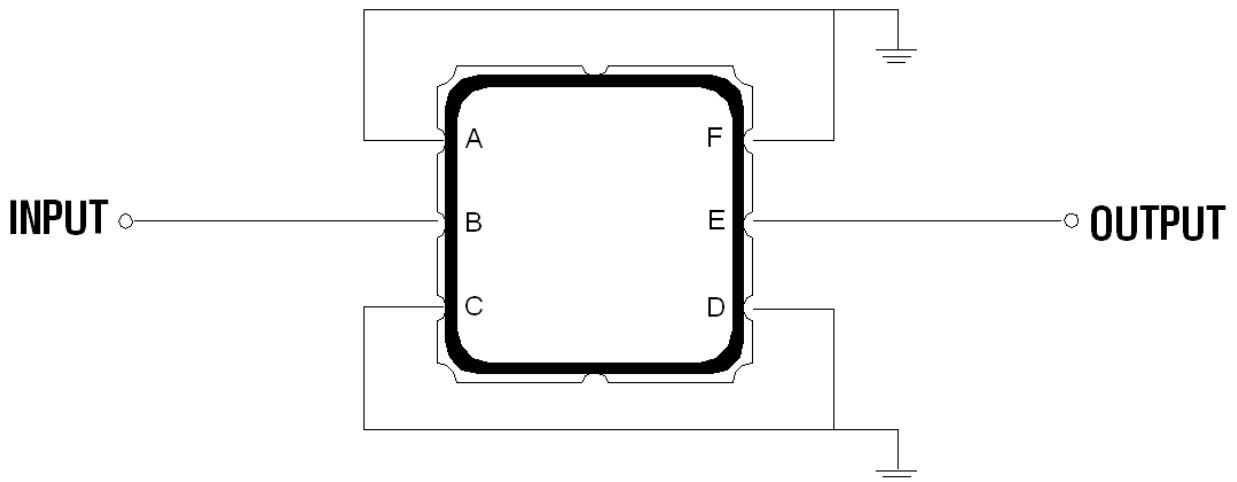
Package Dimensions



Marking Descriptions	
L	Wireless Application
c	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

