

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

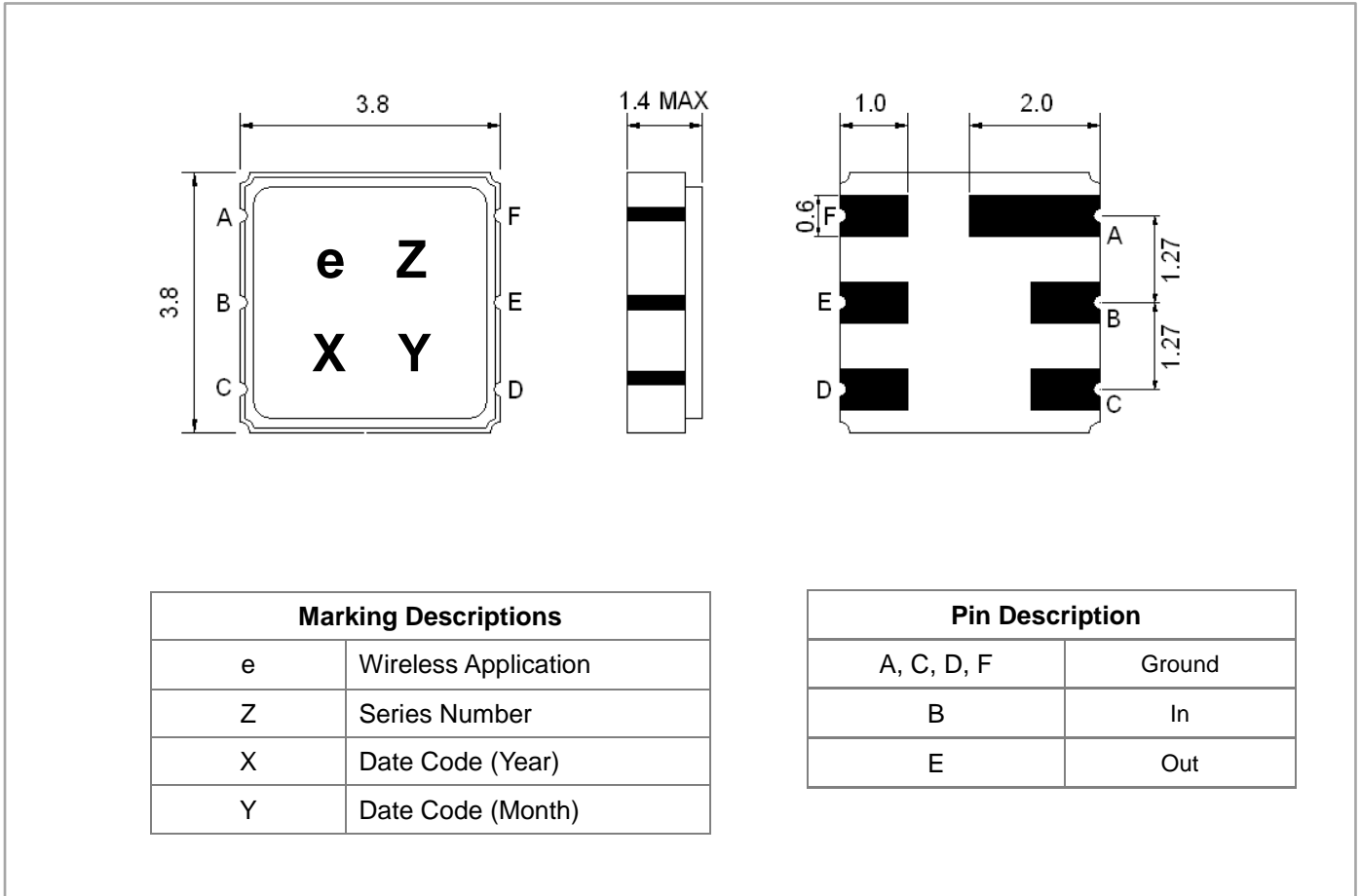
Electrical Characteristics

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
Average Input Power	dBm	-	-	28
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	S30			
Length x Width	mm ²	-	3.8 x 3.8	-
Height	mm	-	-	1.4

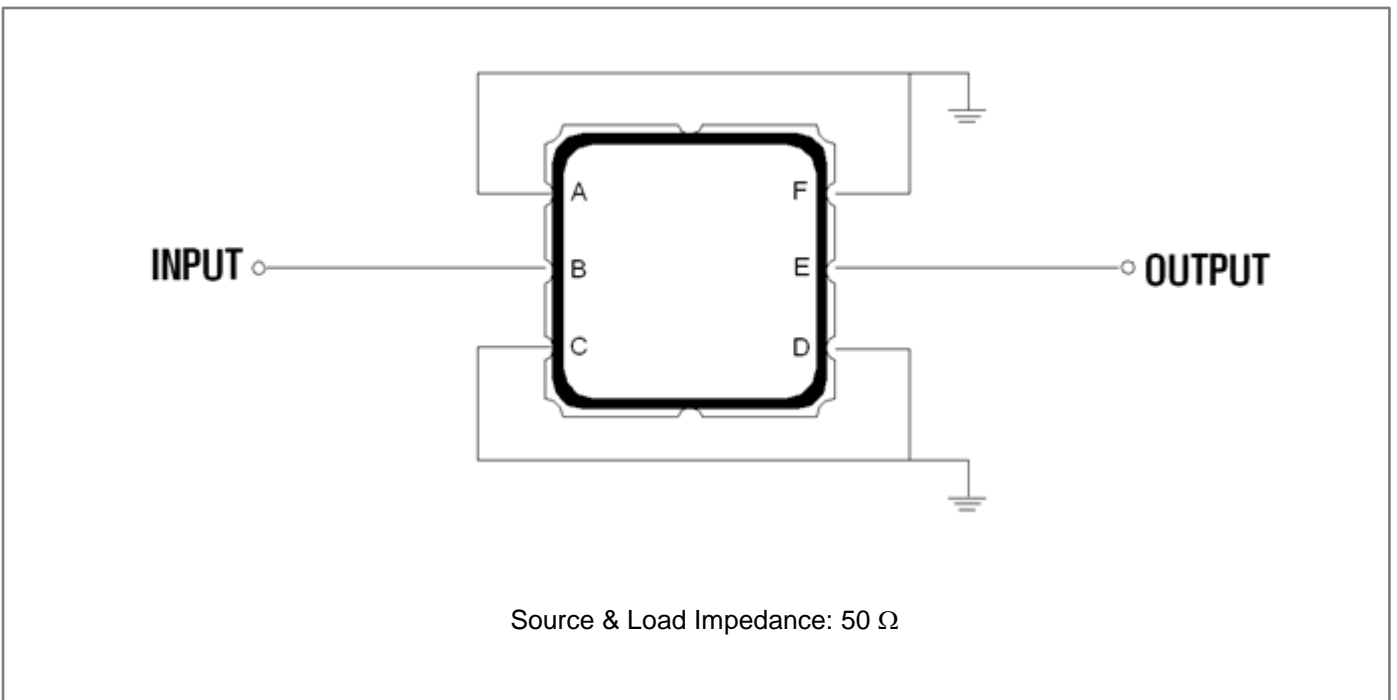
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	406.0	-
Insertion Loss within 403.5 ~ 408.5 MHz	dB	-	1.7	2.8
Amplitude Ripple within 403.5 ~ 408.5 MHz	dB	-	0.8	1.8
Attenuation:				
0.3~392.0 MHz	dB	28	32	-
413.5~418.5 MHz	dB	25	33	-
418.5~1000.0 MHz	dB	25	33	-
1000.0~2000.0 MHz	dB	25	35	-
VSWR within 403.5 ~ 408.5 MHz	-	-	1.6	2.0

Notes: (1) No Matching Network

Package Dimensions

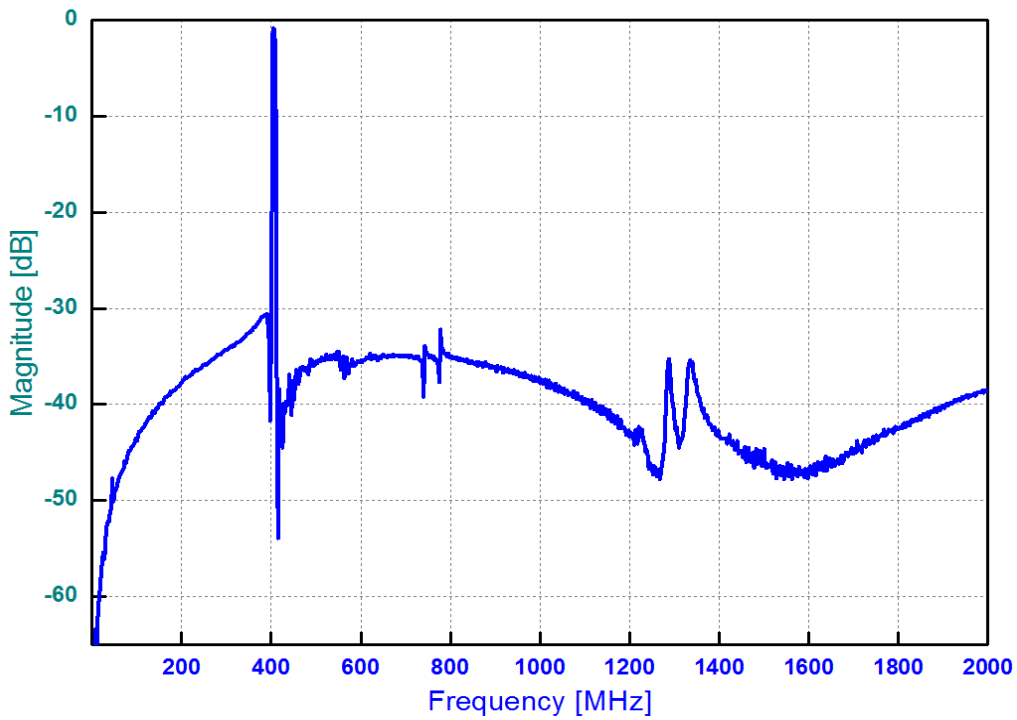
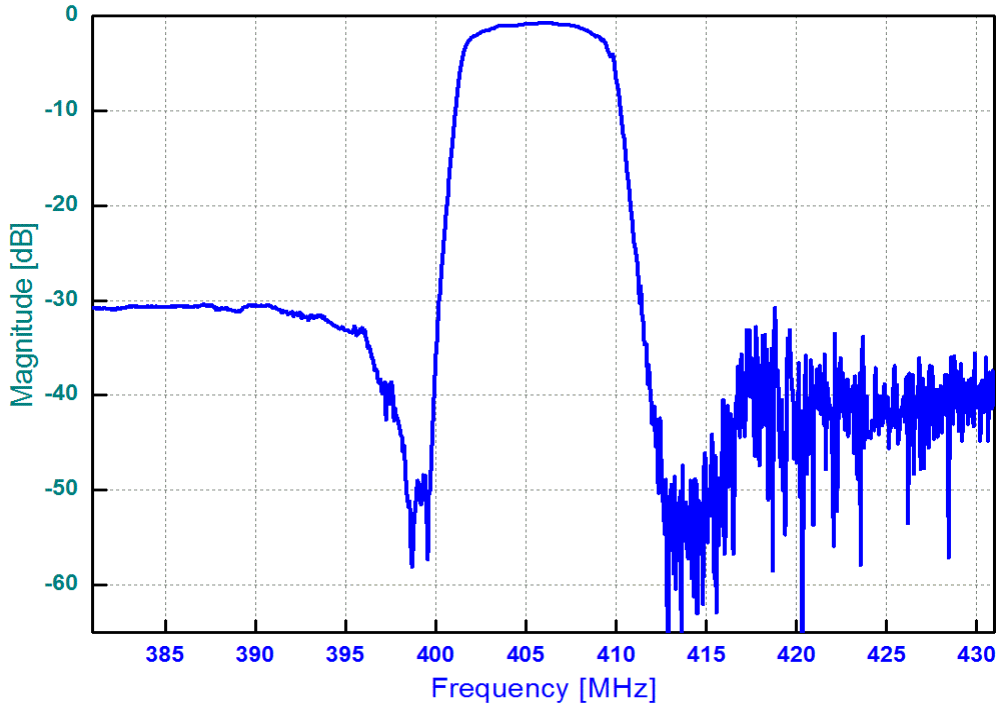


Testing Environment

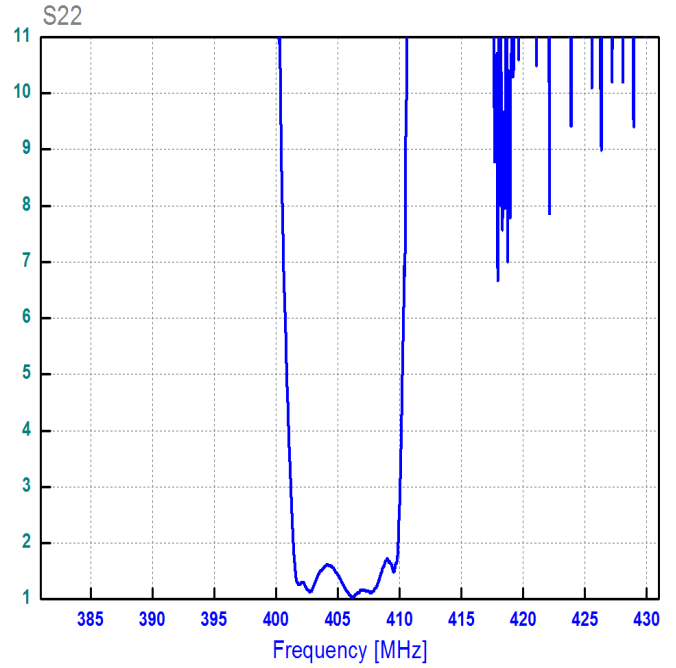
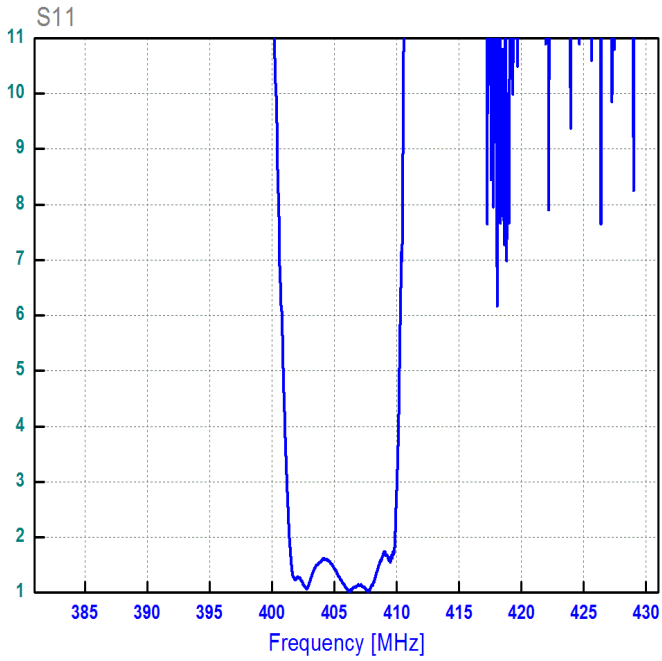


Frequency Characteristics

Frequency Response



VSWR



Smith Chart

