

- Wireless, RF SAW Filter
- Revision 0: March 2010

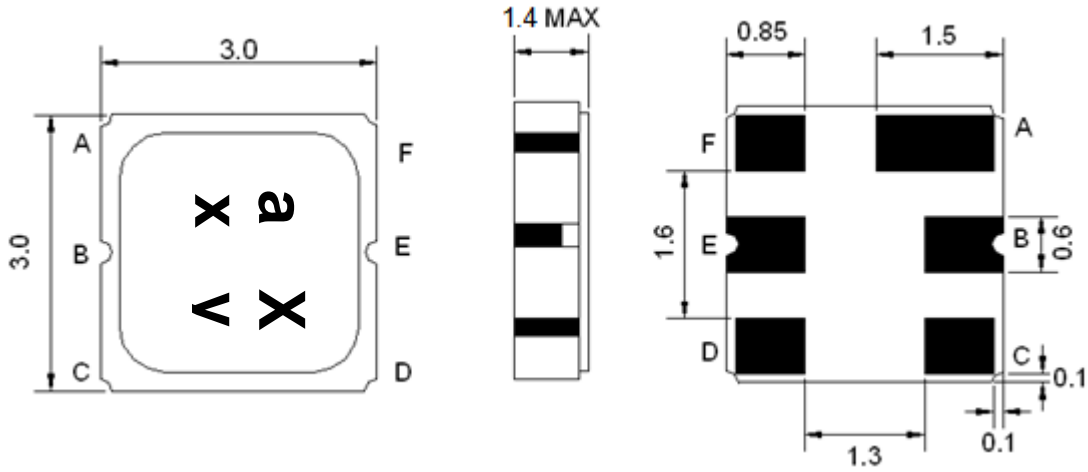
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-25	-	+75
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	-	847.0	-
Insertion Loss within 832.0 ~ 862.0 MHz	dB	-	2.8	4.5
Amplitude Ripple within 832.0 ~ 862.0 MHz	dB _{p-p}	-	1.2	3.0
Attenuation:				
D.C ~ 800.0 MHz	dB	45	55	-
800.0 ~ 815.0 MHz	dB	30	45	-
815.0 ~ 821.0 MHz	dB	10	30	-
895.0 ~ 940.0 MHz	dB	30	37	-
940.0 ~ 1500.0 MHz	dB	45	58	-
1500.0 ~ 2000.0 MHz	dB	35	45	-
VSWR within 832.0 ~ 862.0 MHz	-	-	1.6	2.5

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

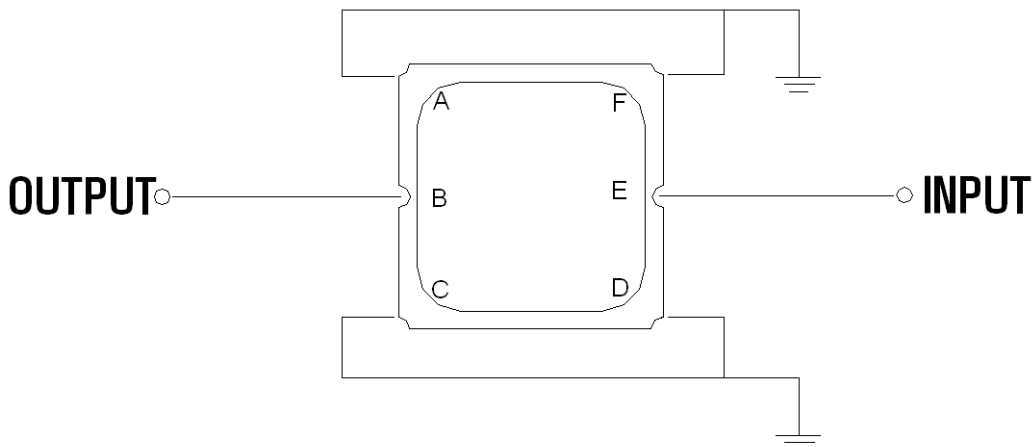
Package Dimensions



Marking Descriptions	
a	Wireless Application
X	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

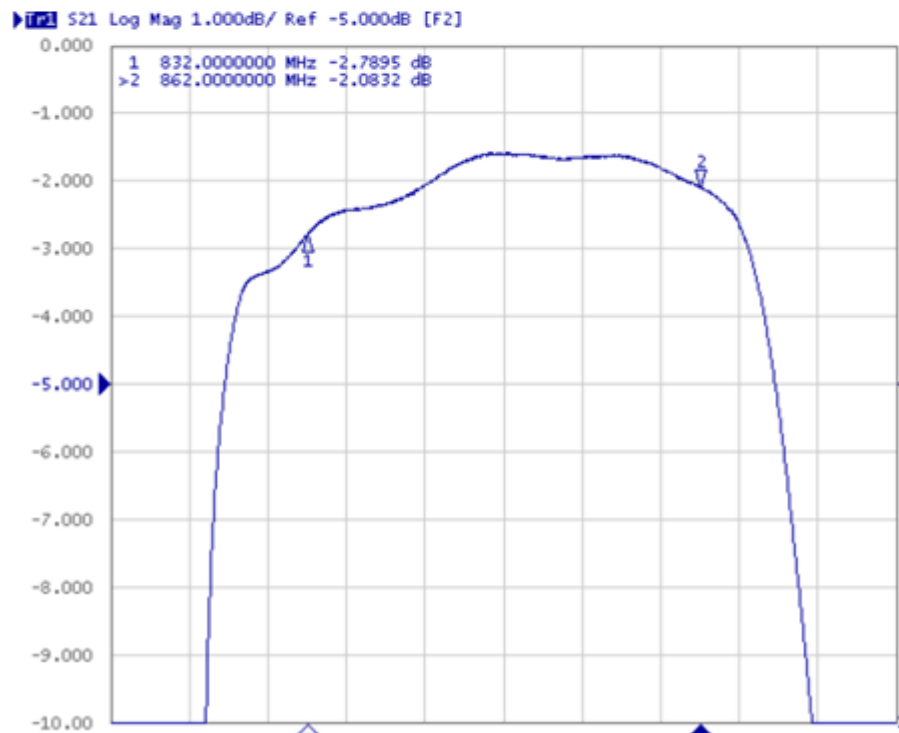
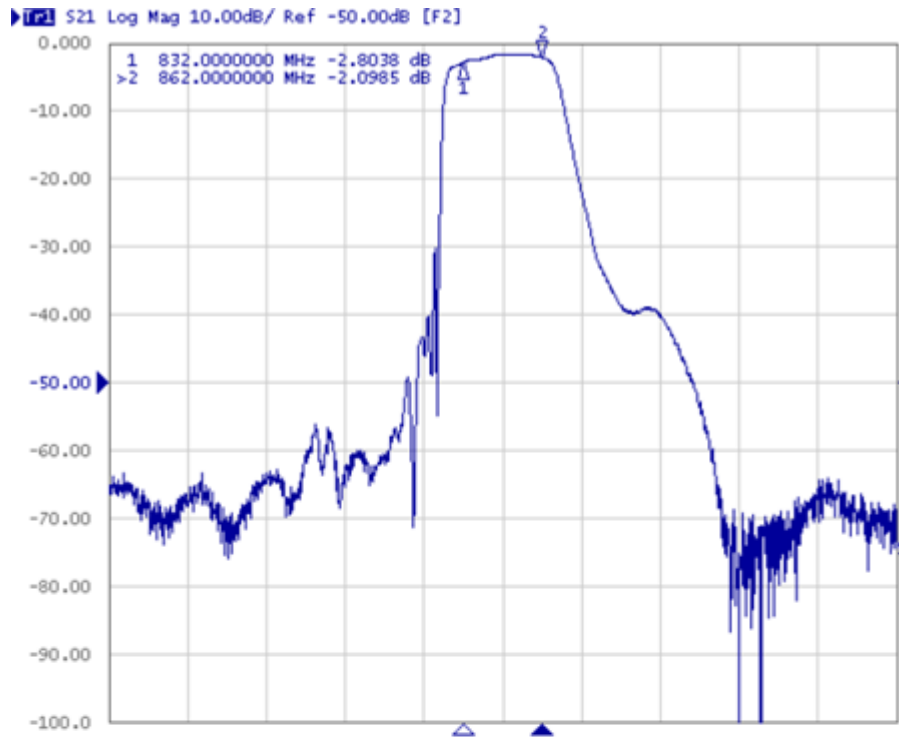
Testing Environment

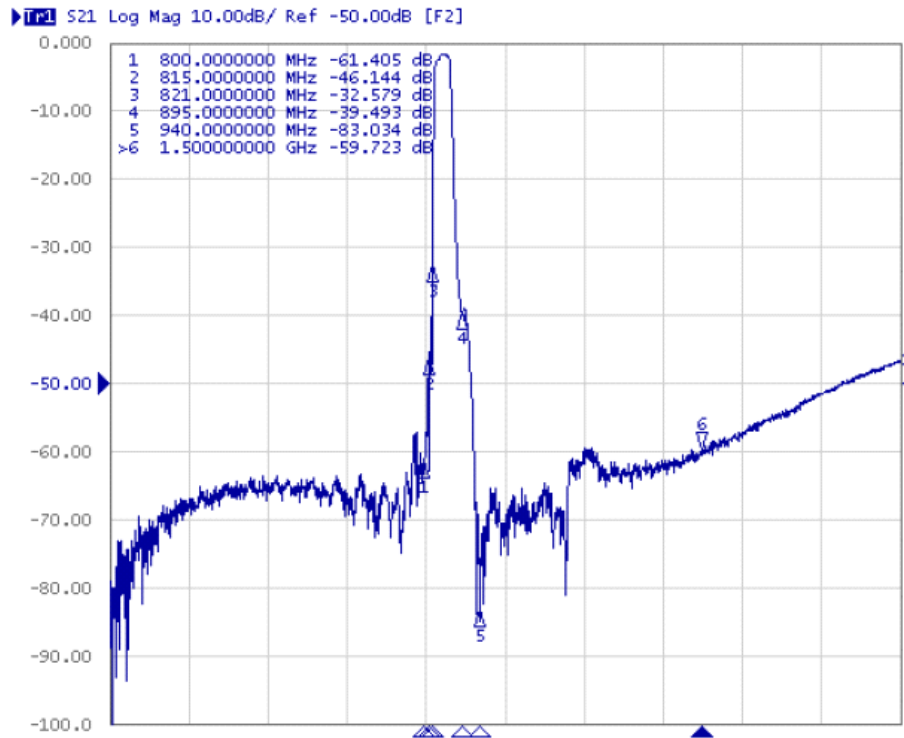


Source & Load Impedance: 50 Ω

Frequency Characteristics

Frequency Response





VSWR

