

- Wireless, RF SAW Filter
- Revision 0: January 2009

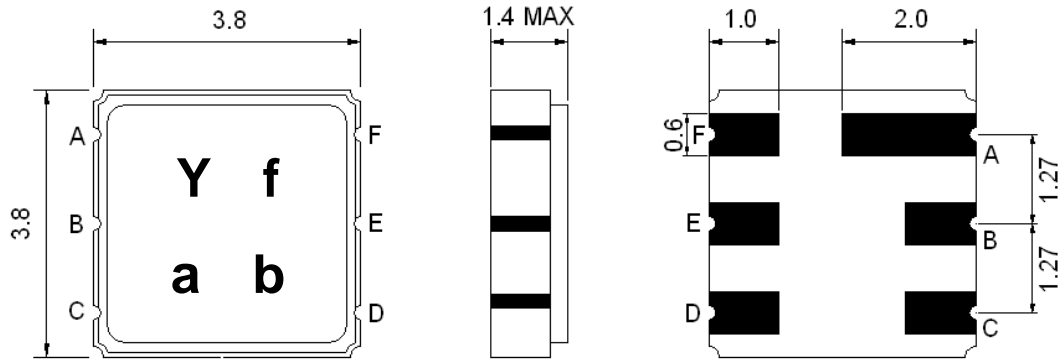
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	-
Average Input Power	dBm	-	28	-
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	-	382.5	-
Insertion Loss within 380.0 ~ 385.0 MHz	dB	-	2.0	3.5
Amplitude Ripple within 380.0 ~ 385.0 MHz	dB _{p-p}	-	0.6	1.0
Attenuation:				
0.3MHz ~ 310.0MHz	dB	45	55	-
310.0MHz ~ 315.0MHz	dB	40	55	-
315.0MHz ~ 370.0MHz	dB	40	50	-
390.0MHz ~ 395.0MHz	dB	15	20	-
395.0MHz ~ 450.0MHz	dB	15	20	-
450.0MHz ~ 455.0MHz	dB	40	50	-
455.0MHz ~ 2000.0MHz	dB	28	33	-
VSWR within 380.0 ~ 385.0 MHz	-	-	1.4	2.0

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

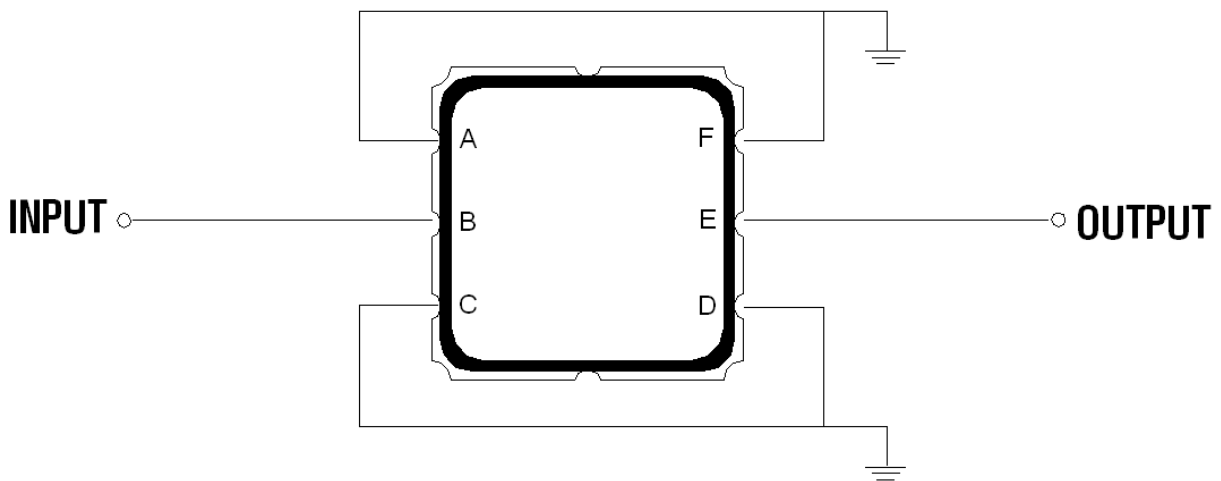
Package Dimensions



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

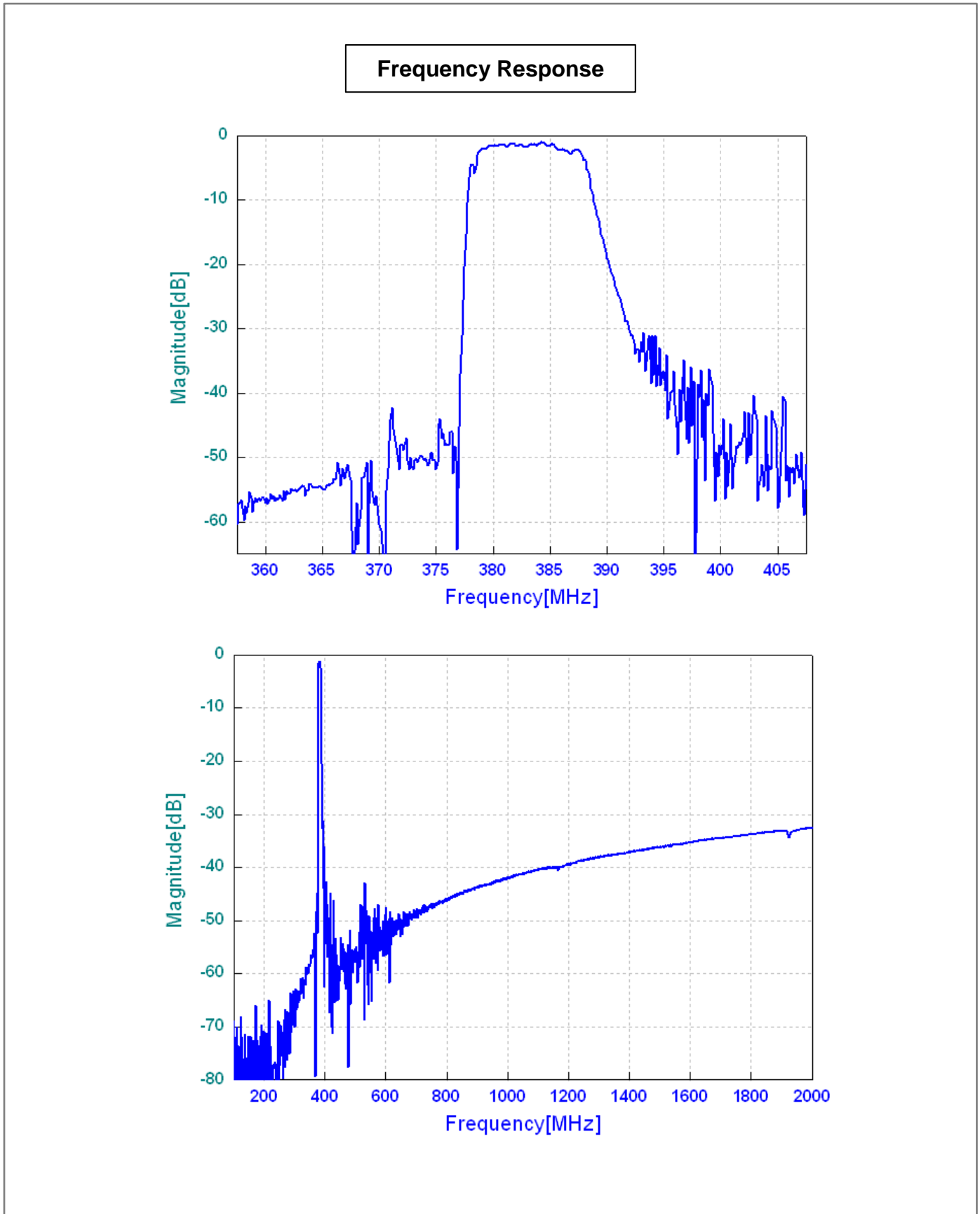
Pin Description	
A, C, D, F	Ground
B	In or Out
E	Out or In

Testing Environment

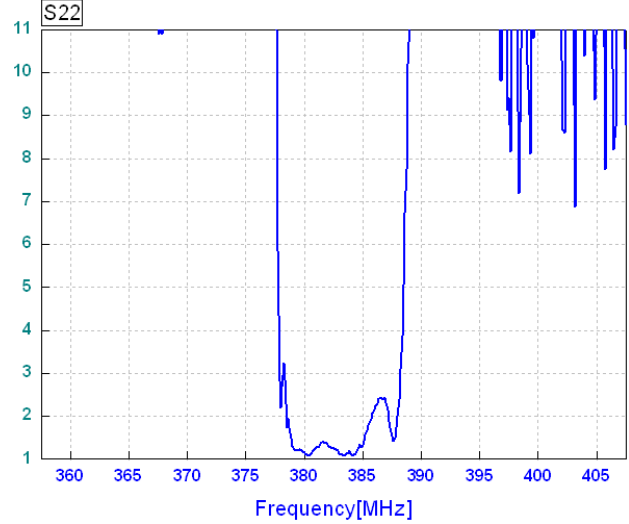
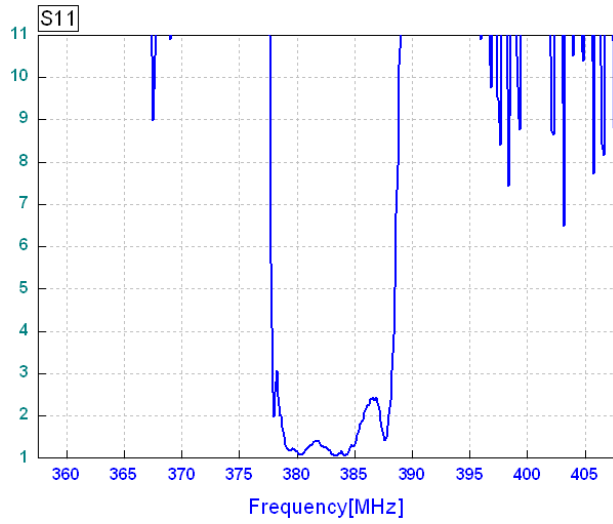


Source & Load Impedance: 50 Ω

Frequency Characteristics



VSWR



Smith Chart

