



Total Solution Provider in Saw Device

SA416AP

Wireless, RF SAW Filter
Revision 0:



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

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□ Electrical Characteristics

Maximum Ratings

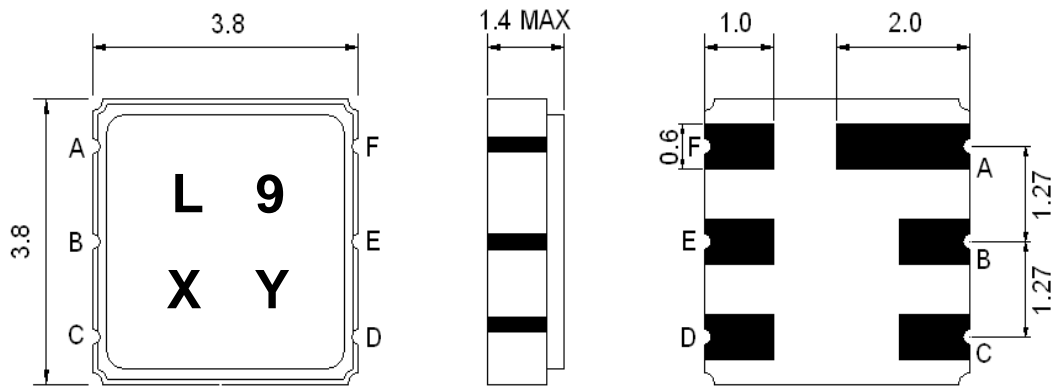
Parameters Description	Unit	Minimum	Typical	Maximum
Operating Temperature Range	°C	-10	-	+50
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	10
Maximum Input Power	dBm	-	-	0
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	P			
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	-	416.0	-
Insertion Loss within 415.0 ~ 417.0 MHz	dB	-	2.7	4.0
Amplitude Ripple within 415.0 ~ 417.0 MHz	dB _{p-p}	-	0.7	1.5
Attenuation:				
Fo-200 ~ Fo-17 MHz	dB	40	52	-
Fo+17 ~ Fo+200 MHz	dB	40	47	-

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

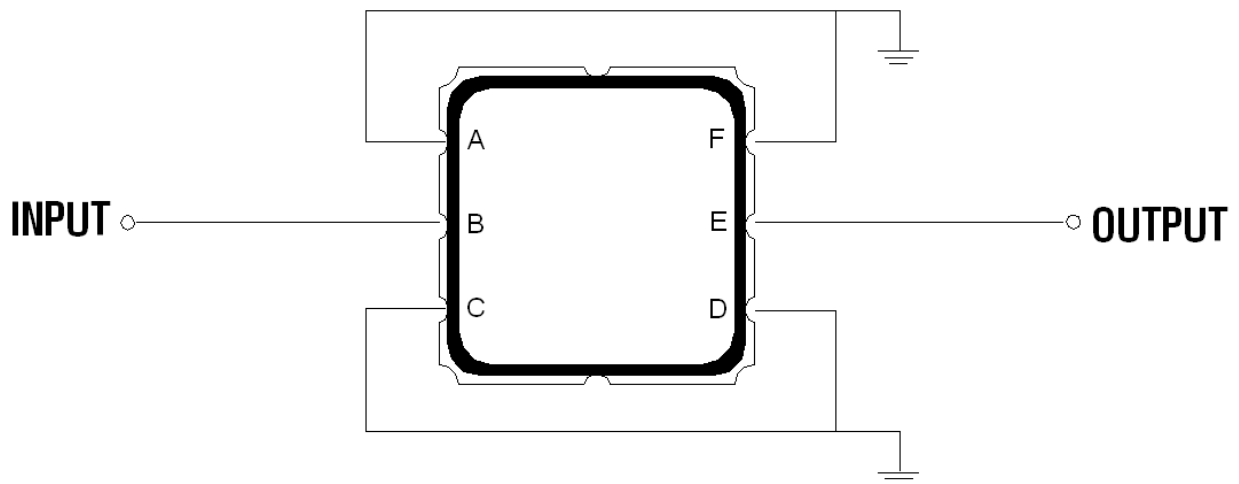
Package Dimensions



Marking Descriptions	
L	Wireless Application
9	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

