

- Wireless, RF SAW Filter
- Revision 0: October 2008

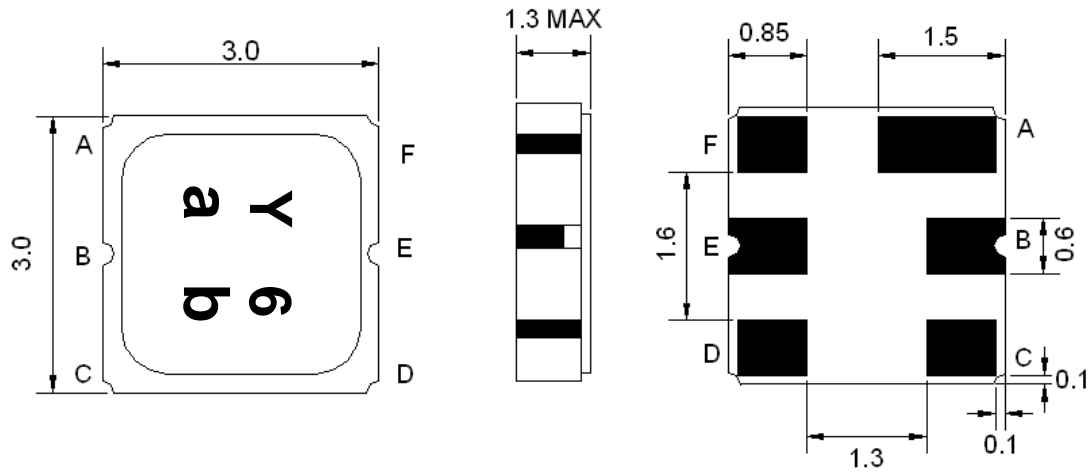
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-40	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	15
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	-	433.92	-
Insertion Loss within 433.05 ~ 434.79 MHz	dB	-	2.5	3.0
Amplitude Ripple within 433.05 ~ 434.79MHz	dB _{p-p}	-	0.5	1.0
Attenuation:				
389.0 ~ 392.0 MHz	dB	50	60	-
411.0 ~ 414.0 MHz	dB	45	52	-
422.0 ~ 425.0 MHz	dB	35	45	-
443.0 ~ 446.0 MHz	dB	15	18	-
454.0 ~ 457.0 MHz	dB	35	48	-
475.0 ~ 479.0 MHz	dB	45	55	-
VSWR within 433.05 ~ 434.79 MHz	-	-	1.4	2.0

Notes : (1) No Matching Network .

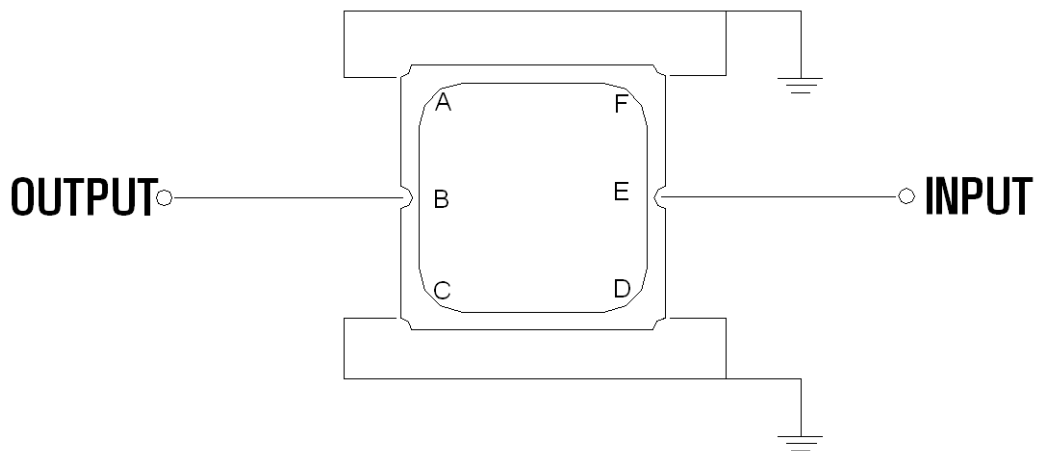
Package Dimensions



Marking Descriptions	
Y	Wireless Application
6	Series Number
a	Date Code (Year)
b	Date Code (Month)

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

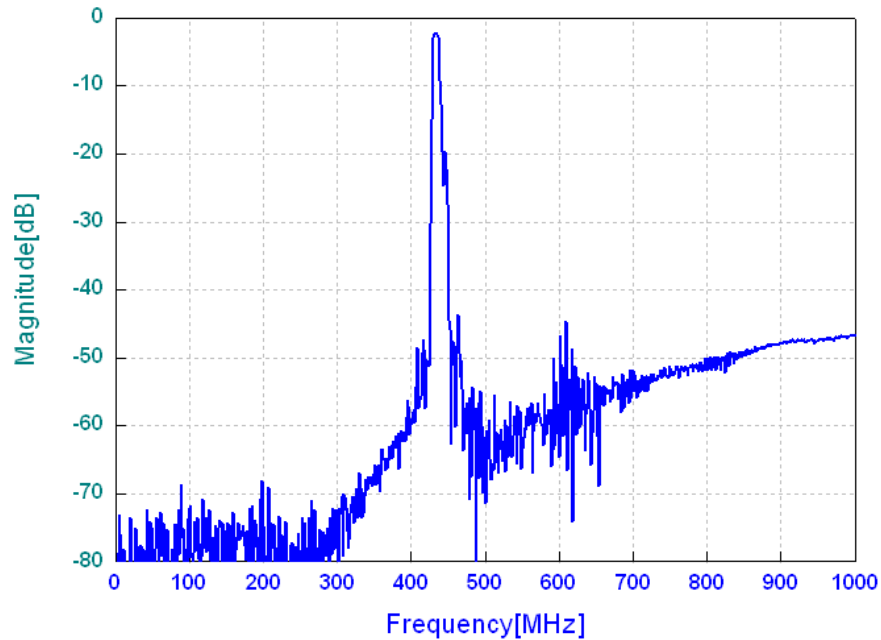
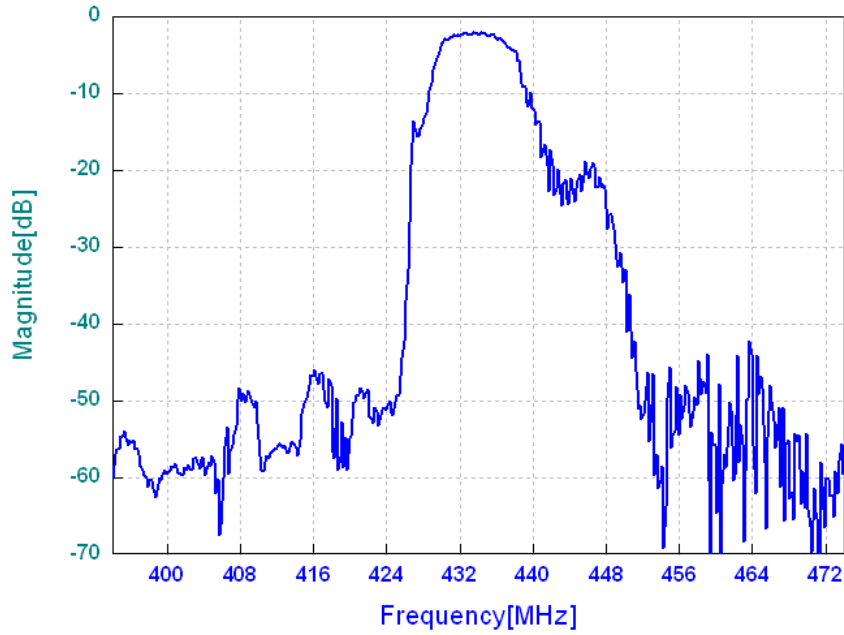
Testing Environment



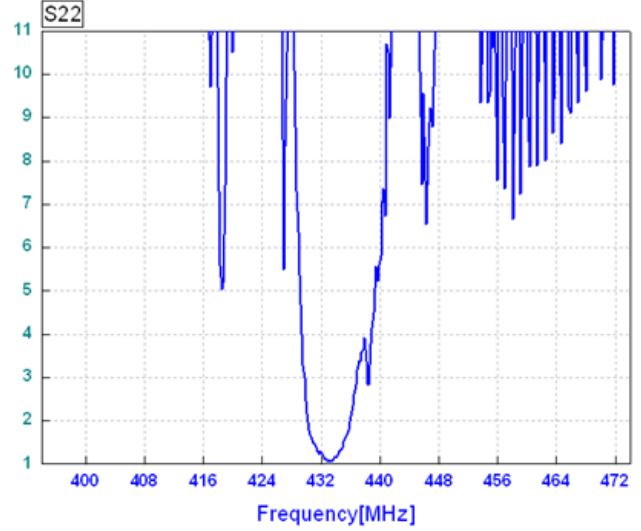
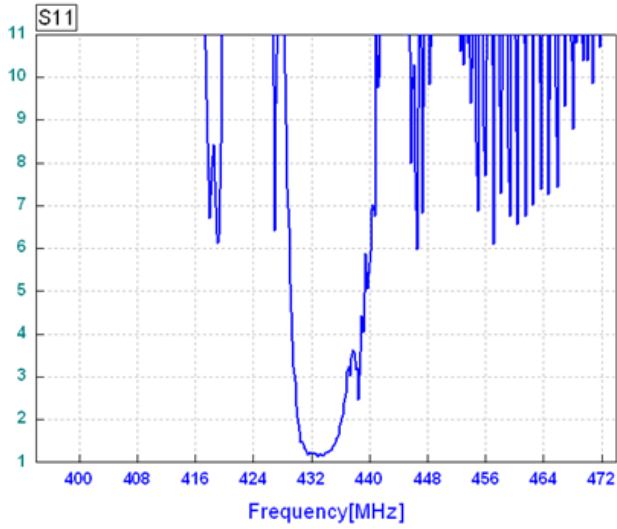
Source & Load Impedance: 50 Ω

Frequency Characteristics

Frequency Response



VSWR



Smith Chart

