



Total Solution Provider in Saw Device

SA370AP

Wireless, RF SAW Filter
Revision 0: December 2011



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

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□ Electrical Characteristics

Maximum Ratings

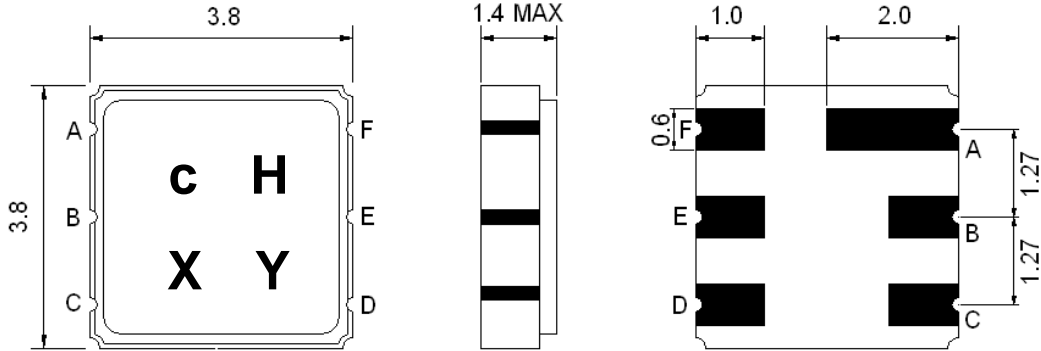
Parameters Description	Unit	Minimum	Typical	Maximum
Operating Temperature Range	°C	-30	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	10
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	P			
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	-	370.0	-
Insertion Loss within 368.0 ~ 372.0 MHz	dB	-	1.8	3.0
Amplitude Ripple within 368.0 ~ 372.0 MHz	dB	-	0.6	1.2
Attenuation				
300.0 ~ 350.0 MHz	dB	40	55	-
430.0 ~ 500.0 MHz	dB	40	49	-

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

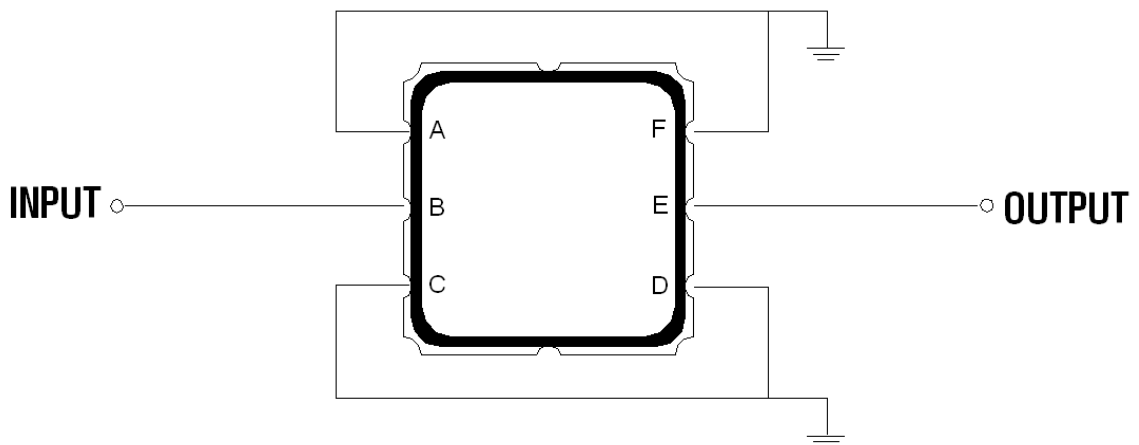
Package Dimensions



Marking Descriptions	
c	Wireless Application
H	Series Number
X	Date Code(Year)
Y	Date Code(Month)

Pin Description	
A, C, D, F	Ground
B	Input
E	Output

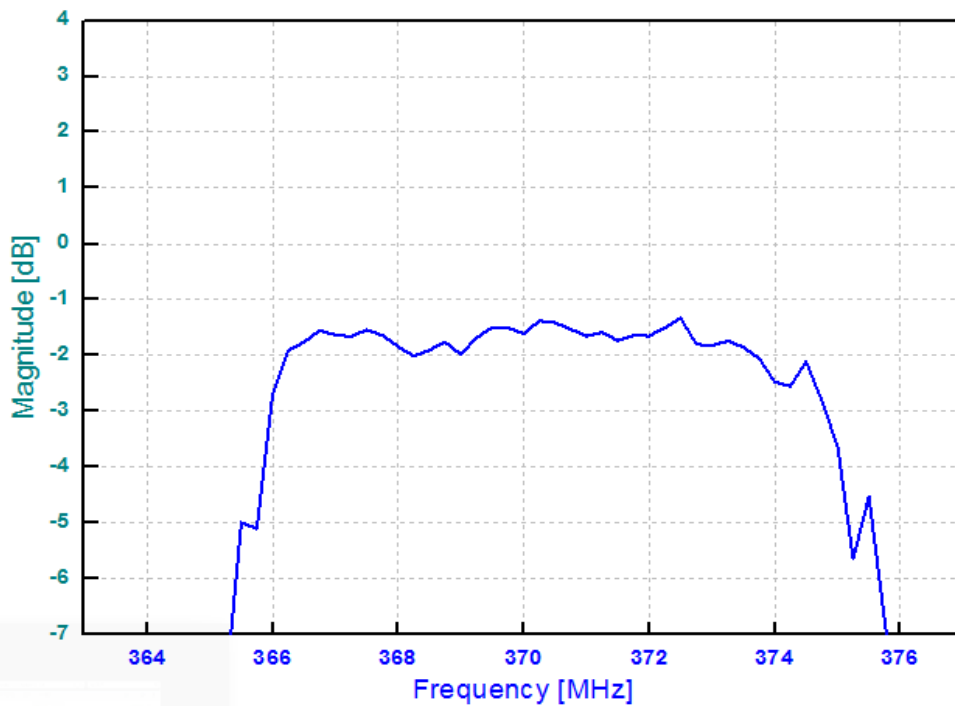
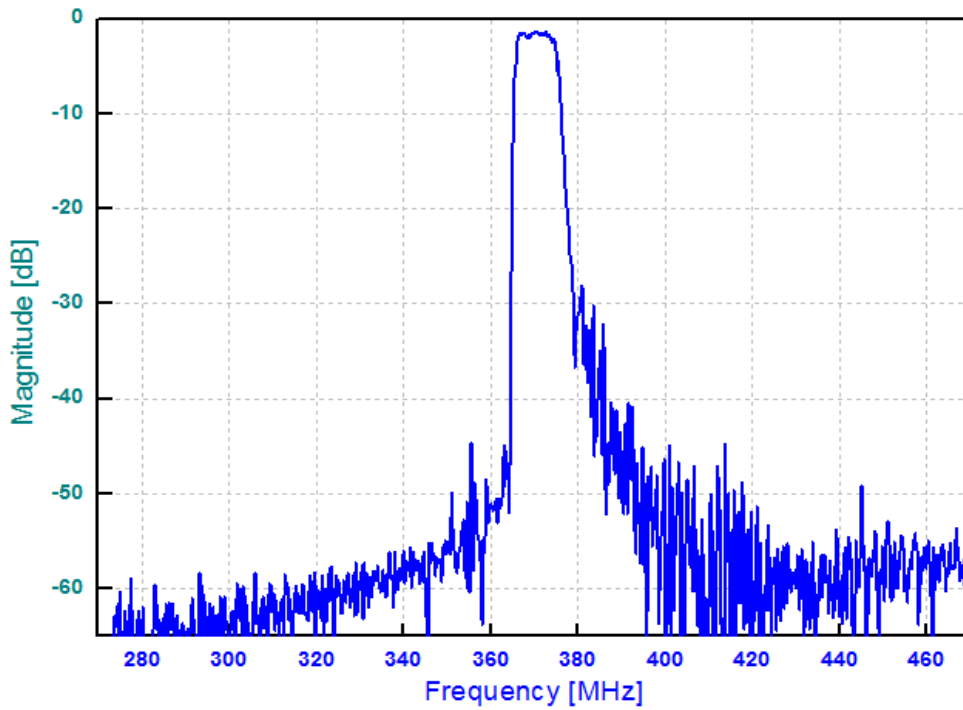
Testing Environment



Source & Load Impedance: 50 Ω

Frequency Characteristics

Frequency Response



Smith Chart

