

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

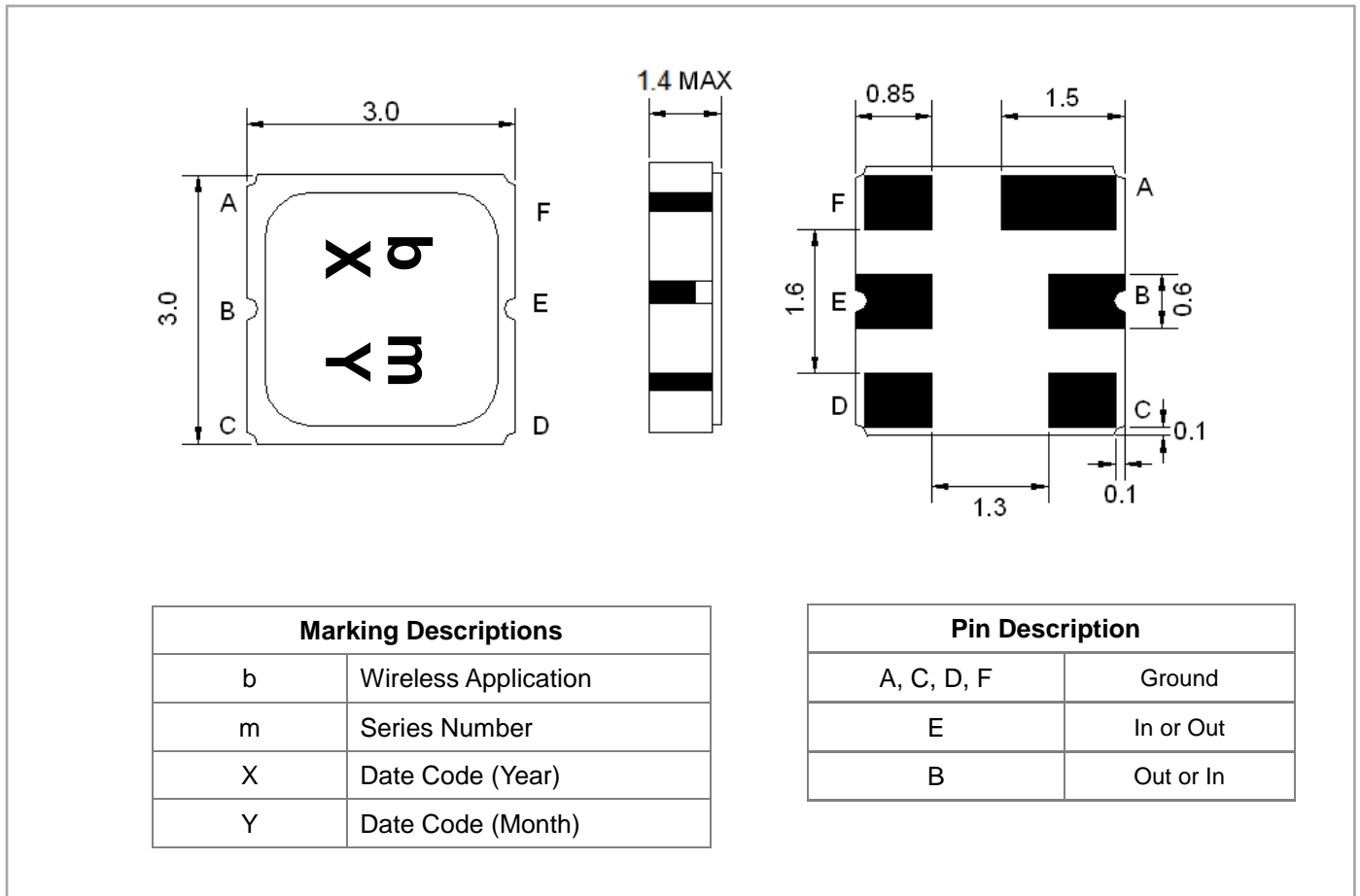
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	0	-	+50
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	15
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

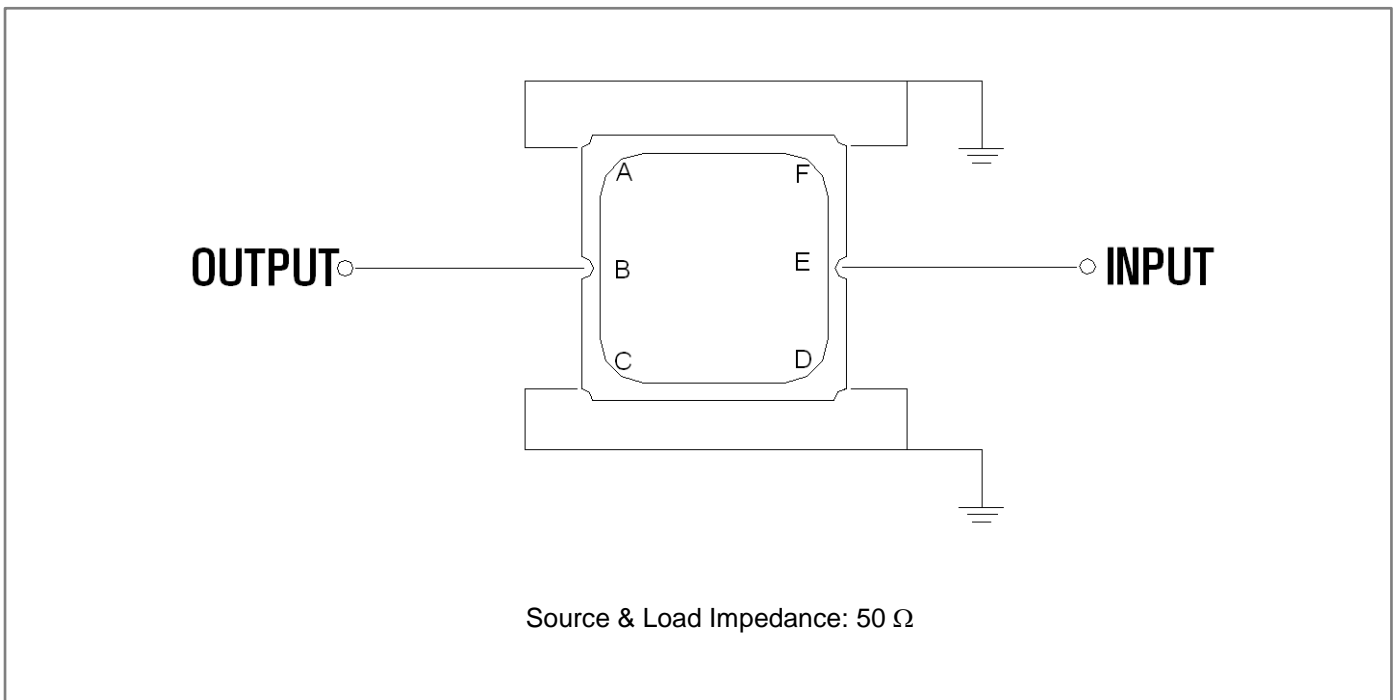
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	847.0	-
Insertion Loss within 842.0 ~ 852.0 MHz	dB	-	2.1	3.0
Amplitude Ripple within 842.0 ~ 852.0 MHz	dB _{p-p}	-	0.4	1.0
Return Loss within 842.0 ~ 852.0 MHz	dB	10	12	-
Attenuation:				
702.0 ~ 712.0 MHz	dB	50	60	-
1000.0 ~ 3000.0 MHz	dB	30	33	-
20.0 ~ 650.0 MHz	dB	50	60	-
912.0 ~ 922.0 MHz	dB	45	60	-
772.0 ~ 782.0 MHz	dB	45	55	-
801.0 ~ 811.0 MHz	dB	40	53	-

Notes: (1) No Matching Network

Package Dimensions

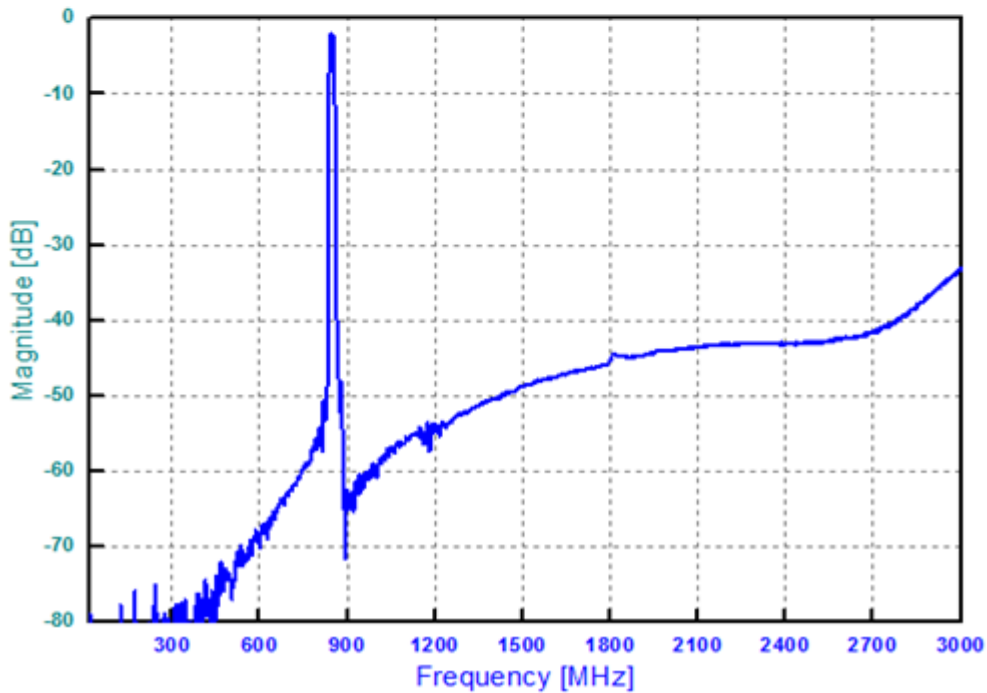
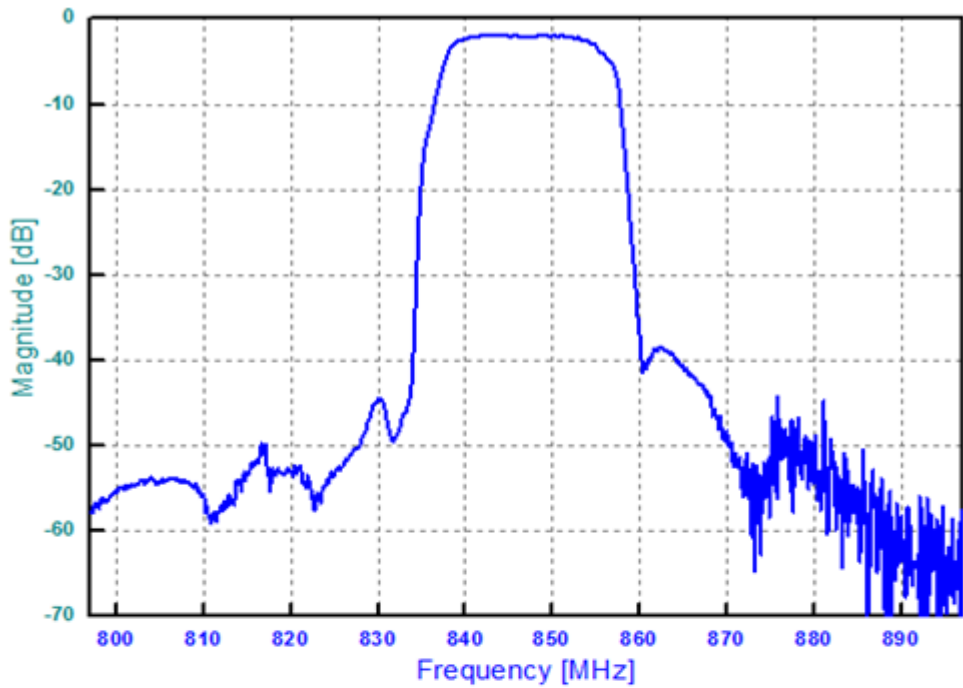


Testing Environment

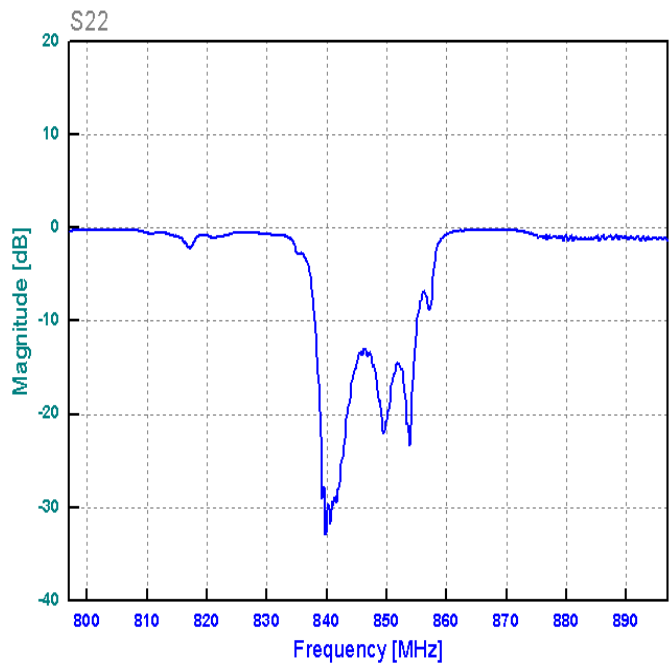
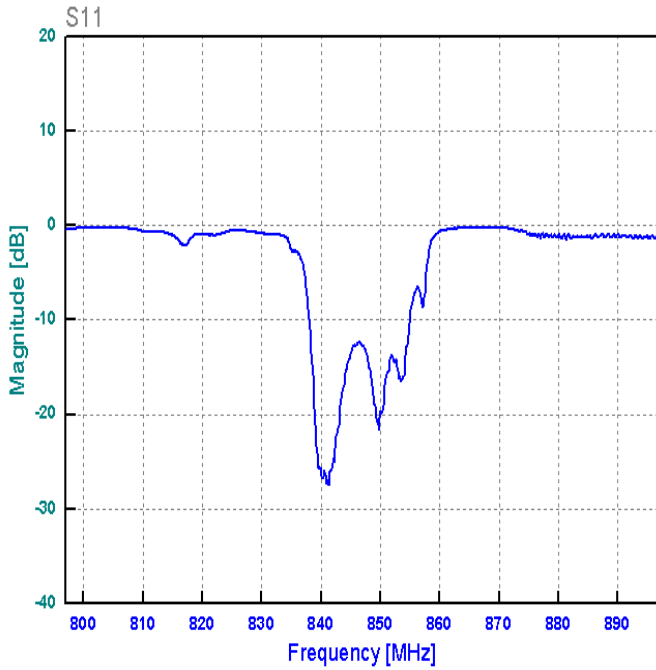


Frequency Characteristics

Frequency Response



Return Loss



Smith Chart

