

- Wireless, RF SAW Filter
- Revision 0: June 2013

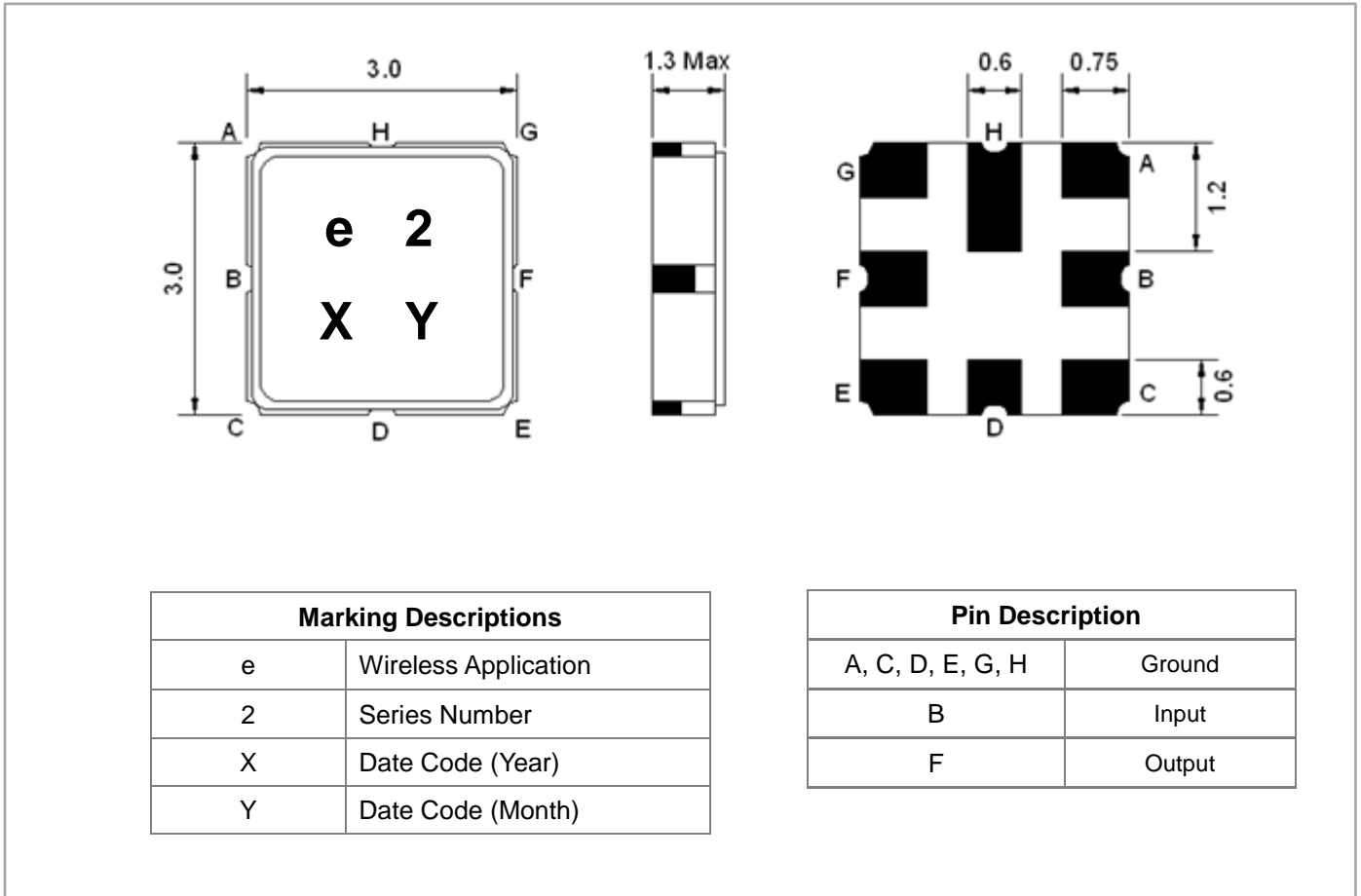
Electrical Characteristics

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 (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	S21			
Length x Width	mm ²	-	3.0 x 3.0	-
Height	mm	-	-	1.3

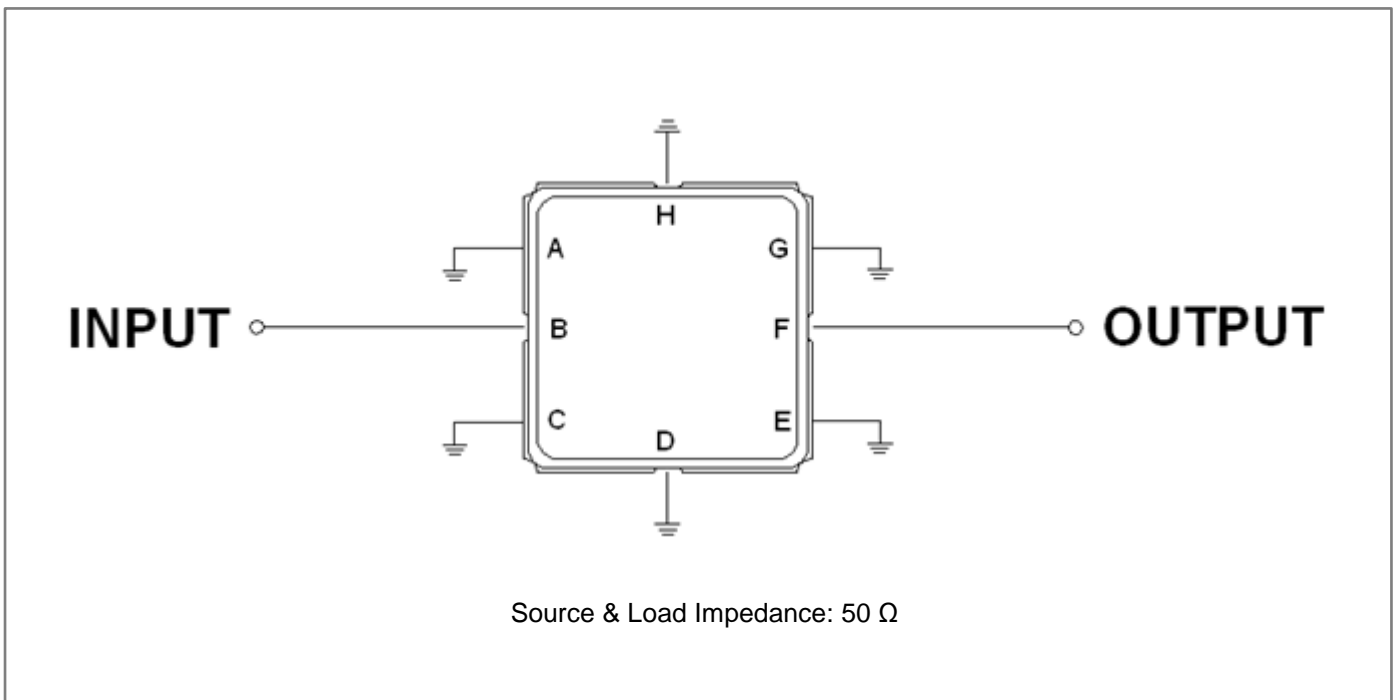
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	2595.0	-
Insertion Loss within 2570.0 ~ 2620.0 MHz	dB	-	1.8	2.5
Amplitude Ripple within 2570.0 ~ 2620.0 MHz	dB _{p-p}	-	0.8	1.5
Attenuation:				
2200.0 ~ 2510.0 MHz	dB	25	31	-
2680.0 ~ 2705.0 MHz	dB	35	42	-
2705.0 ~ 2900.0 MHz	dB	30	43	-
VSWR within 2570.0 ~ 2620.0 MHz	-	-	2.2	2.5

Notes: (1) No Matching Network

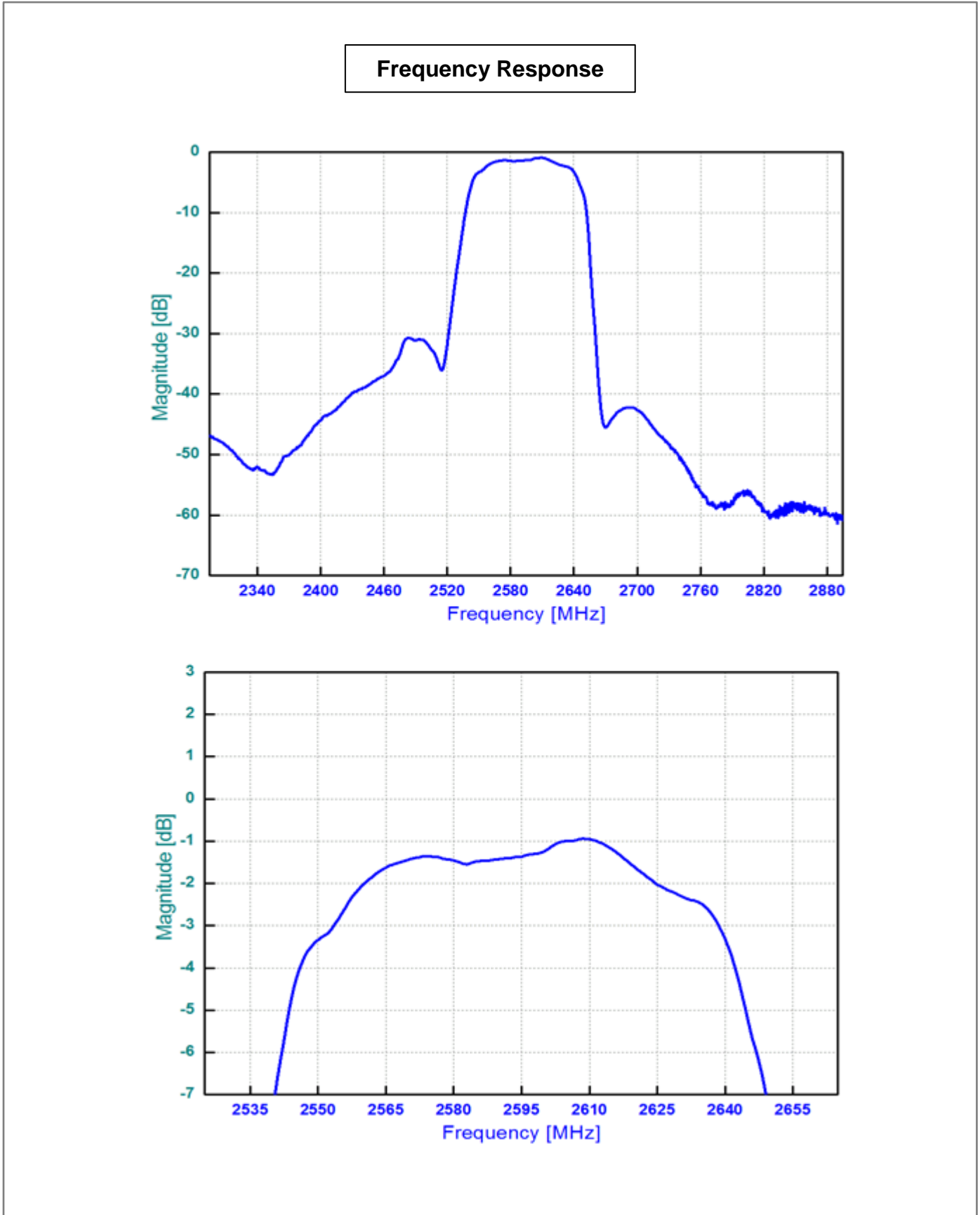
Package Dimensions



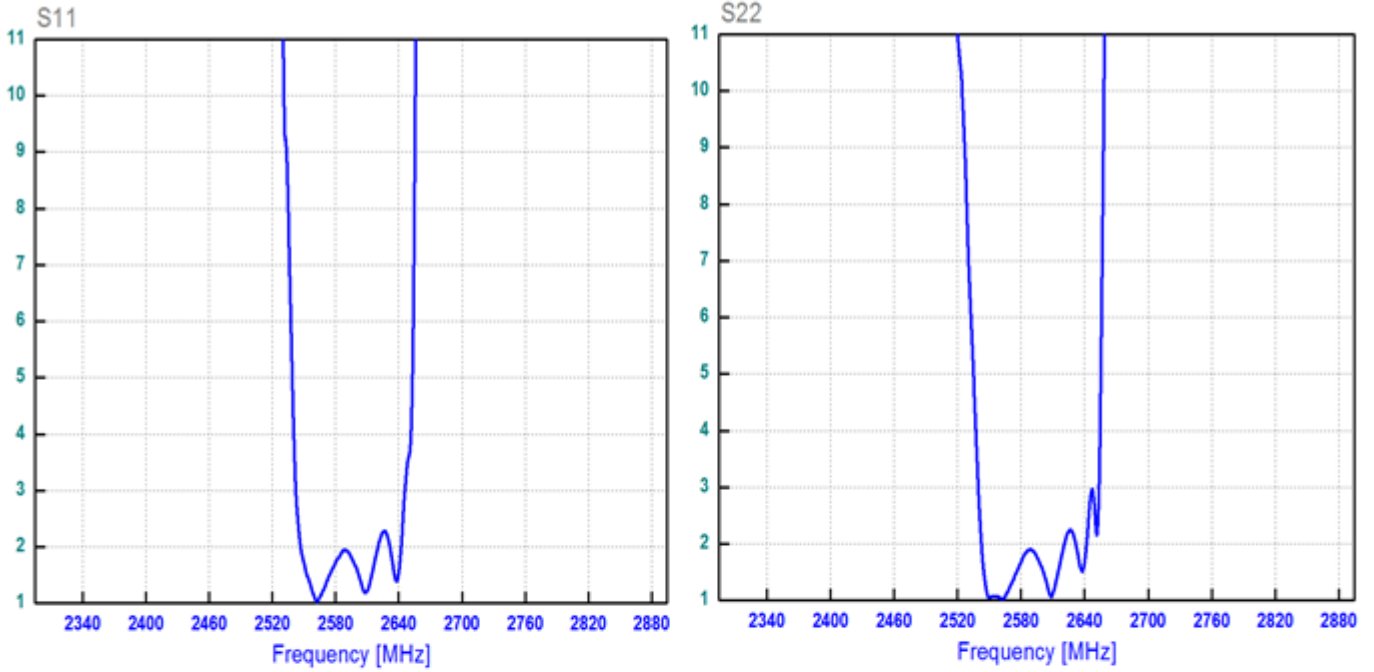
Testing Environment



Frequency Characteristics



VSWR



Smith Chart

