

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

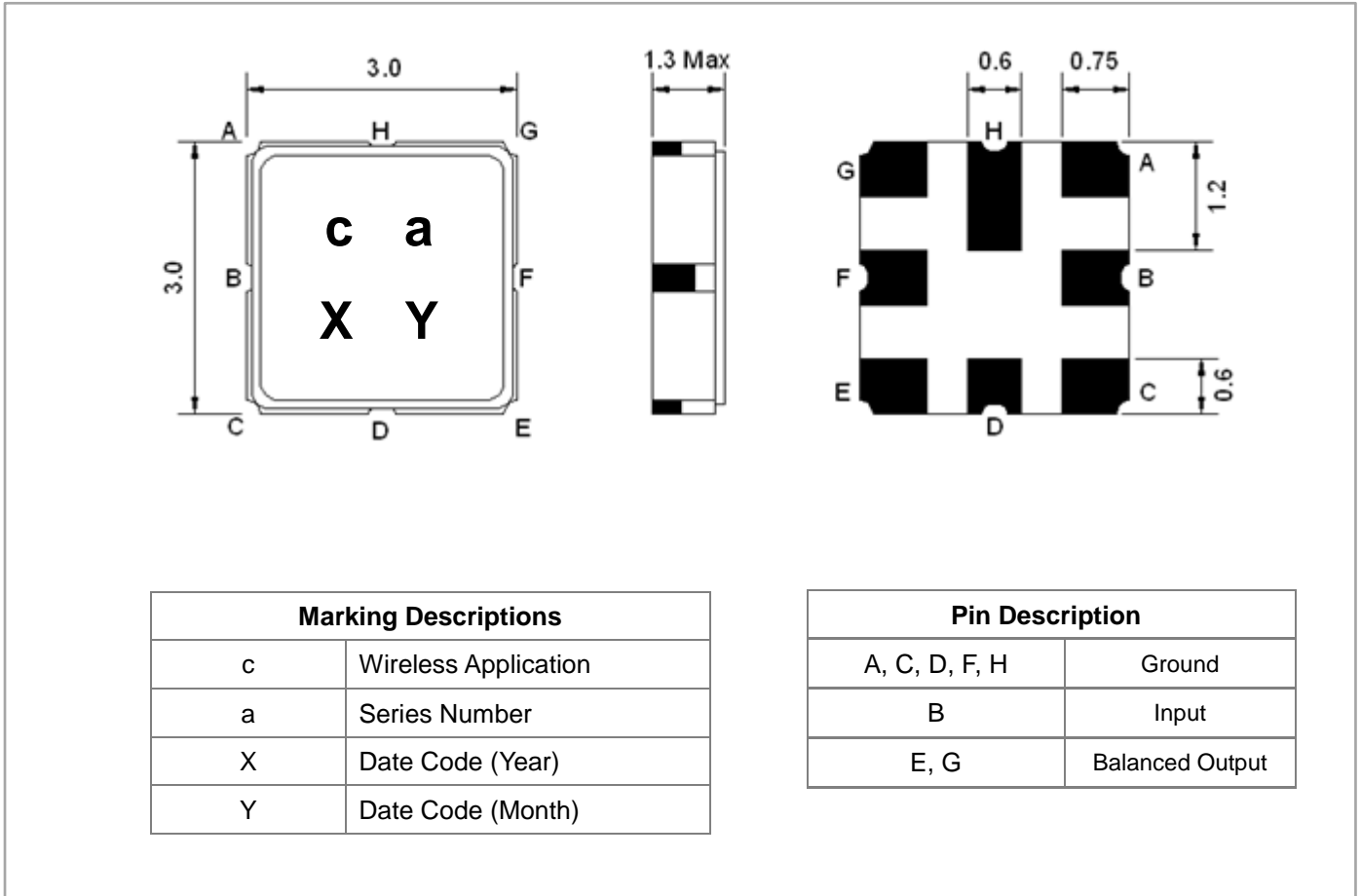
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	10
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (balanced) ⁽¹⁾	Ω	-	100	-
Package type & size	M1			
Length x Width	mm ²	-	3.0 x 3.0	-
Height	mm	-	-	1.3

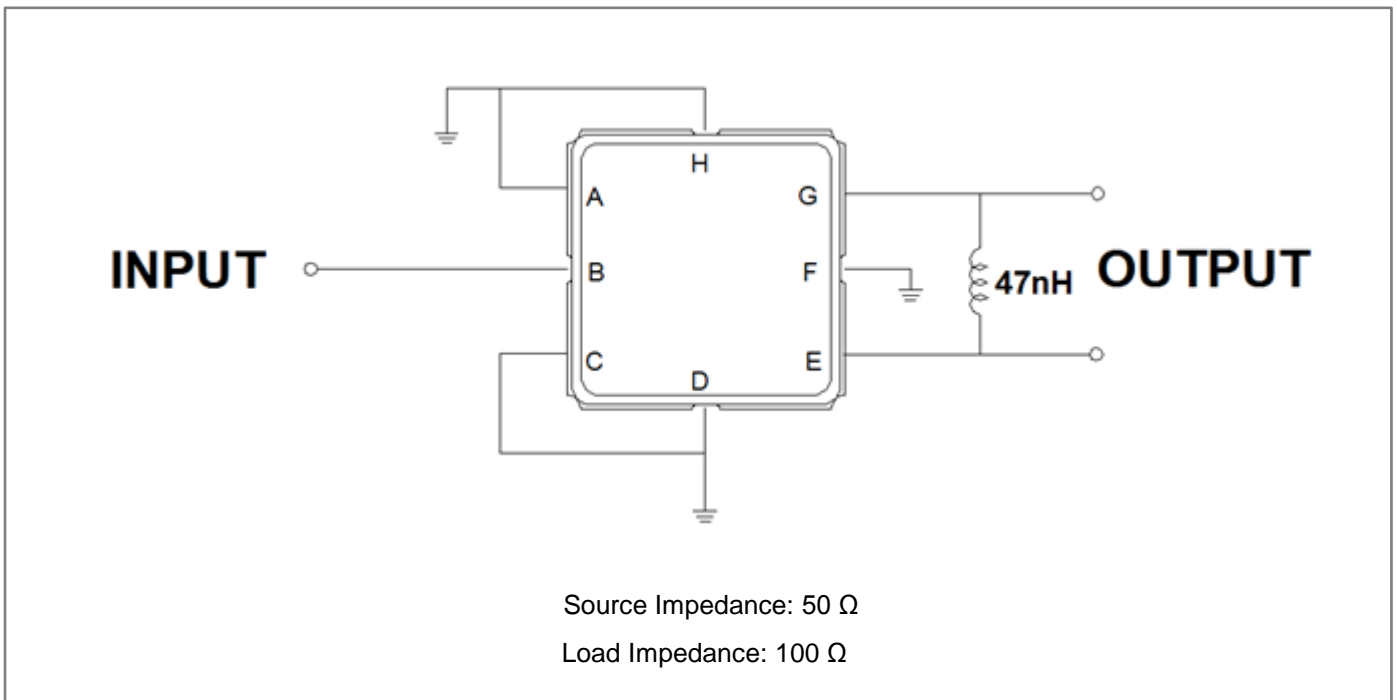
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	2280.0	-
Insertion Loss within 2275.0 ~ 2285.0 MHz	dB	-	4.0	5.5
Amplitude Ripple within 2275.0 ~ 2285.0 MHz	dB _{P-P}	-	0.5	1.5
Attenuation:				
1930.0 ~ 2170.0 MHz	dB	35	44	-
2300.0 ~ 2350.0 MHz	dB	3	7	-
2350.0 ~ 2500.0 MHz	dB	25	30	-
VSWR within 2275.0 ~ 2285.0 MHz	-	-	1.6	2.5

Notes: (1) With Matching Network

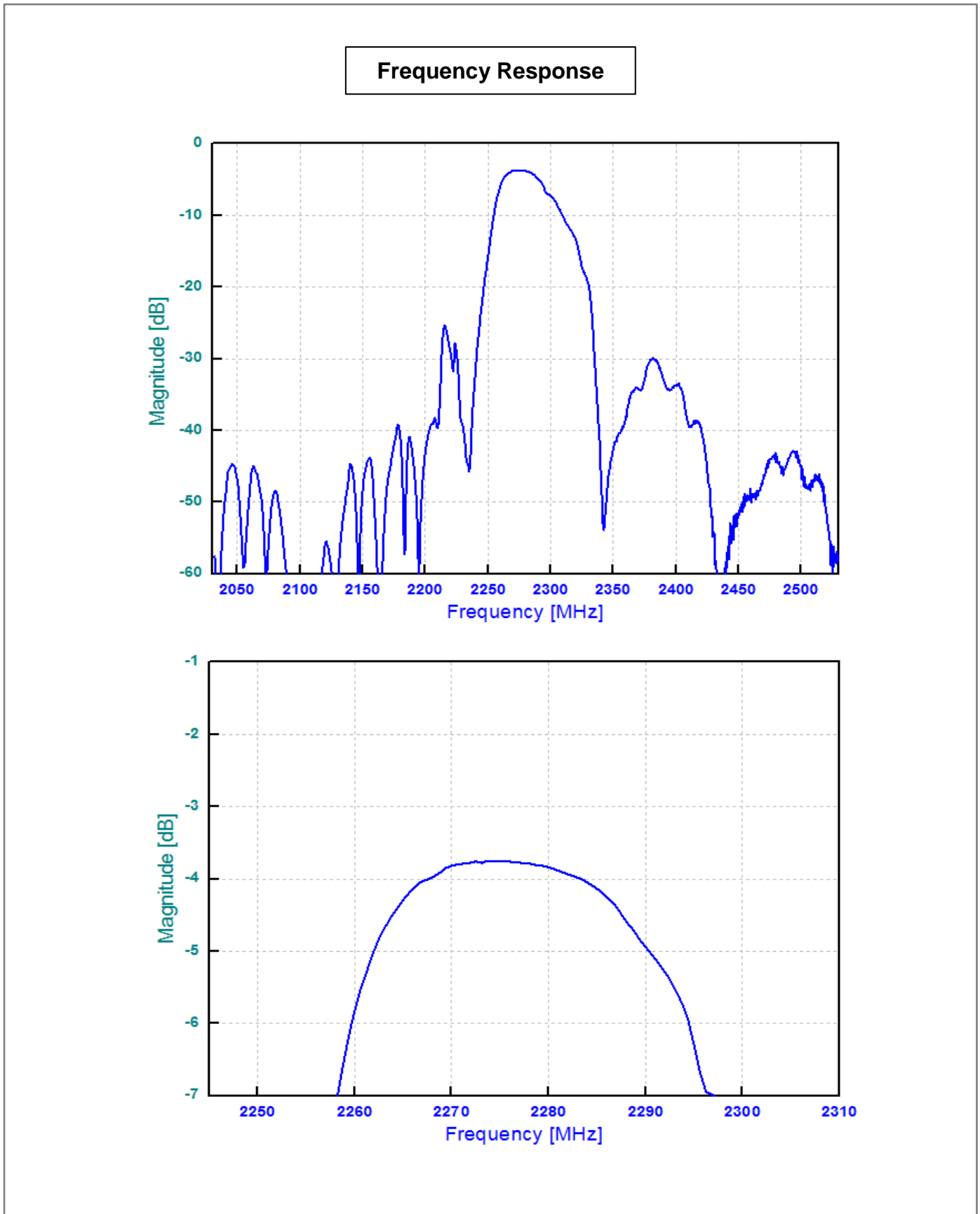
Package Dimensions



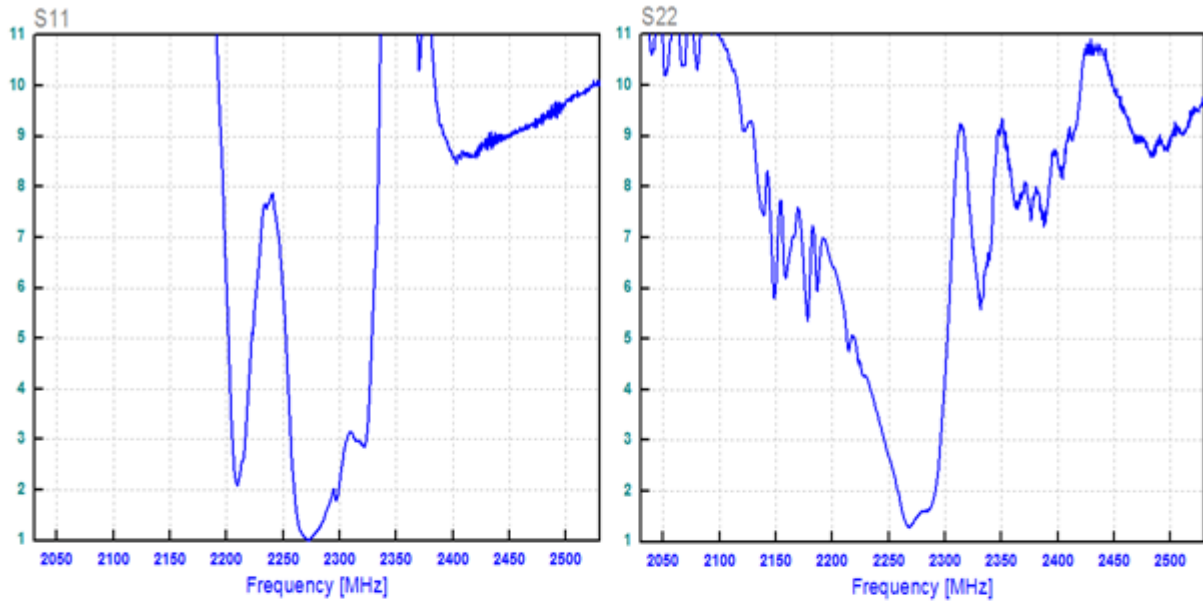
Testing Environment



Frequency Characteristics



VSWR



Smith Chart

