

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

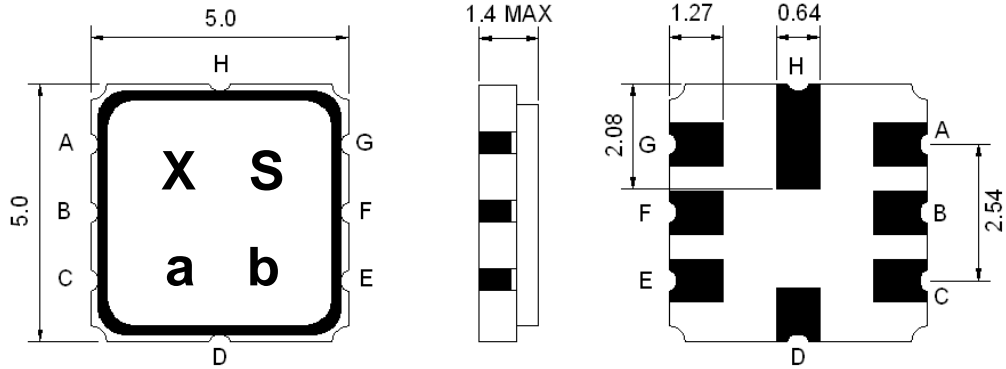
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-20	-	+55
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	3
Maximum Input Power	dBm	-	-	25
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	-	257.5	-
Insertion Loss within 255.0 ~ 260.0 MHz	dB	-	2.3	3.5
Stop Band Attenuation:				
10.0 ~ 252.0 MHz	dB	25	30	-
263.0 ~ 266.0 MHz	dB	25	32	-
266.0 ~ 271.0 MHz	dB	30	40	-
271.0 ~ 300.0 MHz	dB	25	35	-
300.0 ~ 1000.0 MHz	dB	25	30	-
VSWR within 255.0 ~ 260.0 MHz	-	-	1.8	2.2

Notes : (1) No Matching Network

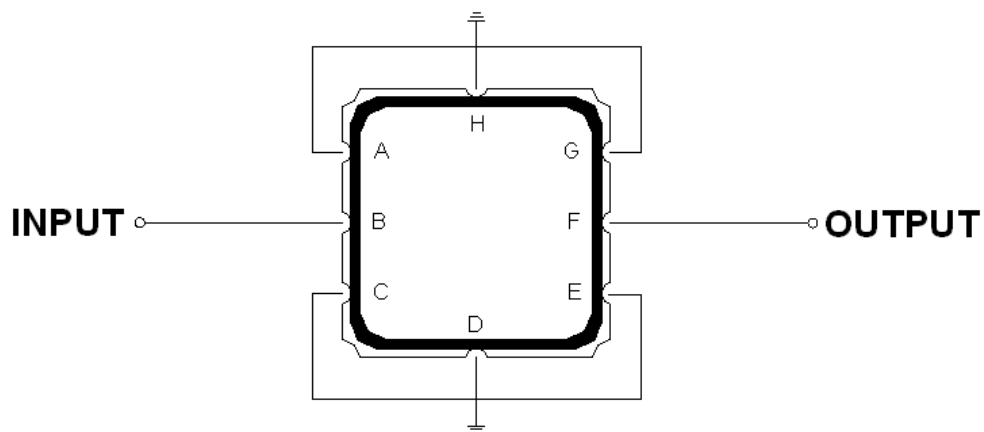
Package Dimensions



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

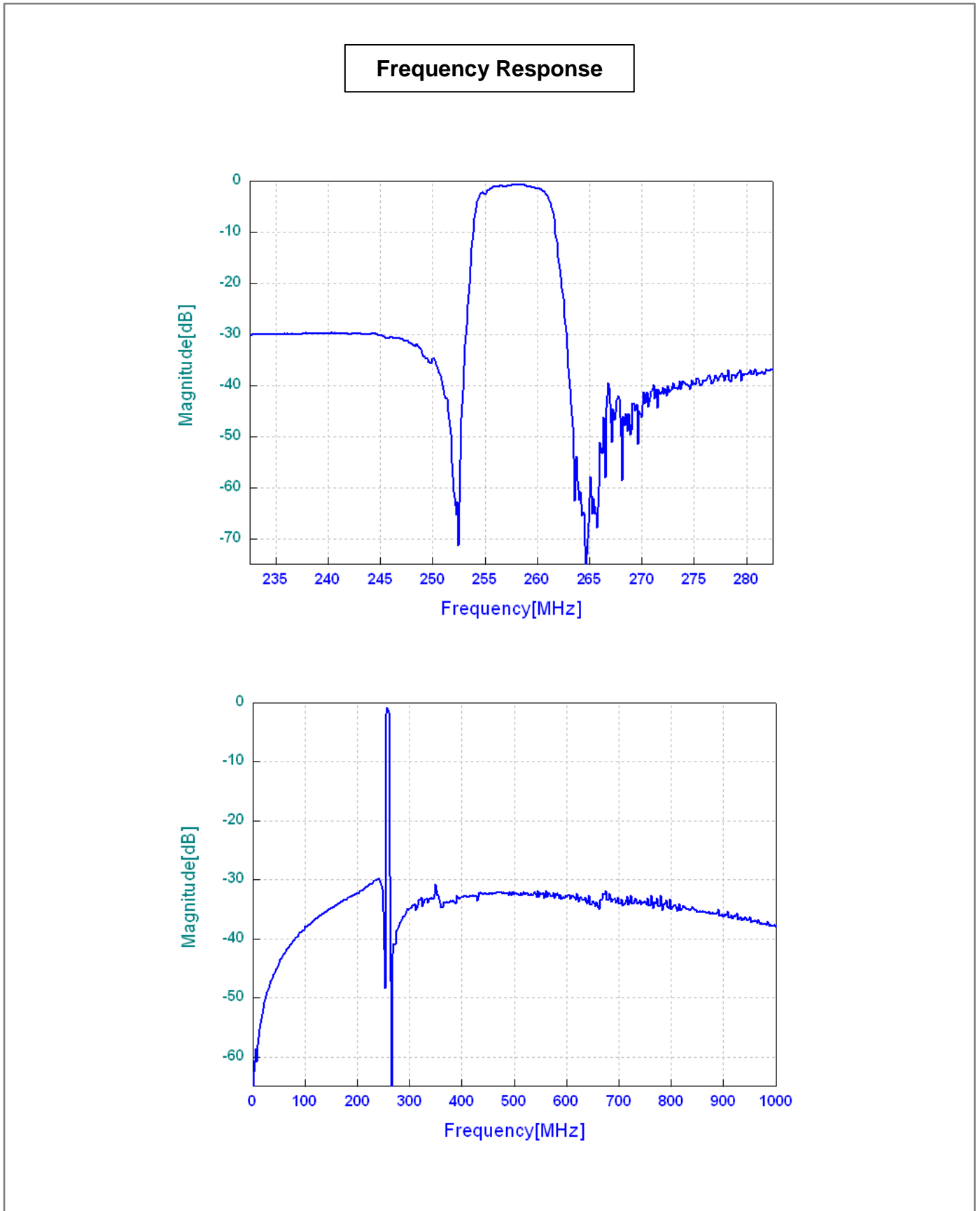
Pin Description	
A, C, D, E, G, H	Ground
B	In
F	Out

Testing Environment

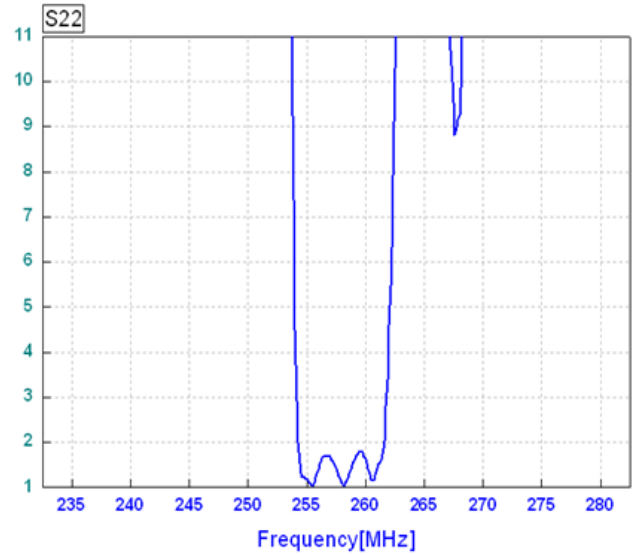
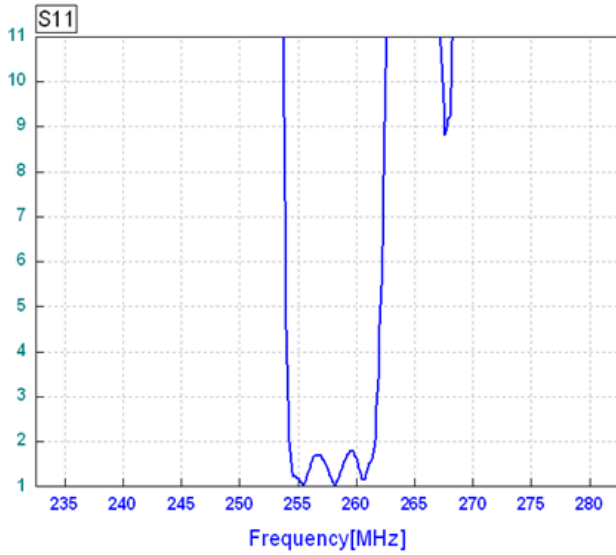


Source & Load Impedance: 50 Ω

Frequency Characteristics



VSWR



Smith Chart

