

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

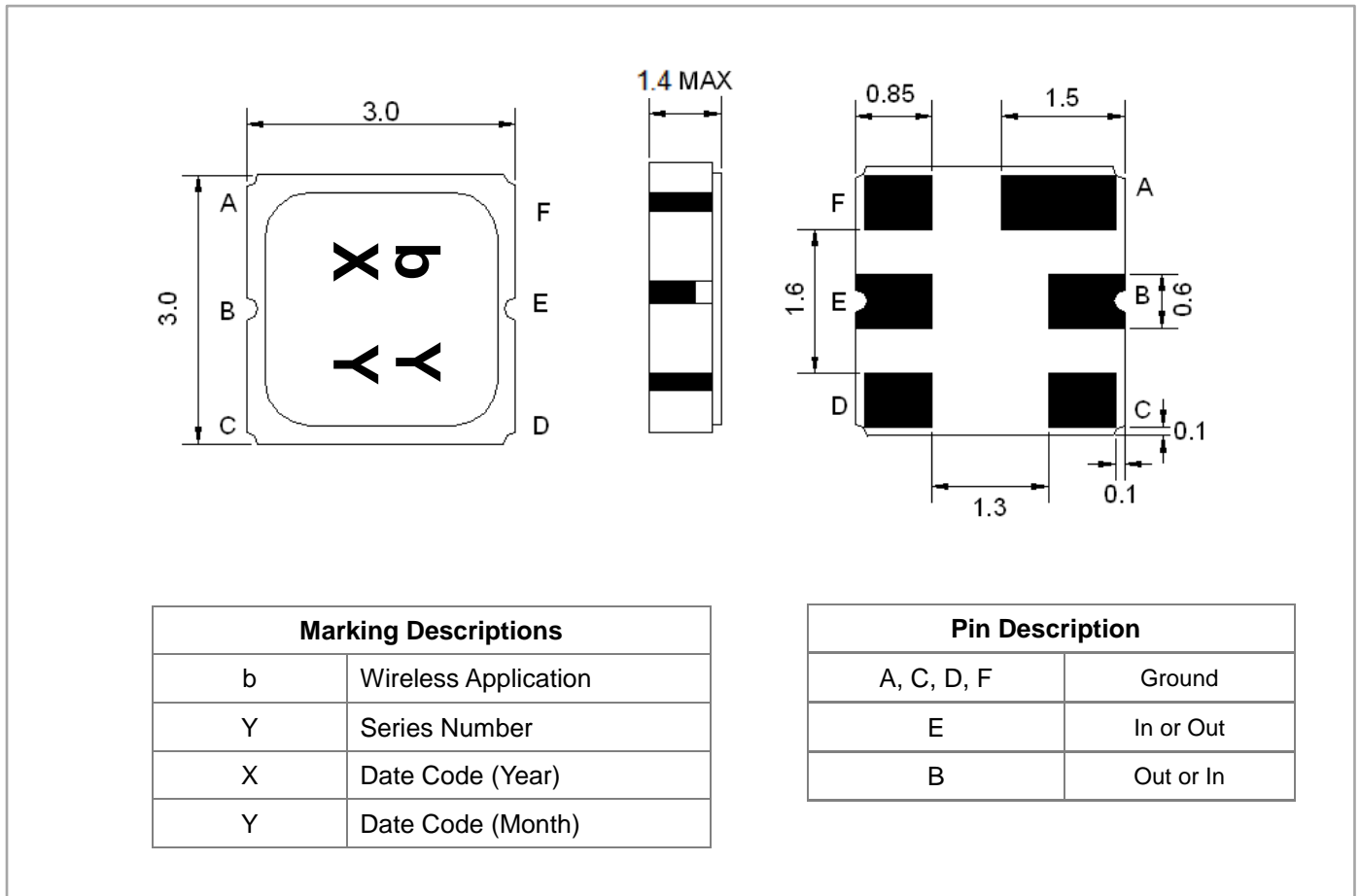
Electrical Characteristics

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

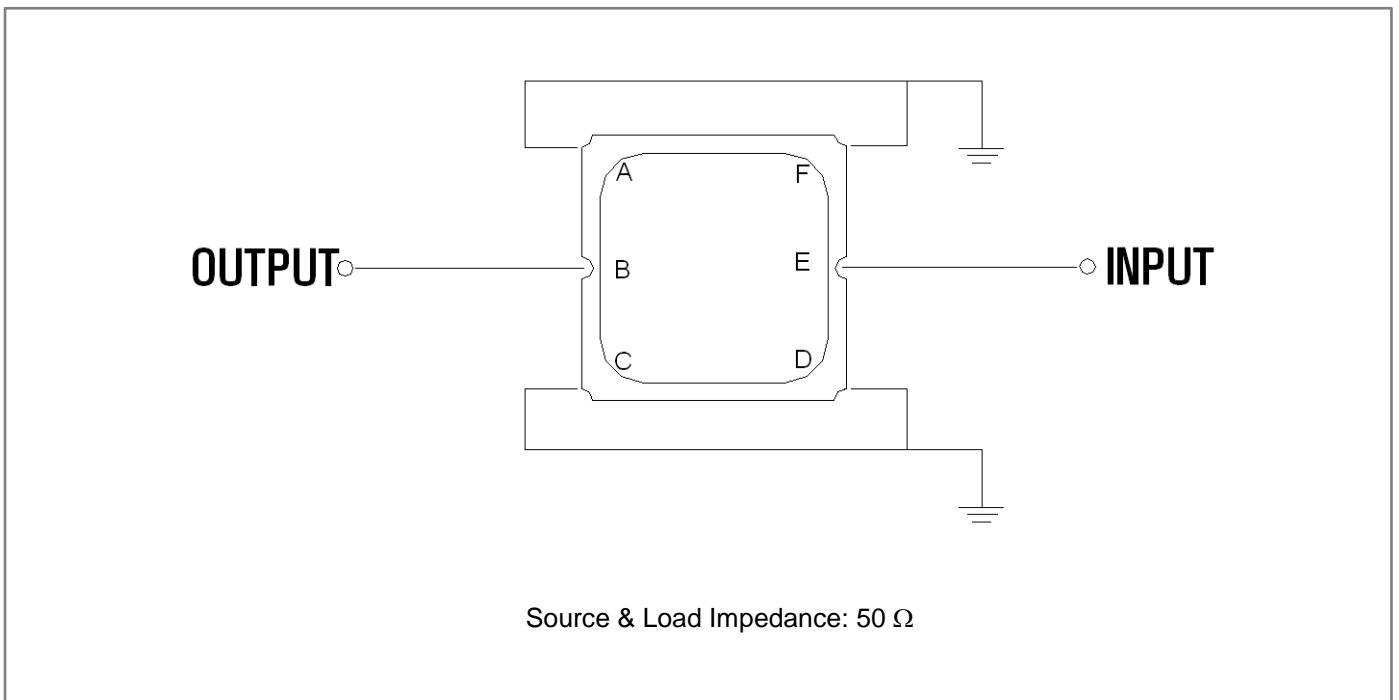
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	867.5	-
Insertion Loss within 860.0 ~ 875.0 MHz	dB	-	1.5	3.0
Amplitude Ripple within 860.0 ~ 875.0 MHz	dB _{p-p}	-	0.7	1.5
Return Loss within 860.0 ~ 875.0 MHz	dB	9	12	-
Attenuation:				
523.0 ~ 538.0 MHz	dB	30	36	-
1000.0 ~ 3000.0 MHz	dB	30	35	-
20.0 ~ 400.0 MHz	dB	30	38	-
1028.5 ~ 1043.5 MHz	dB	30	36	-
815.0 ~ 830.0 MHz	dB	30	40	-

Notes: (1) No Matching Network

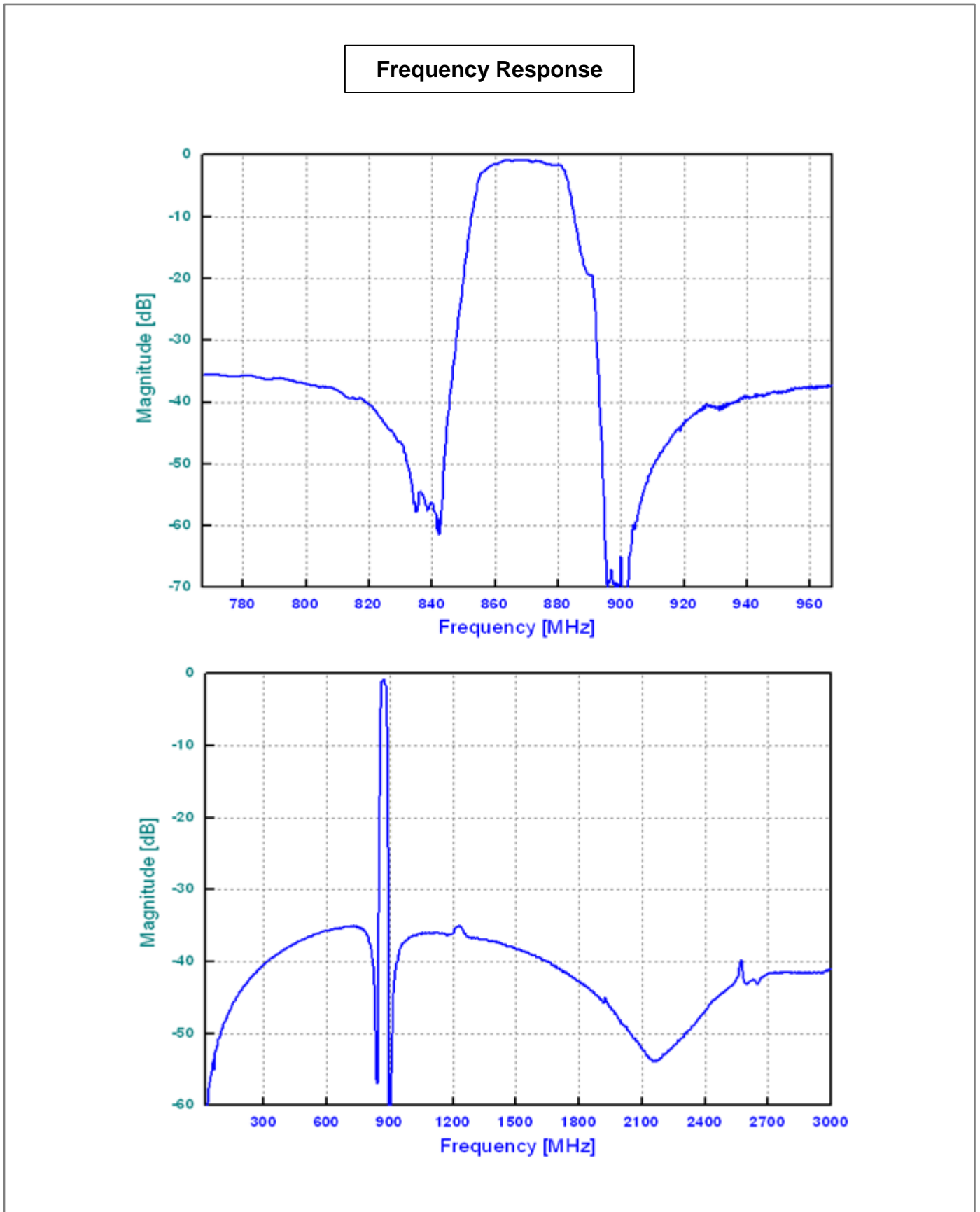
Package Dimensions



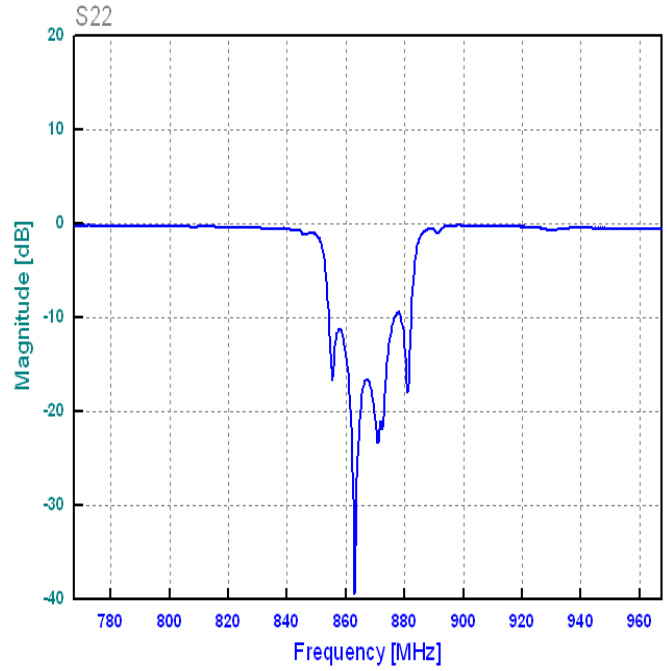
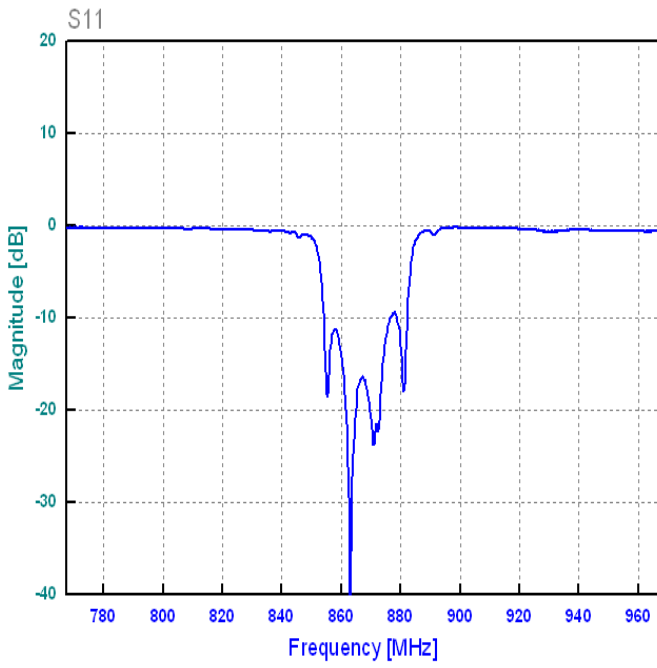
Testing Environment



Frequency Characteristics



Return Loss



Smith Chart

