

- Wireless, Balanced RF SAW Filter
- Revision 0: March 2012

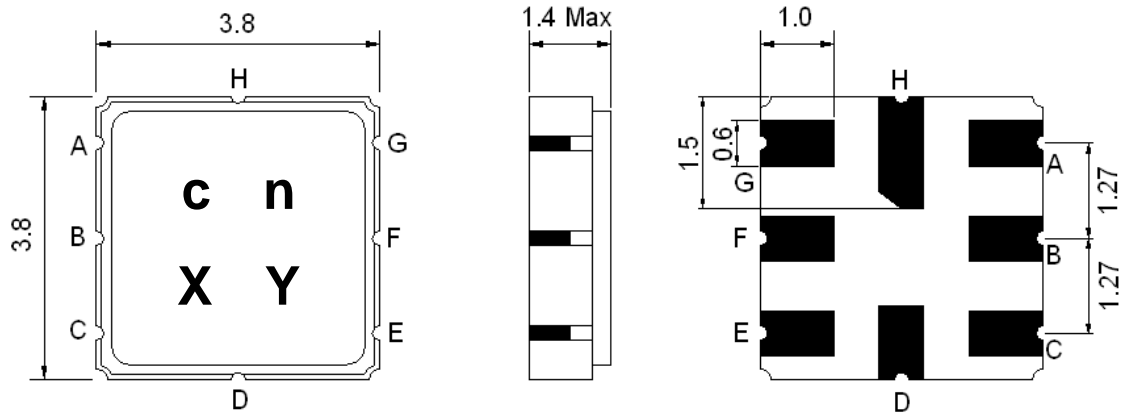
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	+32	-	+42
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	3
Maximum Input Power	dBm	-	-	10
Source Impedance (Balanced) ⁽¹⁾	Ω	-	50	-
Load Impedance (Single ended) ⁽¹⁾	Ω	-	50	-
Package type&size	P1			
Length x Width	mm ²	-	3.8 x3.8	-
Height	mm	-	-	1.4

ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	403.5	-
Insertion Loss within 402.0 ~ 405.0 MHz	dB	-	2.15	3.5
Amplitude Ripple within 402.0 ~ 405.0 MHz	dB _{p-p}	-	0.5	1.7
Attenuation: (Reference level from 0dB)				
303.5 ~ 358.5 MHz	dB	40	51	-
358.5 ~ 388.5 MHz	dB	35	45	-
423.5 ~ 448.5 MHz	dB	35	50	-
448.5 ~ 503.5 MHz	dB	40	51	-
VSWR within 402.0 ~ 405.0 MHz	-	-	1.55	2.25

Notes : (1) No Matching Network

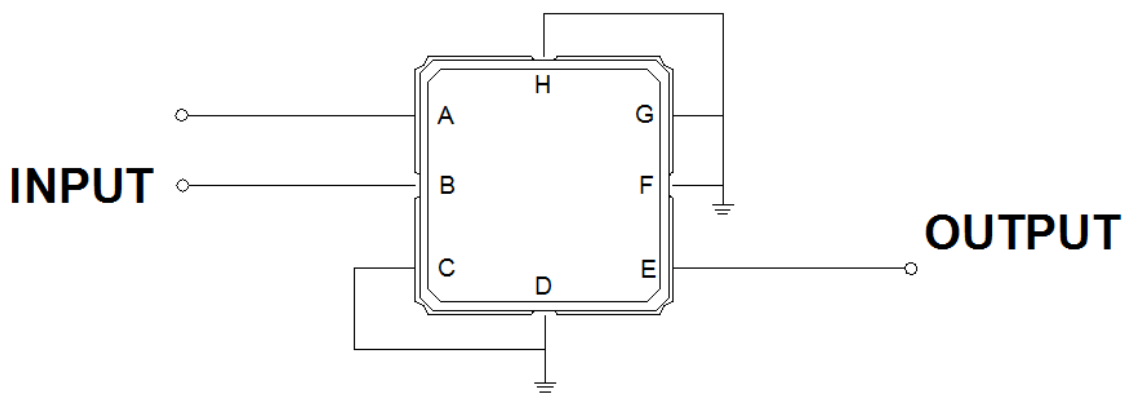
Package Dimensions



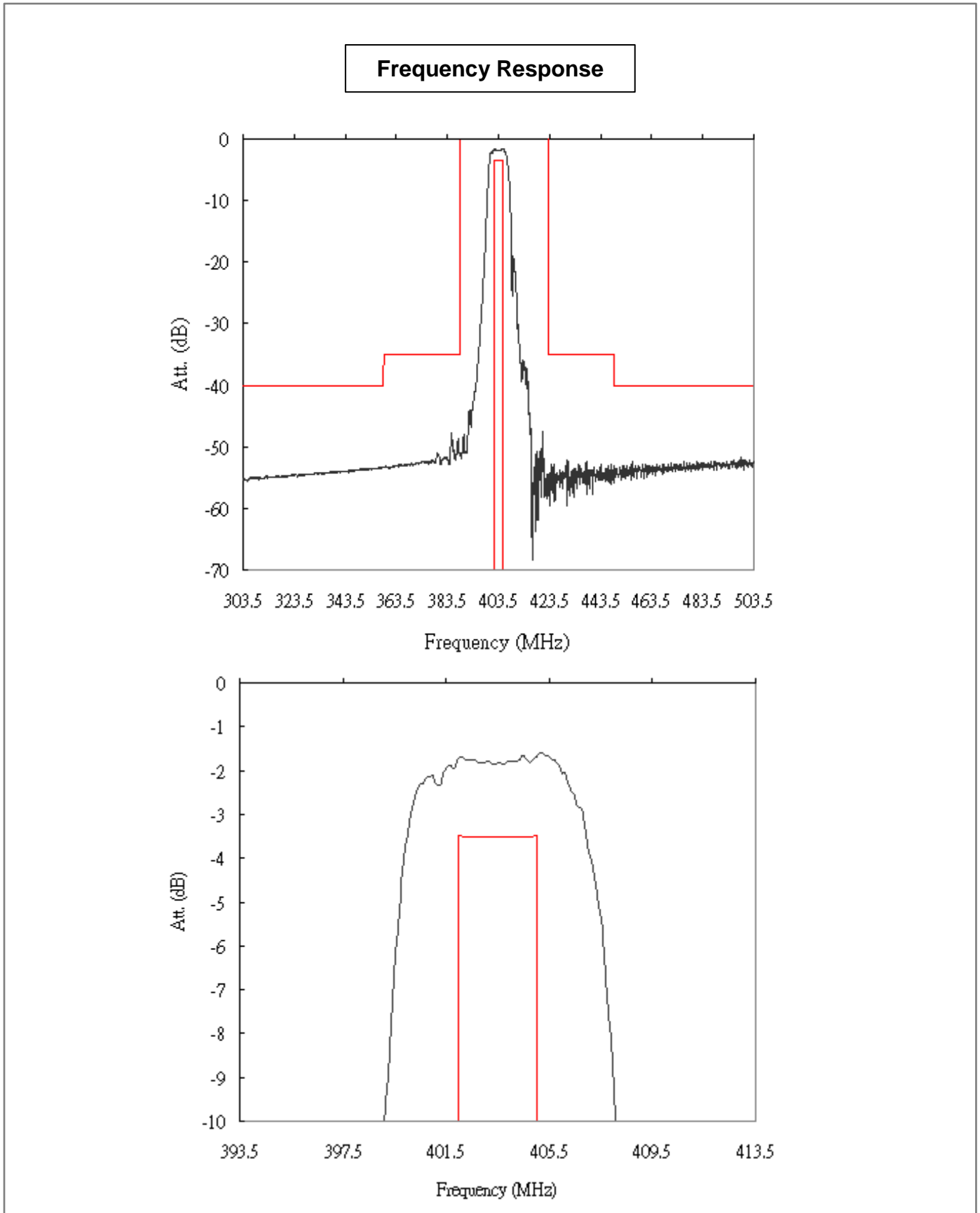
Marking Descriptions	
c	Wireless Application
n	Series Number
X	Date Code (Year)
Y	Date Code (Month)

Pin Description	
C, D, F, G, H	Ground
A, B	Balanced Input
E	Output

Testing Environment



Source & Load Impedance: 50 Ω

Frequency Characteristics

VSWR

