

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

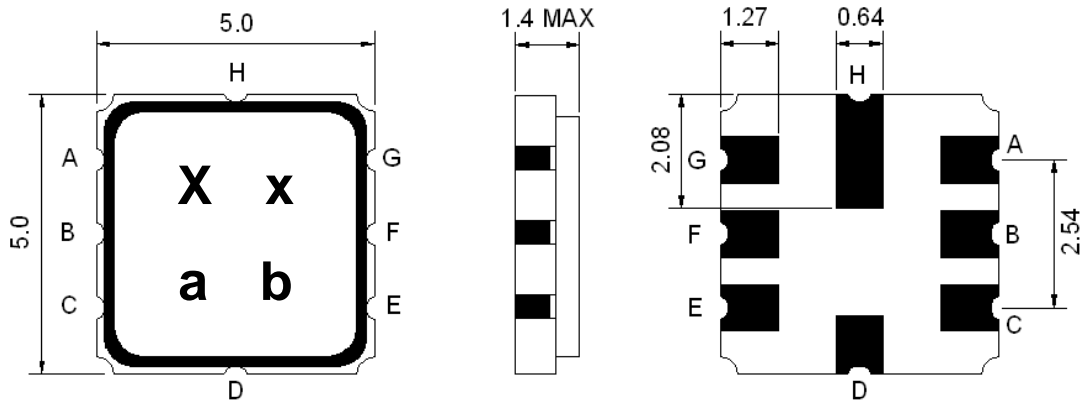
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+80
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	13
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	K			
Length x Width	mm ²	-	5.0 x 5.0	-
Height	mm	-	-	1.4

ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	173.15	-
Insertion Loss within 173.025~173.275 MHz	dB	-	1.6	2.5
Amplitude Ripple within 173.025~173.275 MHz	dB _{p-p}	-	0.2	1.0
Return Loss within 173.025~173.275 MHz	dB	10	13	-
Stop Band Attenuation:				
D.C ~ 163.0 MHz	dB	45	58	-
163.0 ~ 165.0 MHz	dB	40	55	-
165.0 ~ 170.15 MHz	dB	30	40	-
177.15 ~ 182.0 MHz	dB	35	45	-
182.0 ~ 400.0 MHz	dB	35	40	-

Notes : (1) No Matching Network .

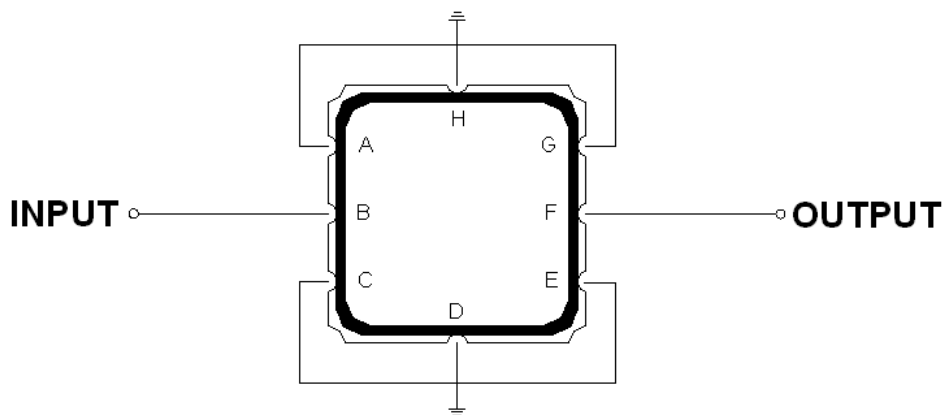
Package Dimensions



Marking Descriptions	
X	Wireless Application
x	Series Number
a	Date Code (Year)
b	Date Code (Month)

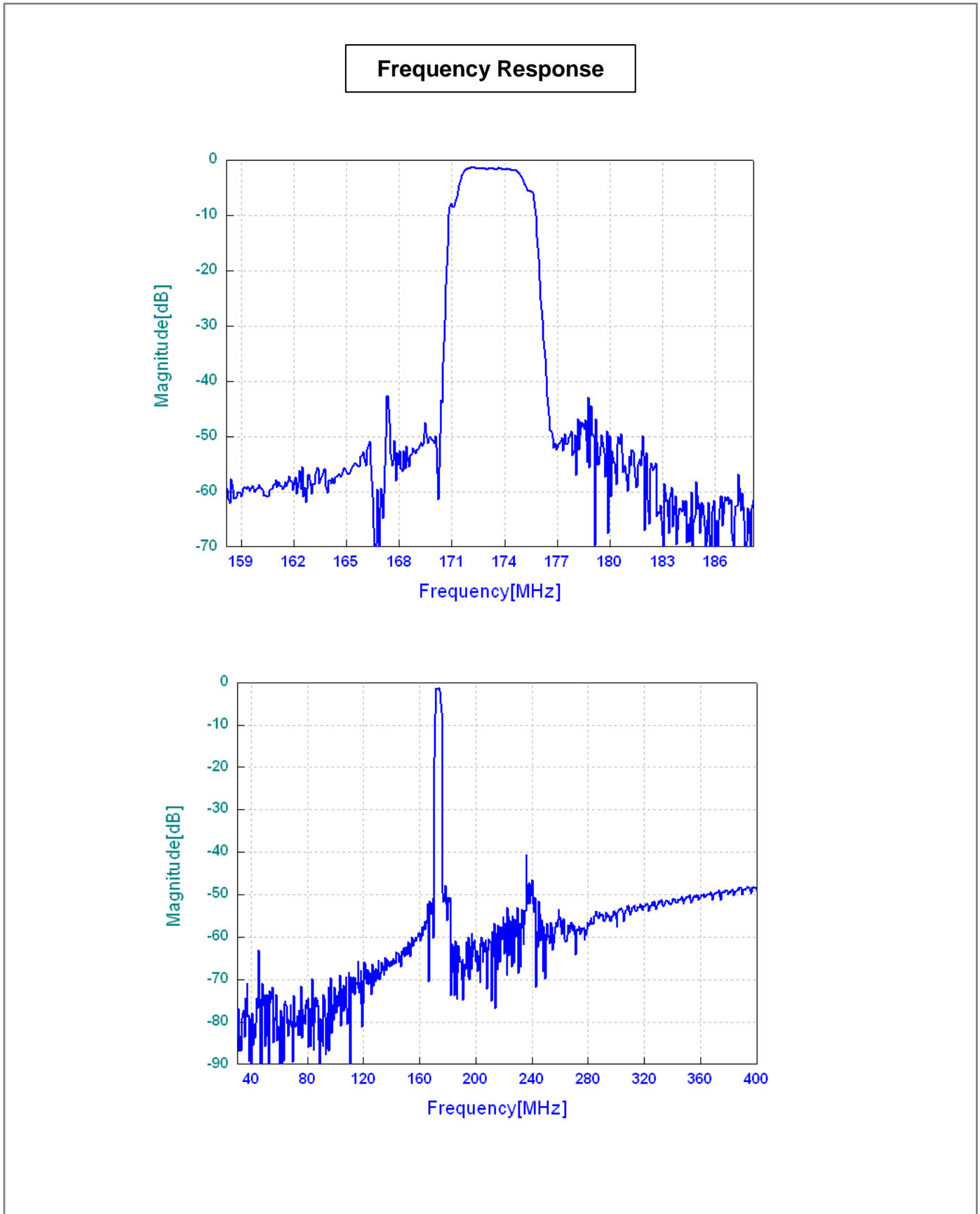
Pin Description	
A, C, D, E, G, H	Ground
B	In
F	Out

Testing Environment

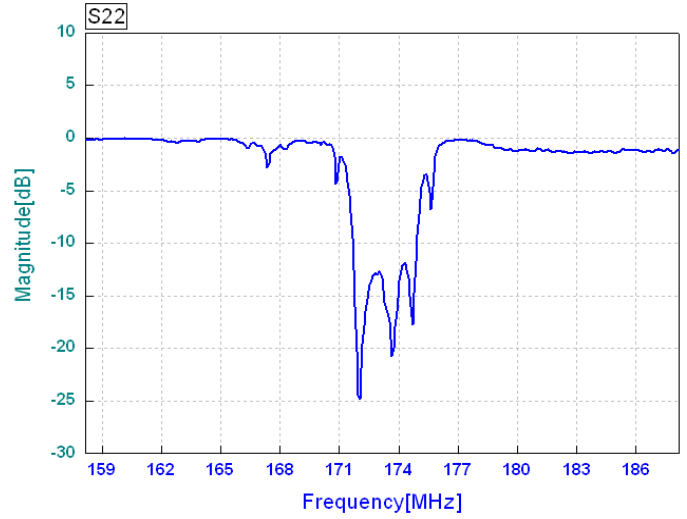
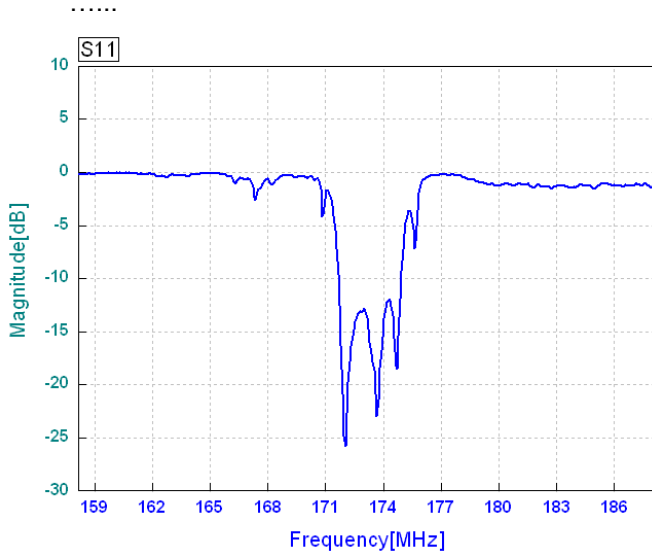


Source & Load Impedance: 50 Ω

Frequency Characteristics



Return Loss



Smith Chart

