

- Wireless, RF SAW Filter
- Revision 0: November 2011

Electrical Characteristics

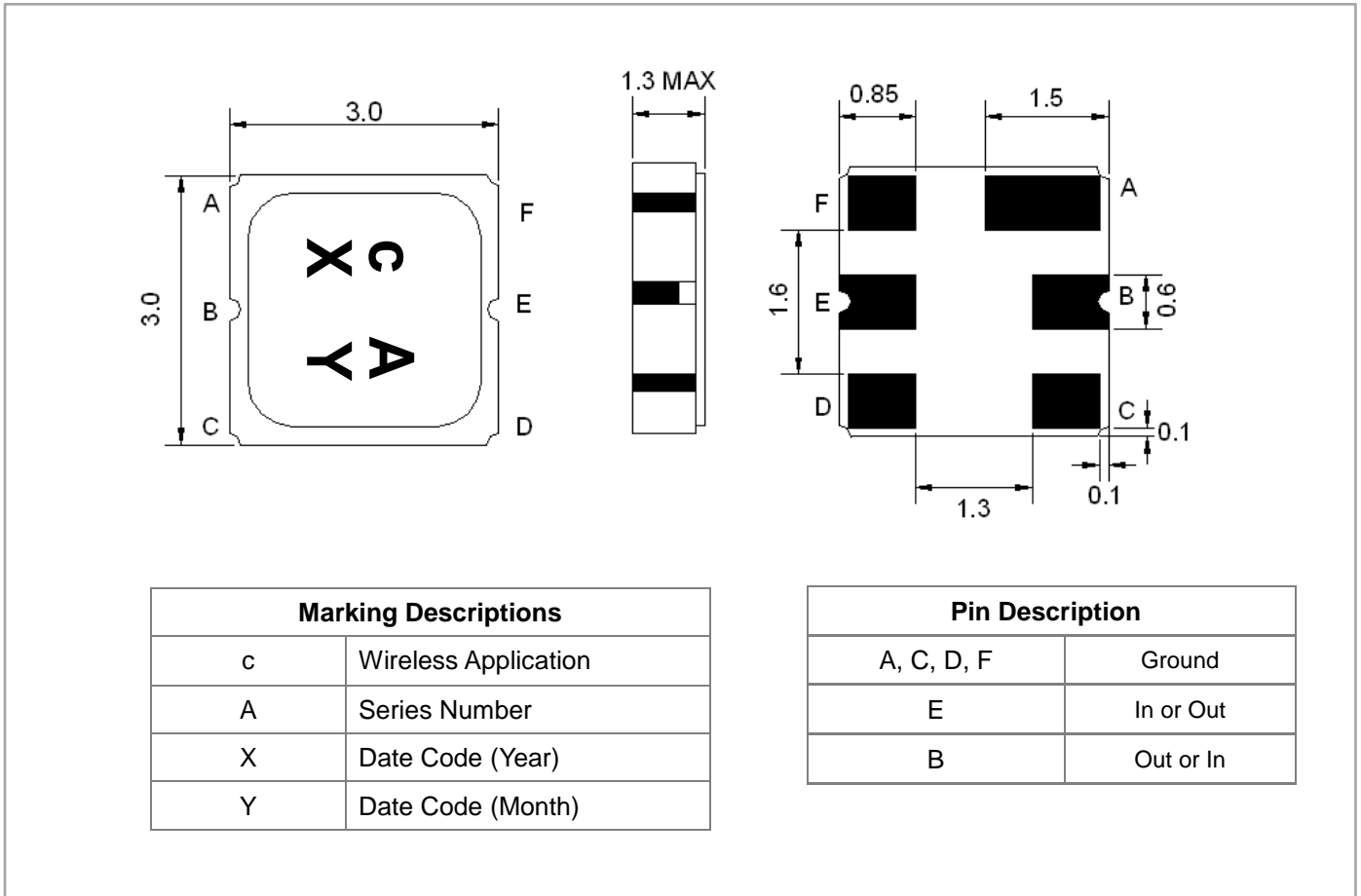
MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-20	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	8
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package 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	-	1441.0	-
Insertion Loss within 1429.0 ~ 1453.0 MHz	dB	-	1.1	1.5
Attenuation:				
D.C. ~ 1380.0 MHz	dB	15	18	-
1477.0 ~ 1501.0 MHz	dB	2	7	-
1574.0 ~ 1777.0 MHz	dB	15	18	-
2400.0 ~ 2500.0 MHz	dB	16	19	-
2954.0 ~ 3002.0 MHz	dB	16	20	-
4431.0 ~ 4501.0 MHz	dB	15	25	-
VSWR within 1429.0~1453.0 MHz	-	-	1.7	2.1

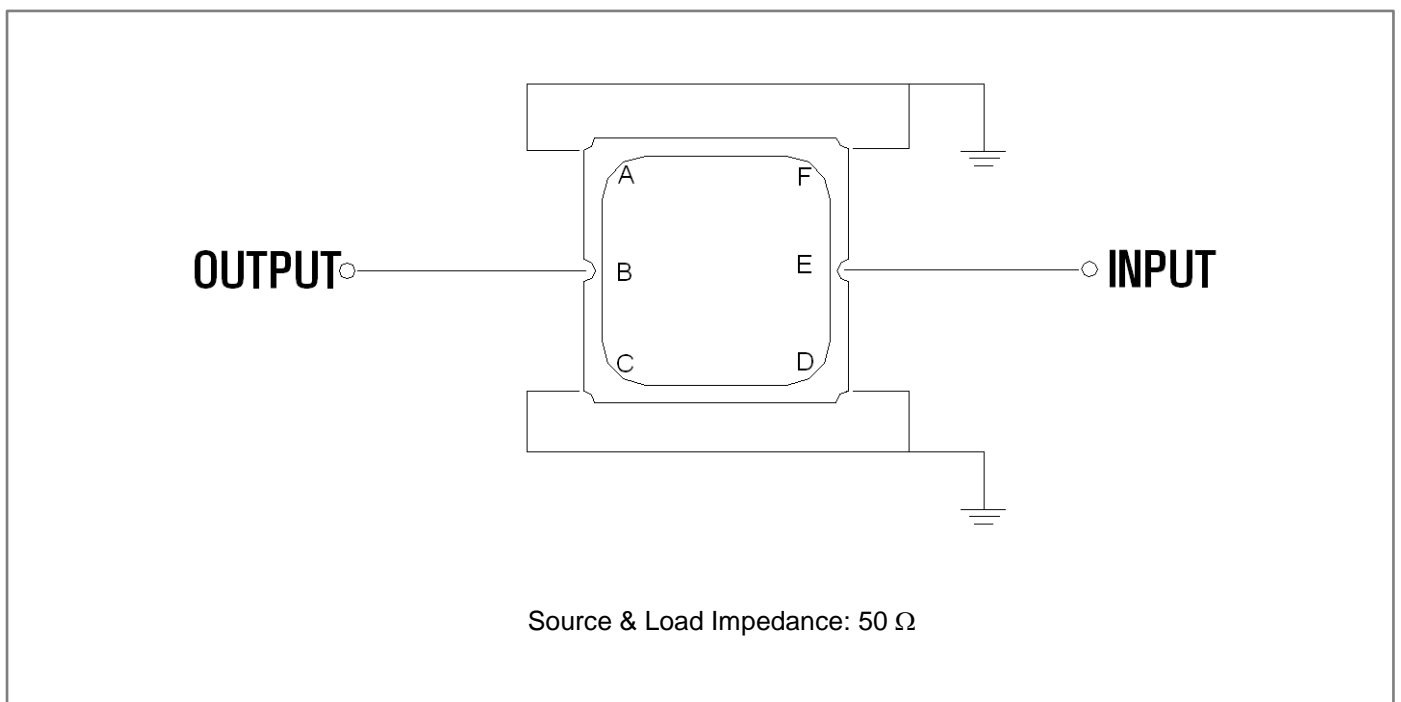
Notes: (1) No Matching Network (Ref. Testing Environment Circuit as shown below).

(2) Insertion Loss is including PCB Loss. (PCB Loss, 0.2dB)

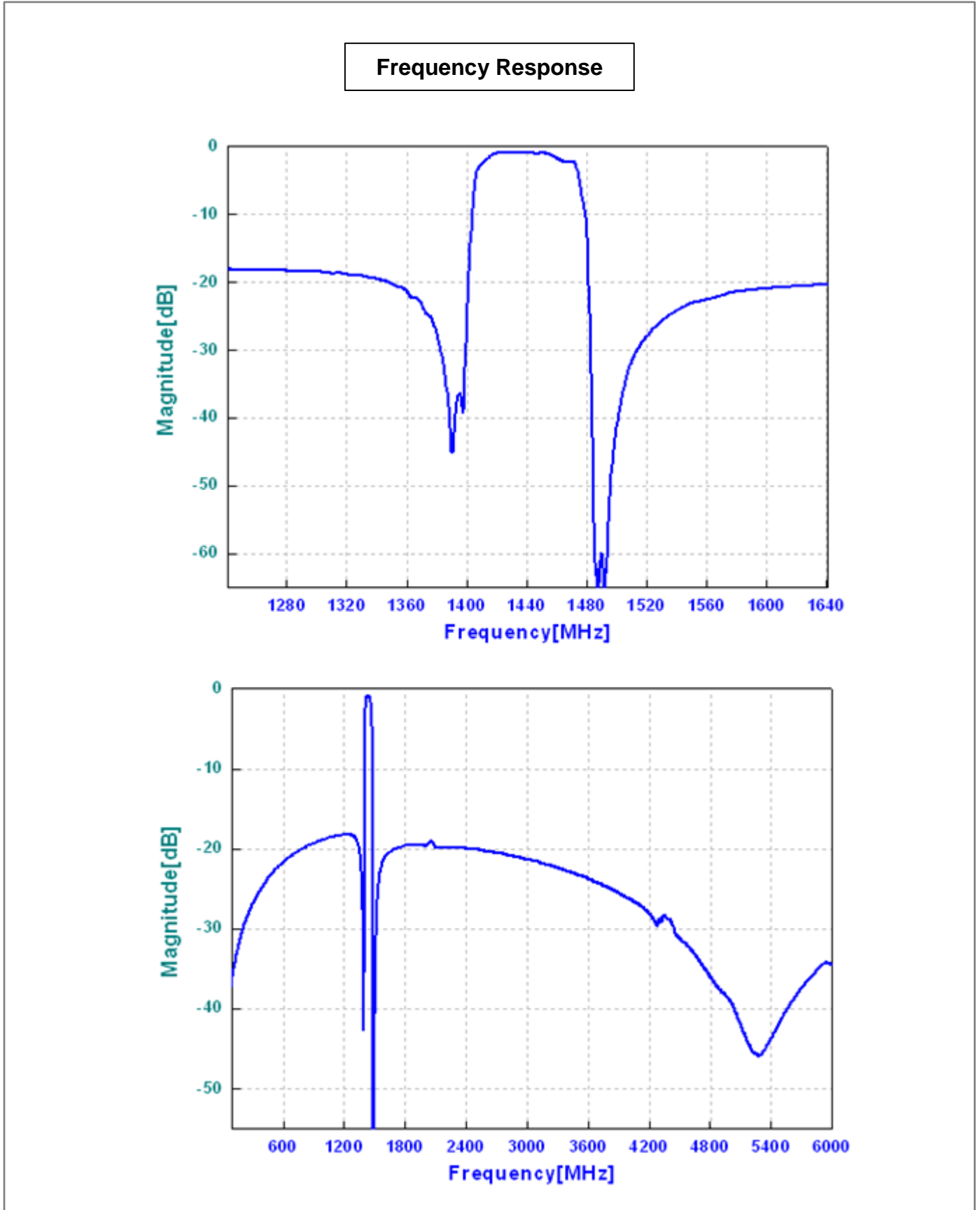
Package Dimensions



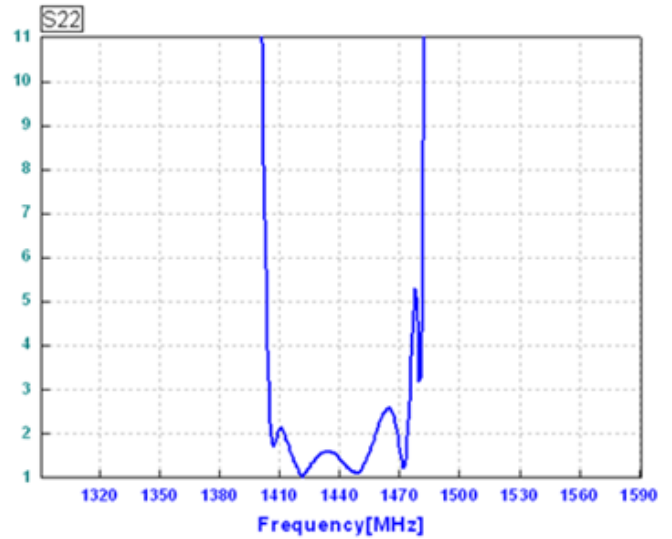
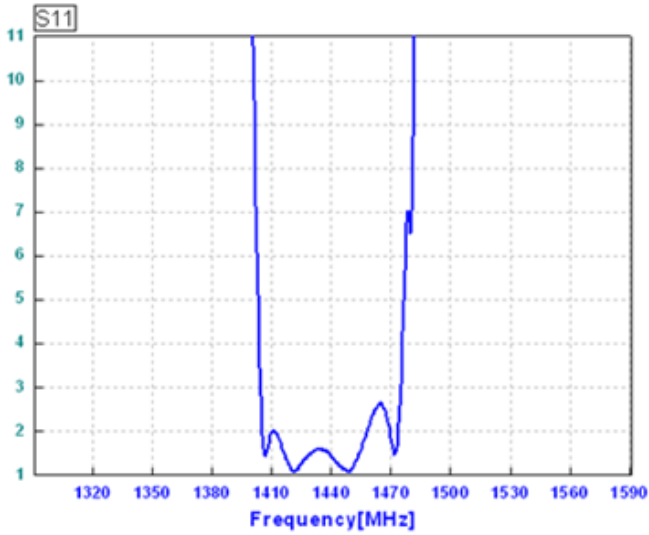
Testing Environment



Frequency Characteristics



VSWR



Smith Chart

