

- Wireless, RF SAW Filter
- Revision 0: June 2012

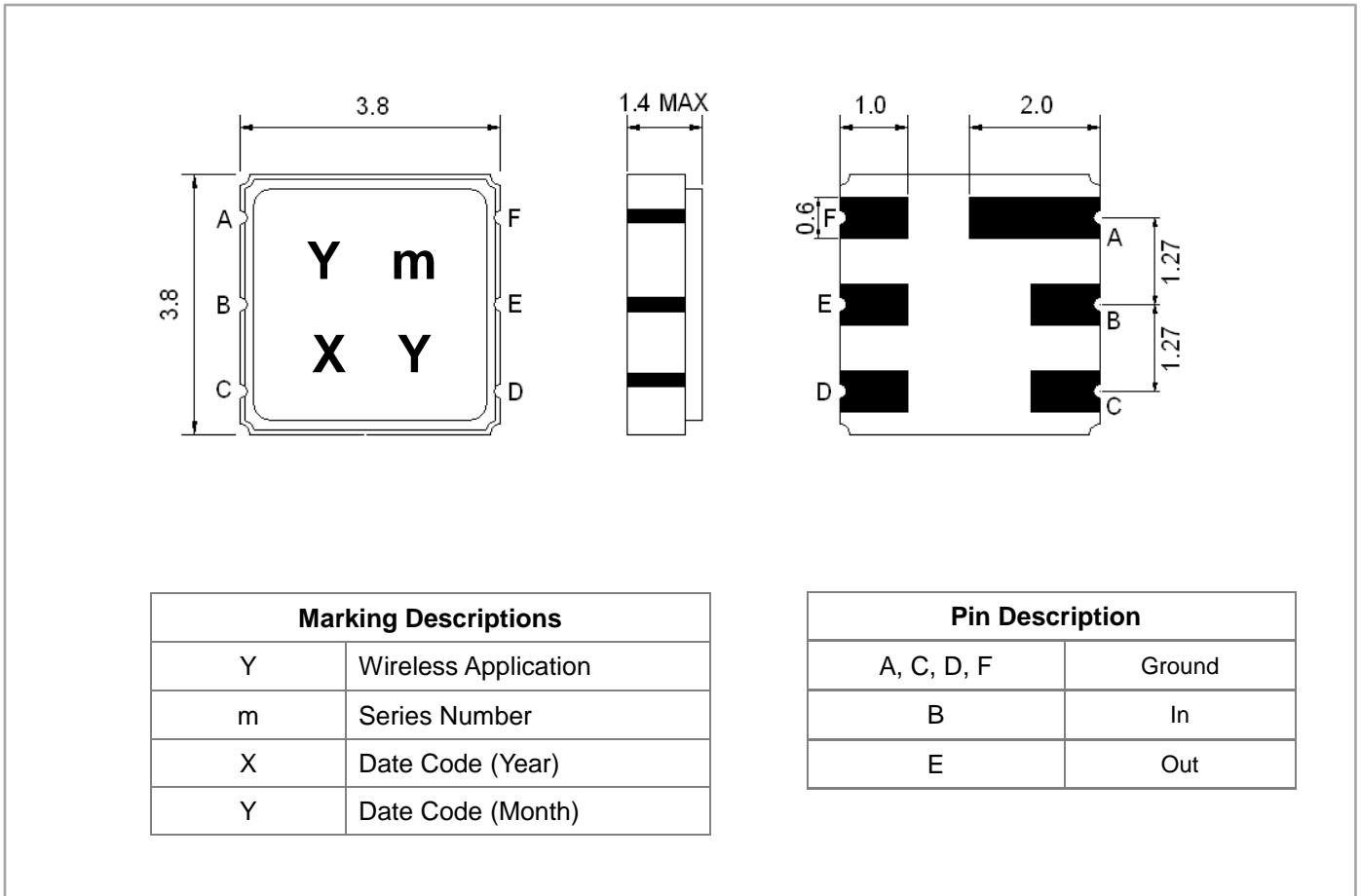
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-40	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	10
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	P			
Length x Width	mm ²	-	3.8 x 3.8	-
Height	mm	-	-	1.4

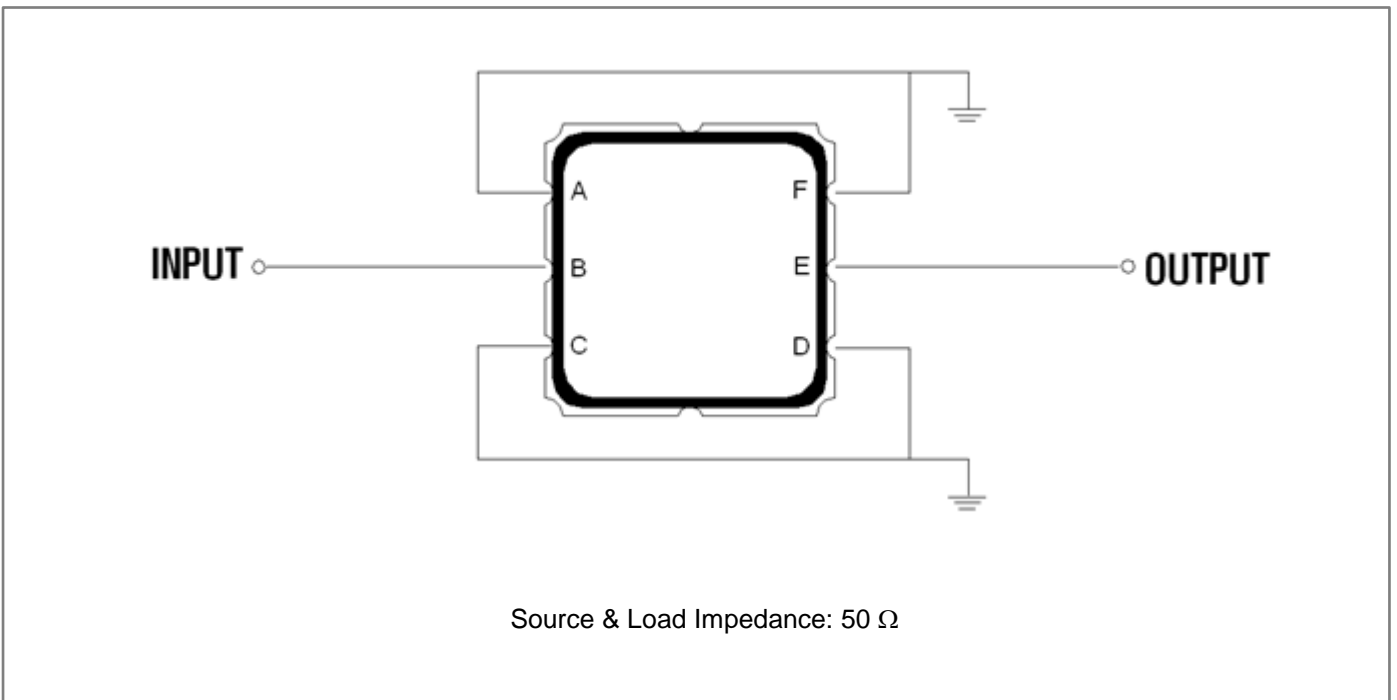
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	2097.0	-
Insertion Loss within 2082.0 ~ 2112.0 MHz	dB	-	2.1	3.5
Amplitude Ripple within 2082.0 ~ 2112.0 MHz	dB _{p-p}	-	0.8	1.2
1dB Bandwidth	MHz	35	51	-
40dB Bandwidth	MHz	-	136	150
Attenuation:				
200.0 ~ 1897.0 (Fo-200.0) MHz	dB	35	42	-
2297.0 (Fo+200.0) ~ 3000.0 MHz	dB	35	40	-
2262.0 ~ 2292.0 MHz	dB	40	54	-
VSWR within 2082.0 ~ 2112.0 MHz	-	-	1.7	2.3

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

Package Dimensions

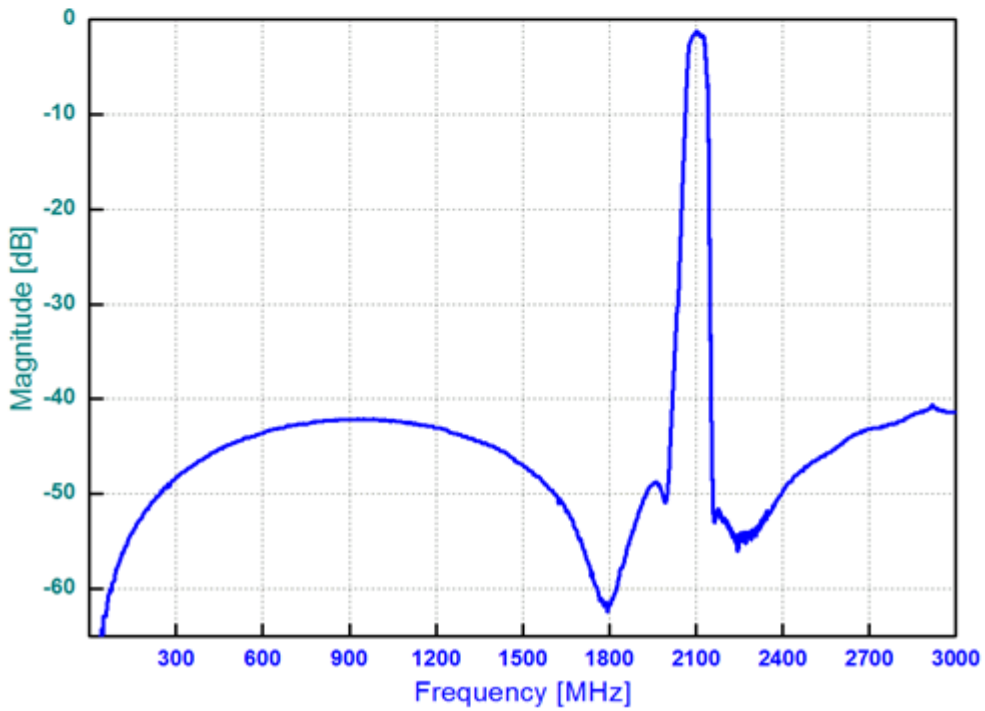
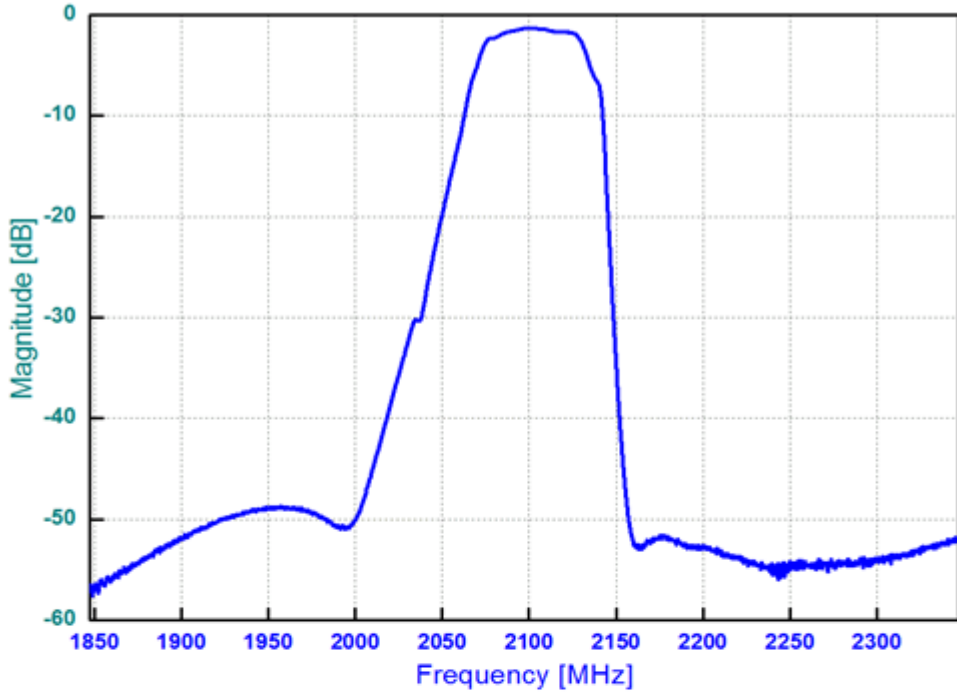


Testing Environment

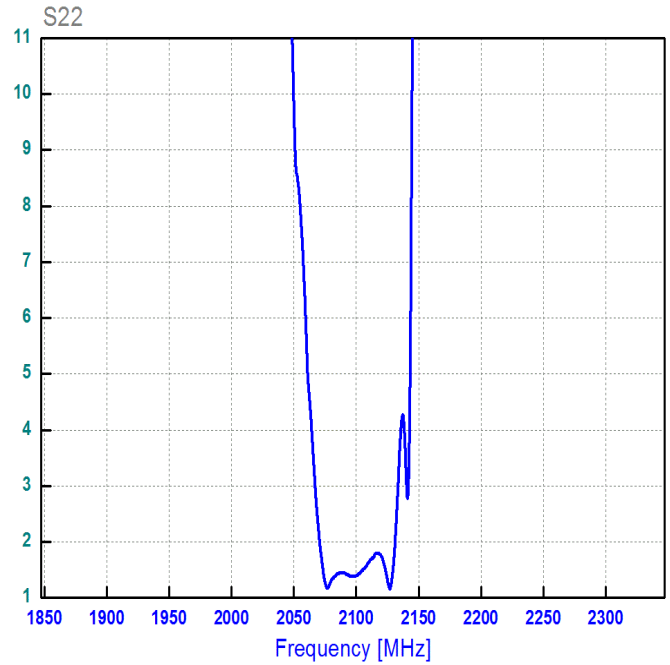
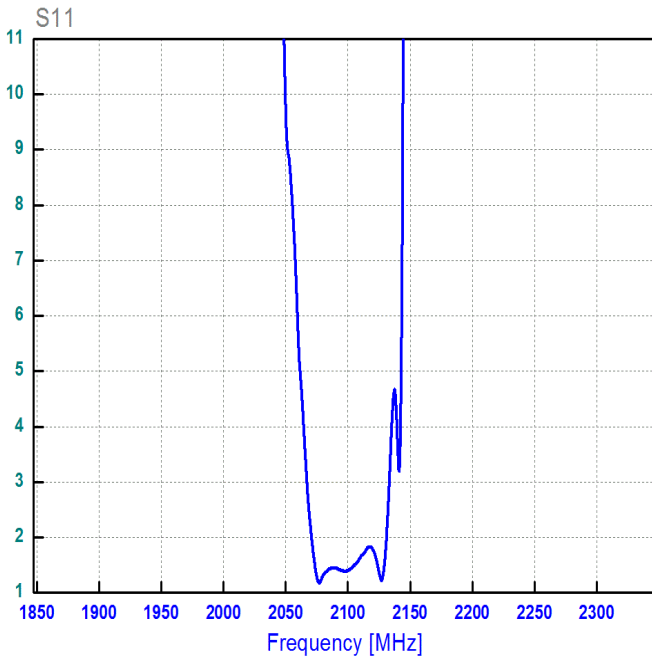


Frequency Characteristics

Frequency Response



VSWR



Smith Chart

