

- Wireless, RF SAW Filter
- Revision 0: January 2006

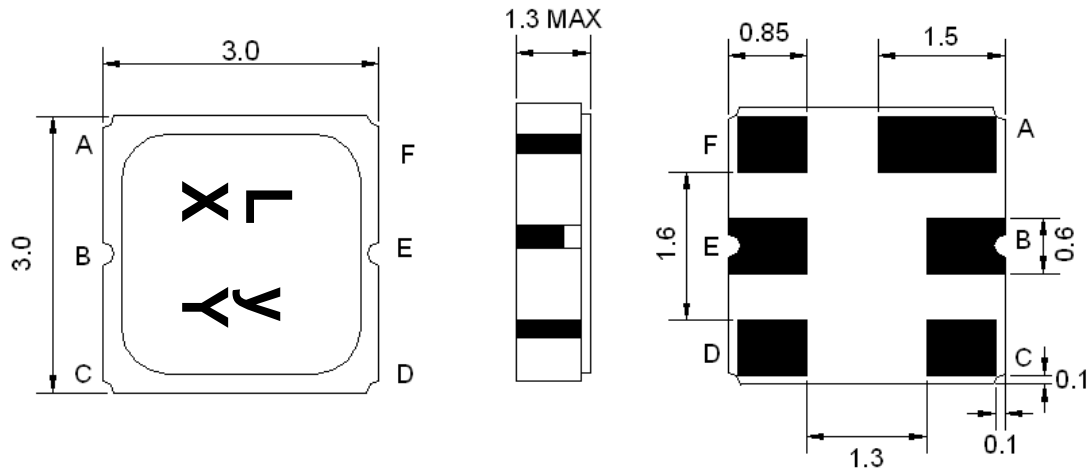
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-10	-	+60
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	3
Maximum Input Power	dBm	-	-	17
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	M			
Length x Width	mm ²	-	3.0 x 3.0	-
Height	mm	-	-	1.3

ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	869	-
Insertion Loss within 868.0 ~ 870.0 MHz	dB	-	2.8	4.0
Amplitude Ripple within 868.0 ~ 870.0 MHz	dB _{p-p}	-	0.2	1.5
Attenuation:				
825.0 ~ 828.0 MHz	dB	40	47	-
835.0 ~ 842.0 MHz	dB	30	39	-
891.0 ~ 894.0 MHz	dB	30	42	-
910.0 ~ 913.0 MHz	dB	40	47	-

Notes: (1) No Matching Network

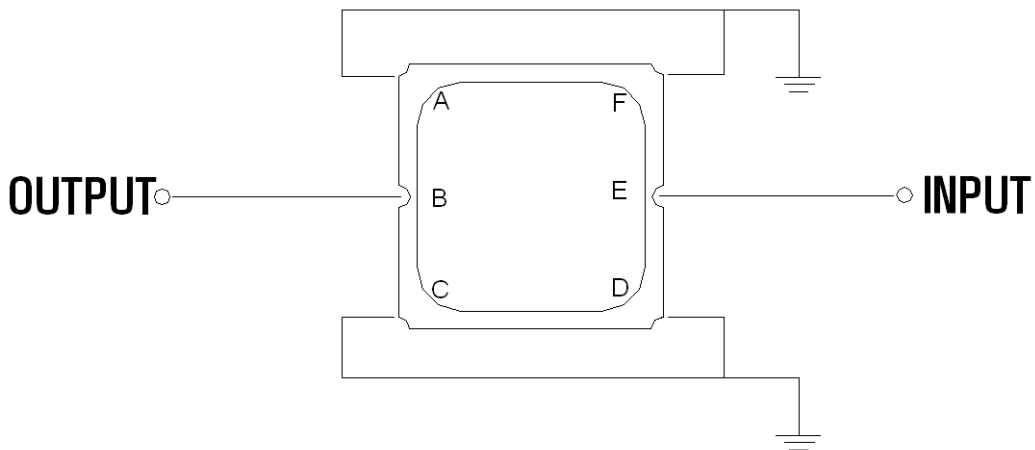
Package Dimensions



Marking Descriptions	
L	Wireless Application
y	Series Number
X	Date Code (Year)
Y	Date Code (Month)

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

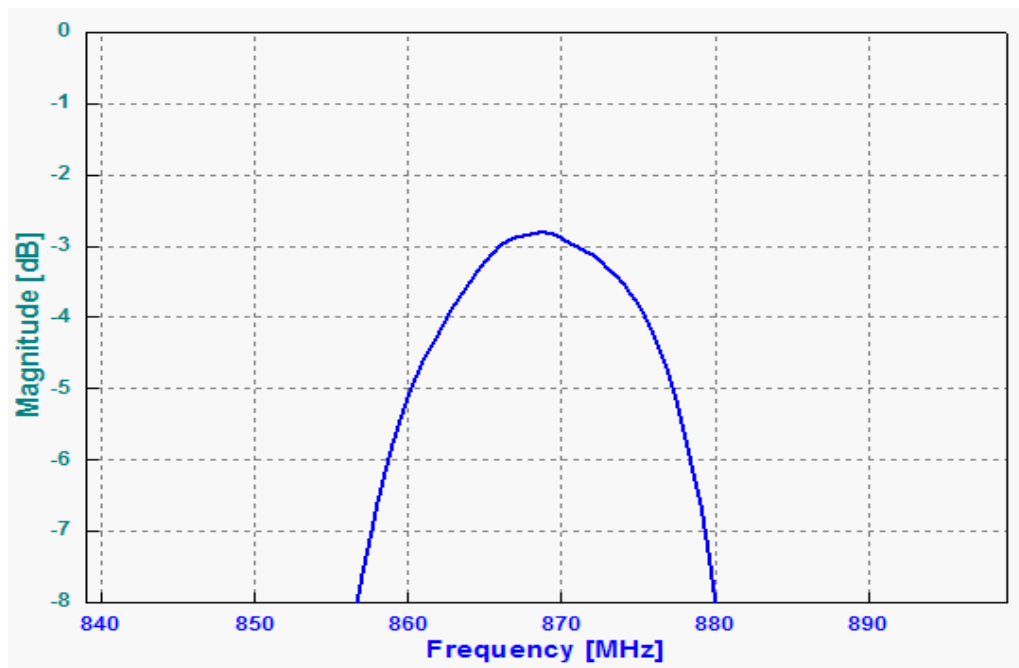
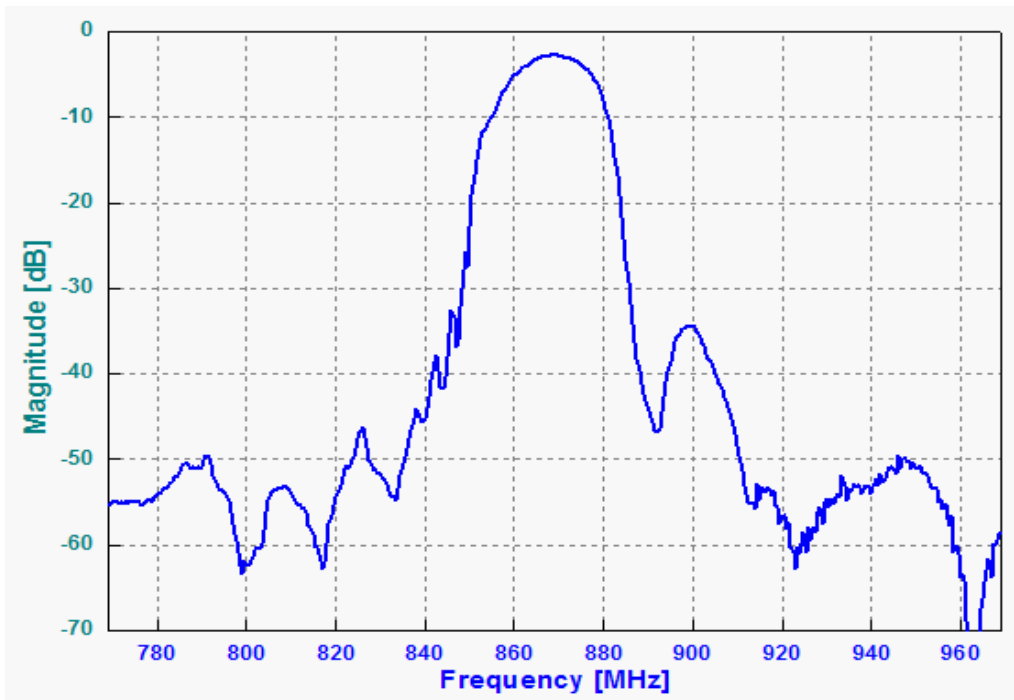
Testing Environment



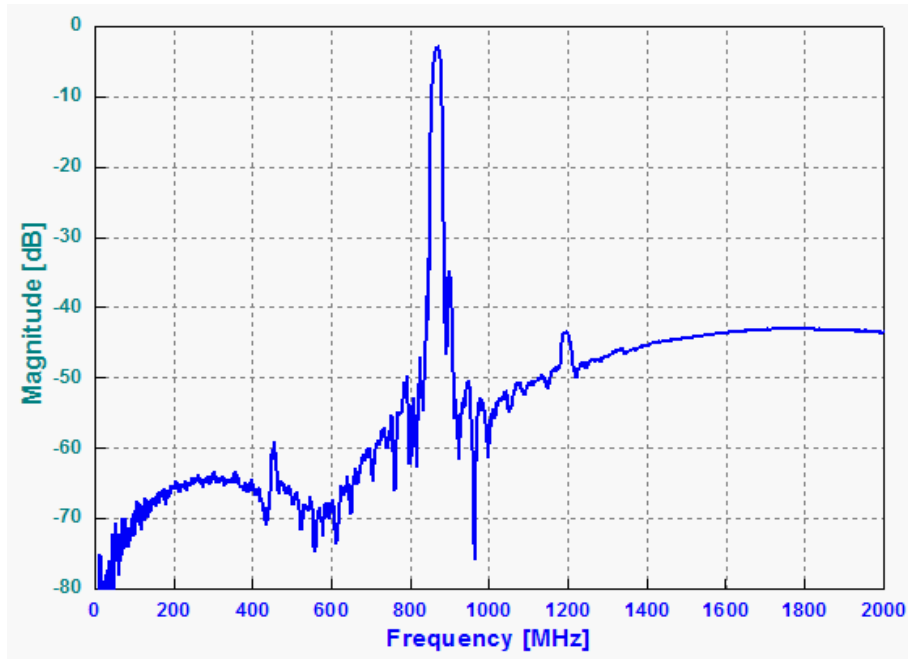
Source & Load Impedance: 50 Ω

Frequency Characteristics

Frequency Response



Wide Band



Smith Chart

