

- WCDMA, RF-Rx SAW Filter
- Revision 0: August 2012

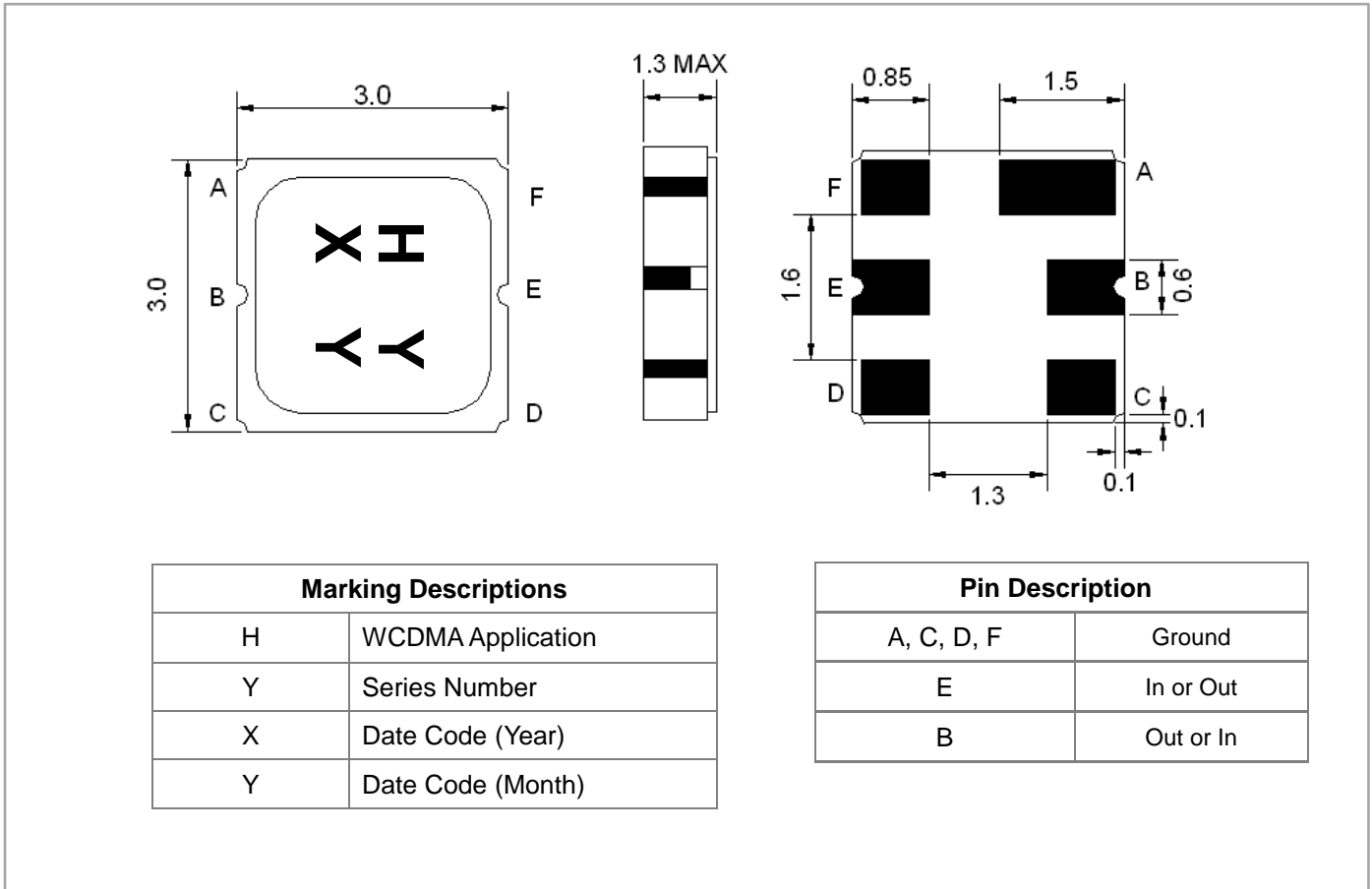
## Electrical Characteristics

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) <sup>(1)</sup>	Ω	-	50	-
Load Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Package type & size	M			
Length x Width	mm <sup>2</sup>	-	3.0 x 3.0	-
Height	mm	-	-	1.3

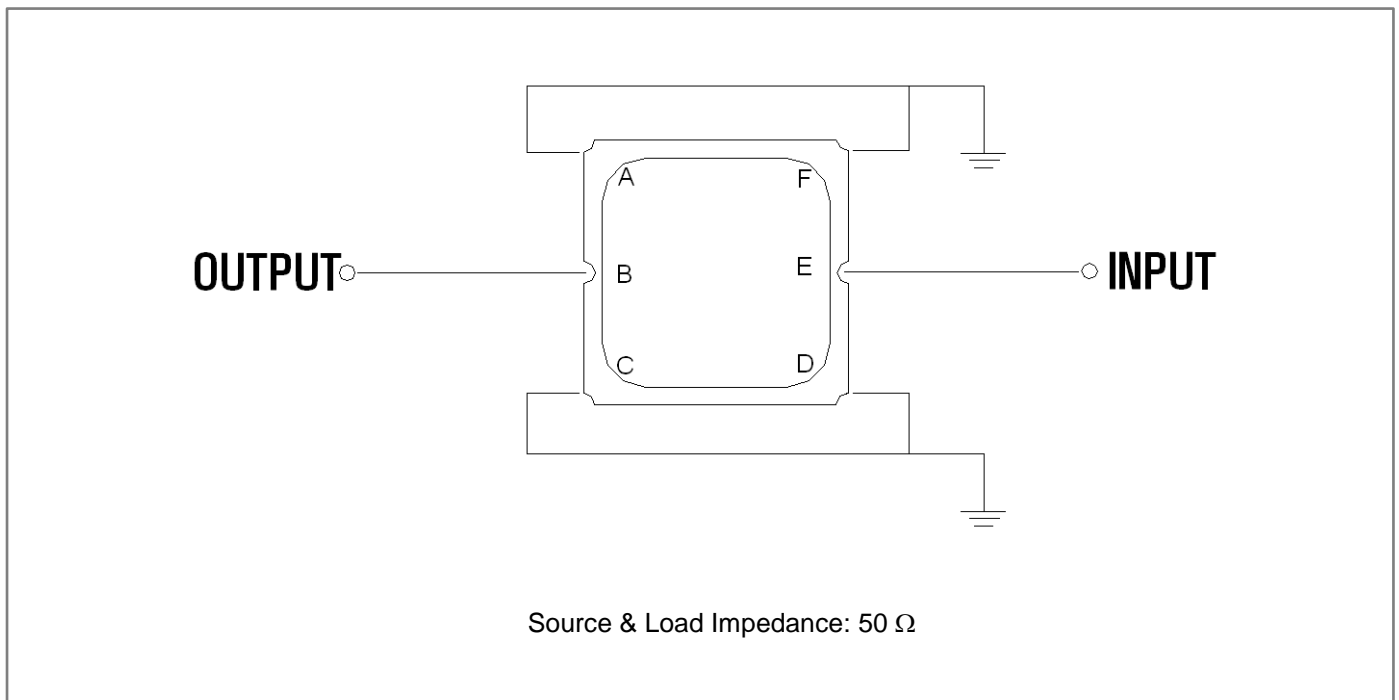
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	2140	-
Insertion Loss within 2110 ~ 2170 MHz	dB	-	2.1	3.5
Amplitude Ripple within 2110 ~ 2170 MHz	dB <sub>p-p</sub>	-	0.9	2.0
<b>Attenuation:</b>				
D.C. ~ 500 MHz	dB	25	30	-
500 ~ 2025 MHz	dB	20	27	-
2025 ~ 2050 MHz	dB	30	42	-
2230 ~ 2260 MHz	dB	37	43	-
2490 ~ 2550 MHz	dB	32	39	-
VSWR within 2110 ~ 2170 MHz	-	-	1.5	2.0

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

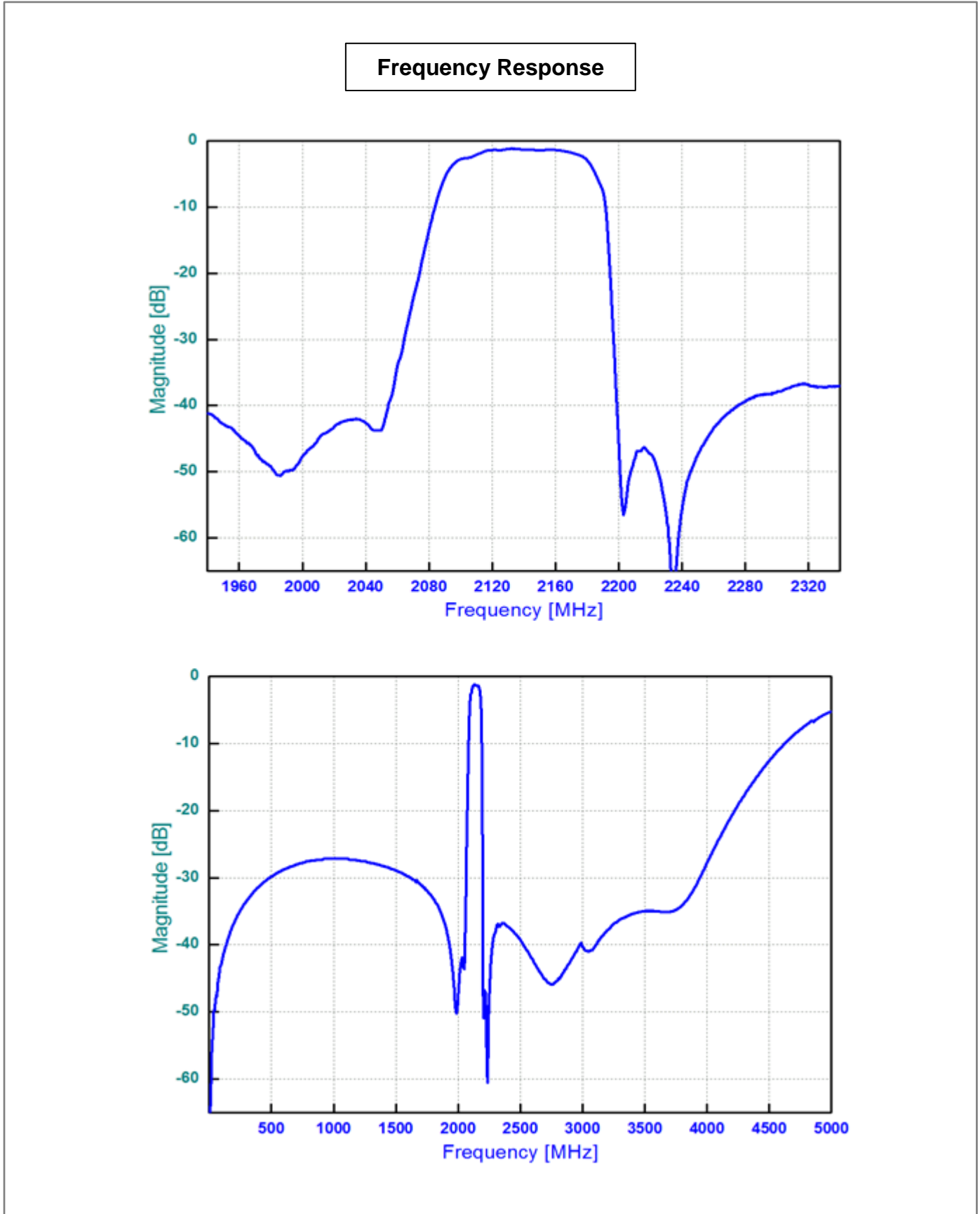
## Package Dimensions



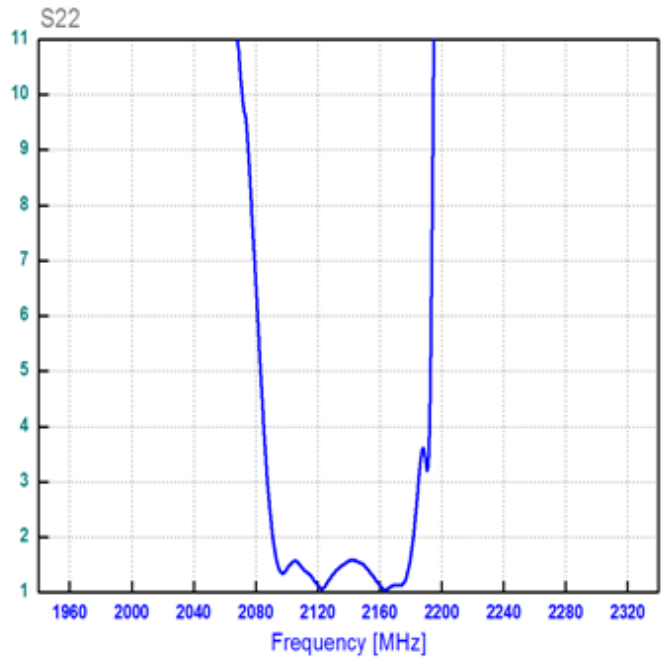
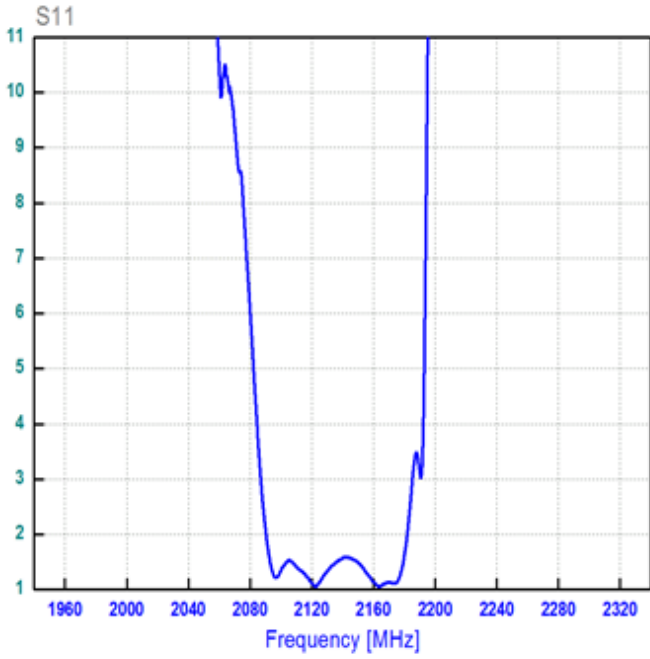
## Testing Environment



## Frequency Characteristics



**VSWR**



**Smith Chart**

