

- Wireless, RF SAW Filter
- Revision 0: July 2012

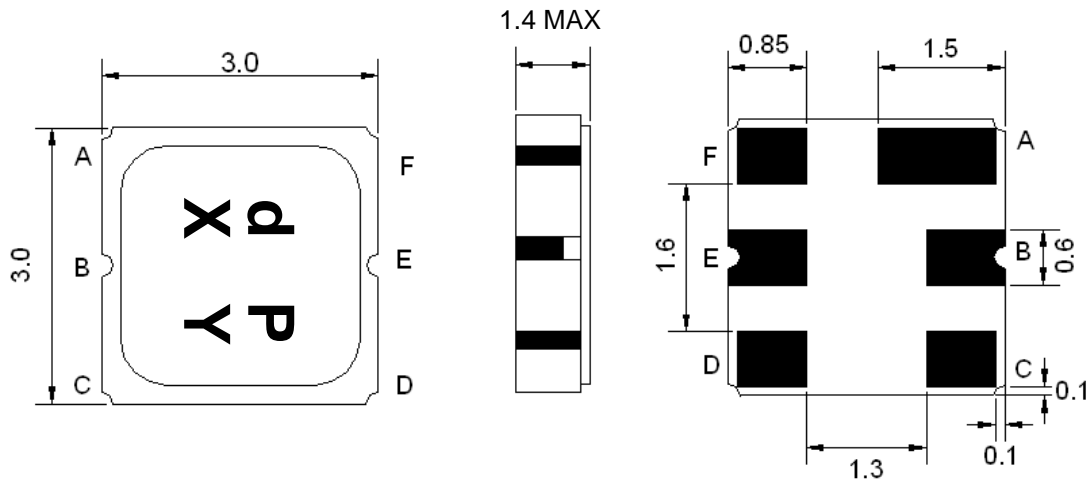
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	0	-	+50
Storage Temperature Range	°C	-30	-	+85
Maximum DC Voltage	V	-	-	3
Maximum Input Power	dBm	-	-	10
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	-	-	1.4

ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	675.0	-
Insertion Loss at Center Frequency (ILc)	dB	-	1.6	2.2
Attenuation (Reference level from ILc):				
608.0 ~ 614.0 MHz	dB	20	60	-
736.0 ~ 742.0 MHz	dB	20	65	-
1283.0 ~ 1289.0 MHz	dB	45	58	-
1411.0 ~ 1417.0 MHz	dB	45	55	-
1958.0 ~ 1964.0 MHz	dB	35	44	-
2086.0 ~ 2092.0 MHz	dB	33	40	-
VSWR at Center Frequency	-	-	1.3	2.0

Notes: (1) No Matching Network.

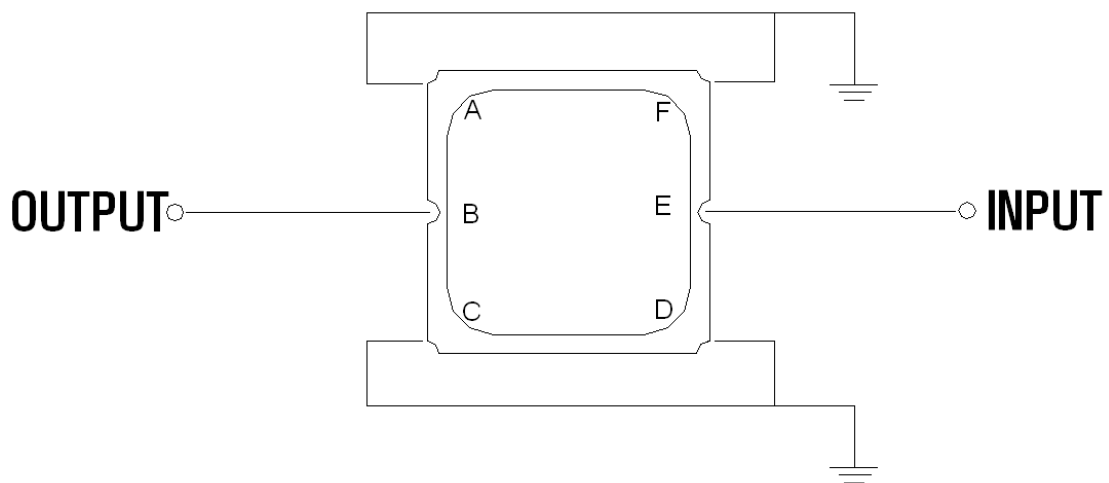
Package Dimensions



Marking Descriptions	
d	Wireless Application
P	Series Number
X	Date Code (Year)
Y	Date Code (Month)

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

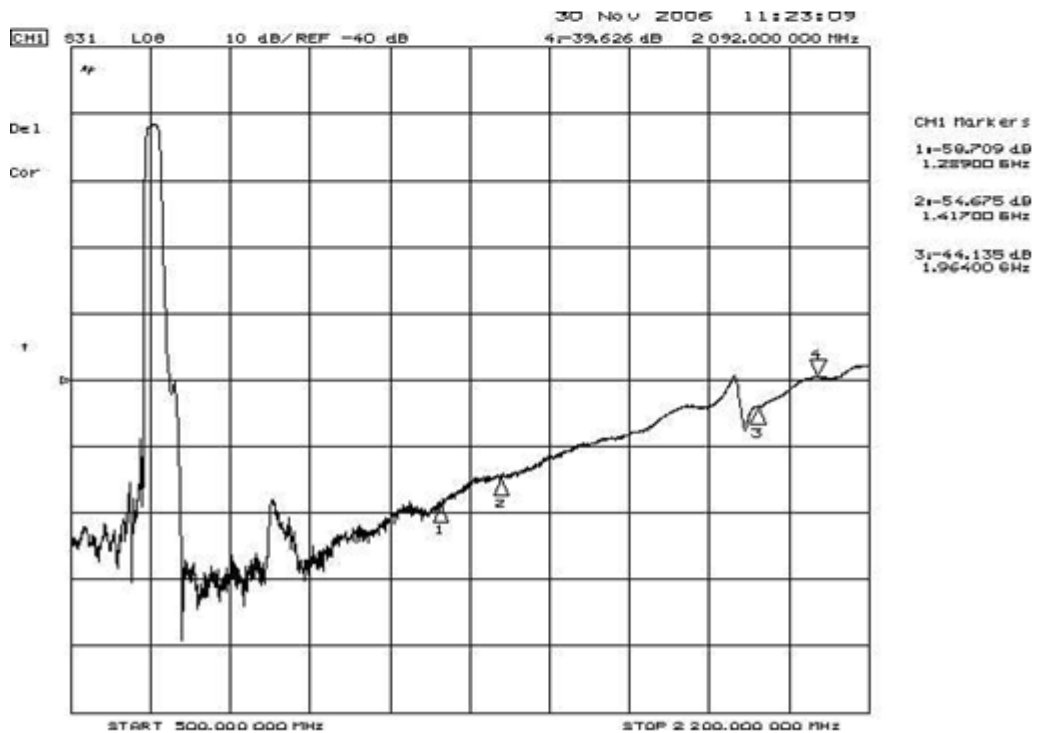
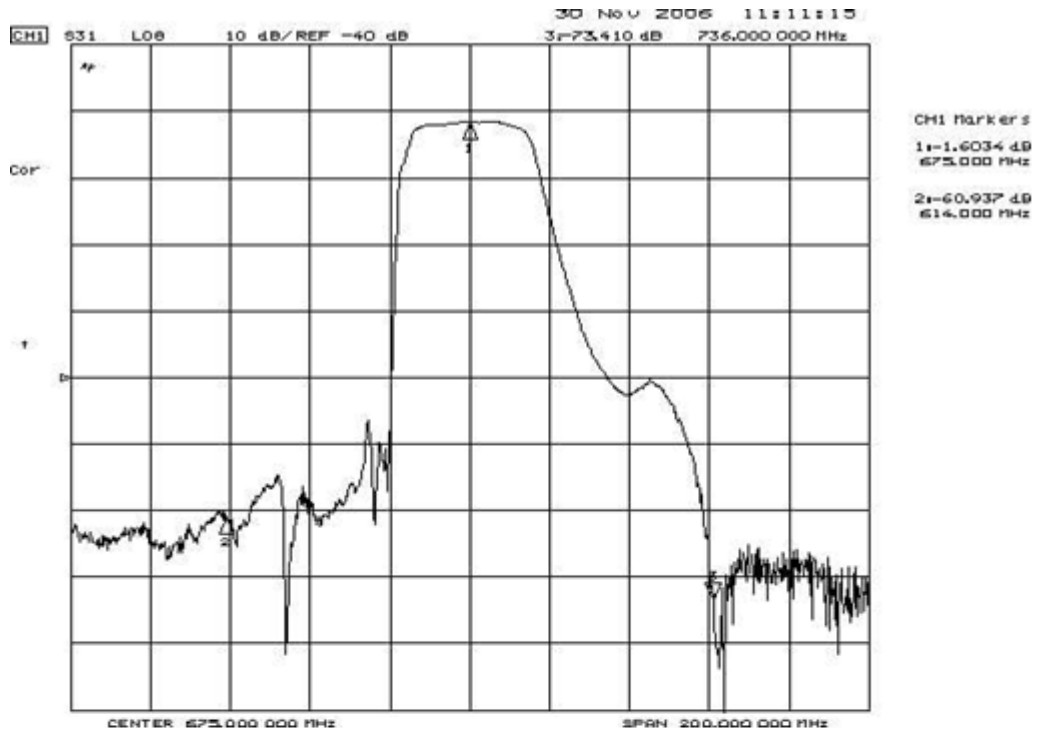
Testing Environment



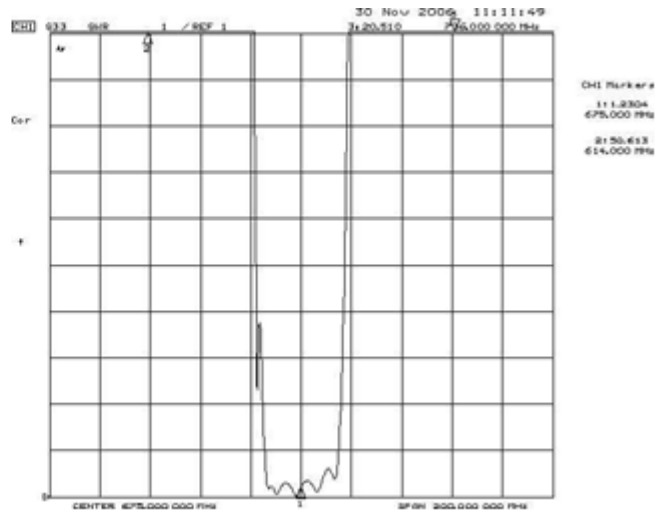
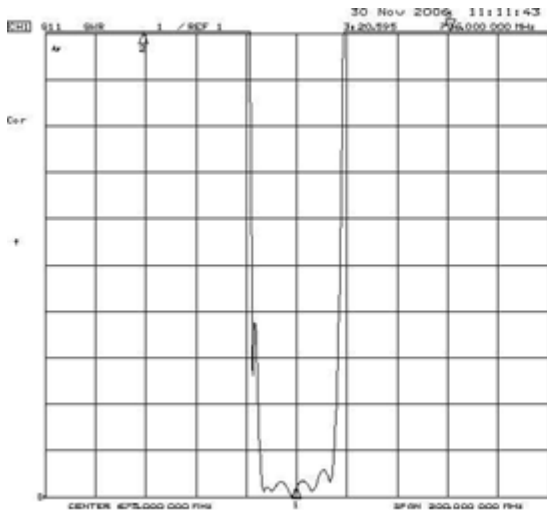
Source & Load Impedance: 50 Ω

Frequency Characteristics

Frequency Response



VSWR



Smith Chart

