

- WCDMA, RF-Rx SAW Filter
- Revision 0: May 2009

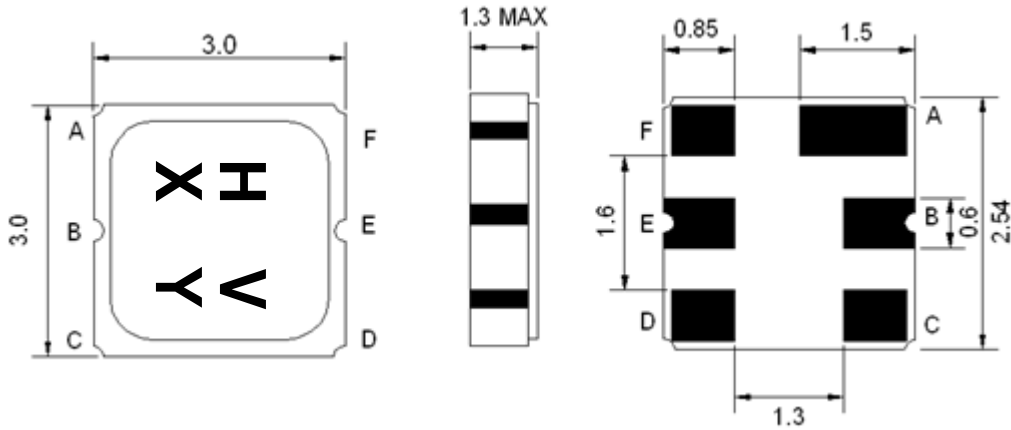
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	7.5
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	-	2140.0	-
Insertion Loss within 2110.0 ~ 2170.0 MHz	dB	-	2.0	3.2
Amplitude Ripple within 2110.0 ~ 2170.0 MHz	dB _{p-p}	-	0.8	1.5
Attenuation:				
D.C. ~ 500.0 MHz	dB	23	28	-
500.0~ 2025.0 MHz	dB	20	25	-
2025.0 ~ 2050.0 MHz	dB	30	40	-
2230.0 ~ 2260.0 MHz	dB	30	40	-
2490.0 ~ 2550.0 MHz	dB	30	35	-
VSWR within 2110.0 ~ 2170.0 MHz	-	-	1.6	2.2

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

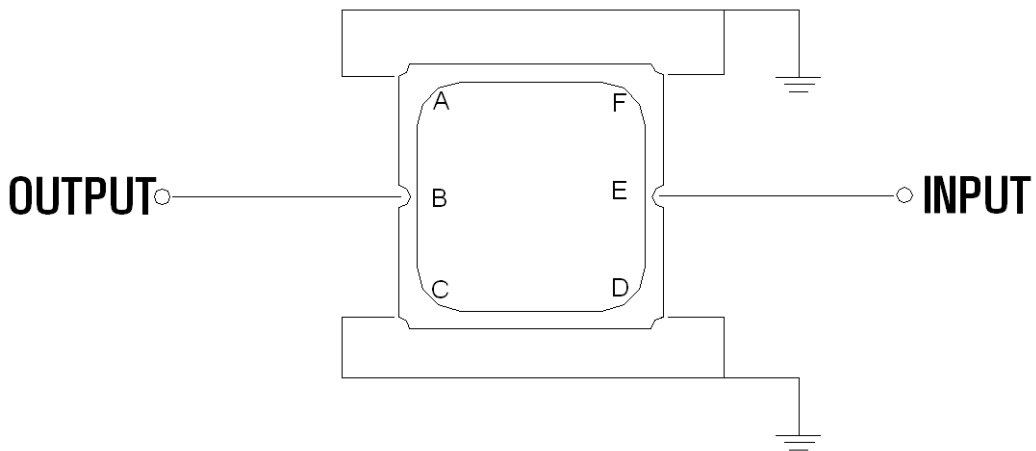
Package Dimensions



Marking Descriptions	
H	WCDMA Application
V	Series Number
X	Date Code (Year)
Y	Date Code (Month)

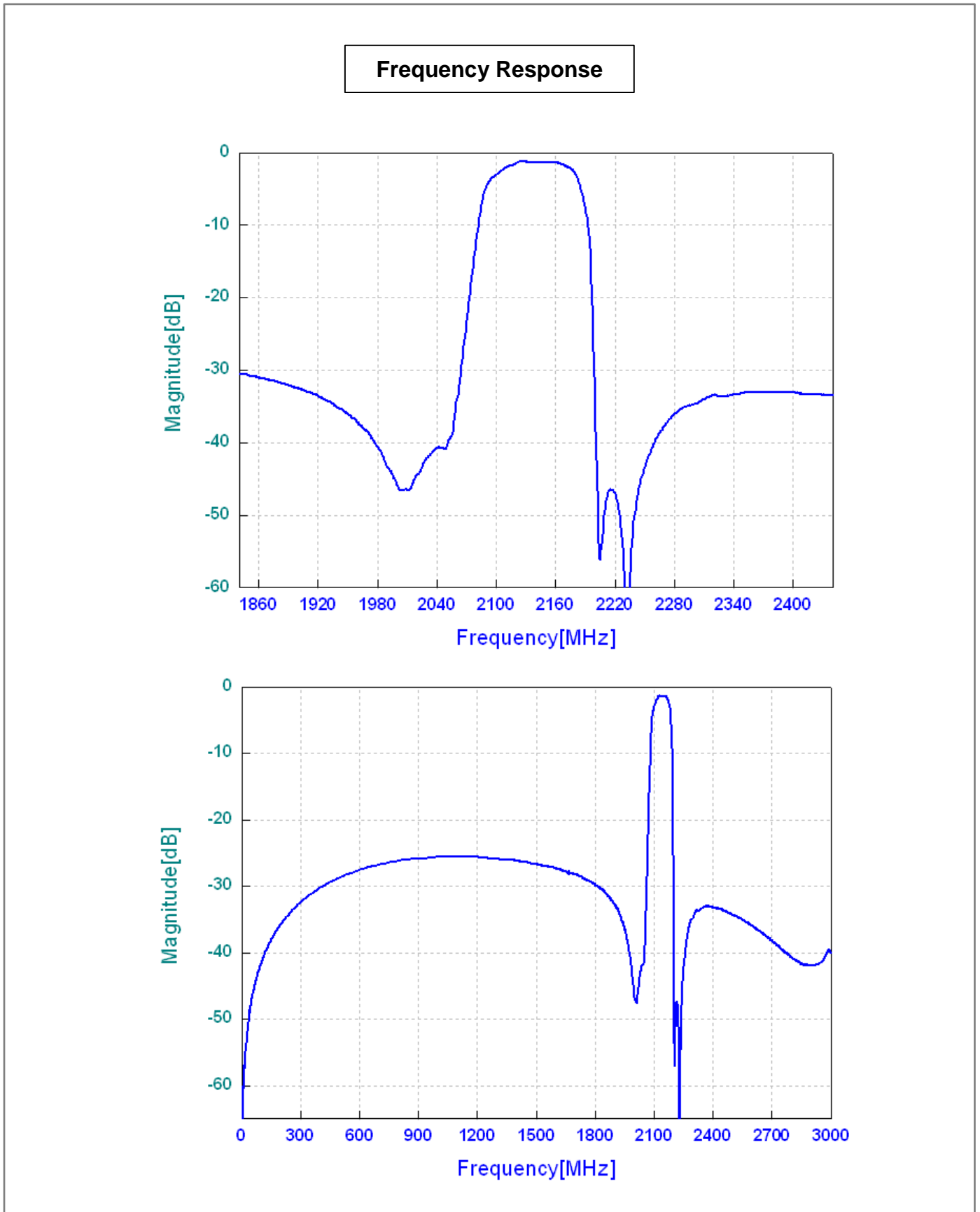
Pin Description	
A, C, D, F	Ground
E	In or Out
B	Out or In

Testing Environment

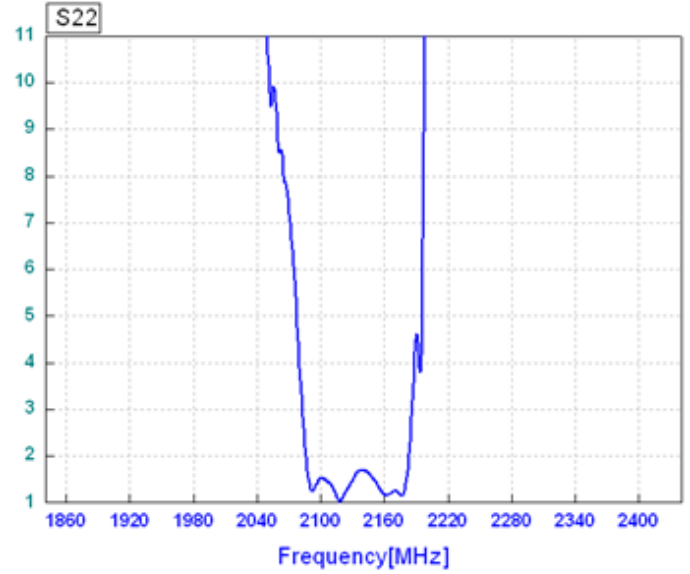
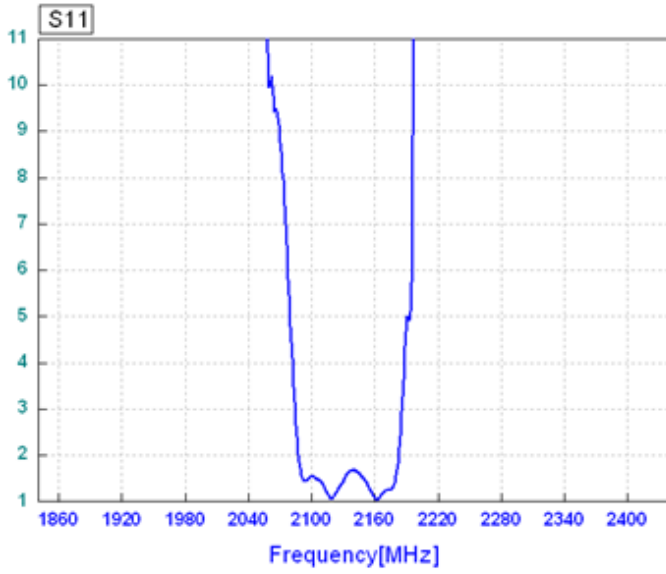


Source & Load Impedance: 50 Ω

Frequency Characteristics



VSWR



Smith Chart

