

- Wireless, RF SAW Filter
- Revision1: November 2010

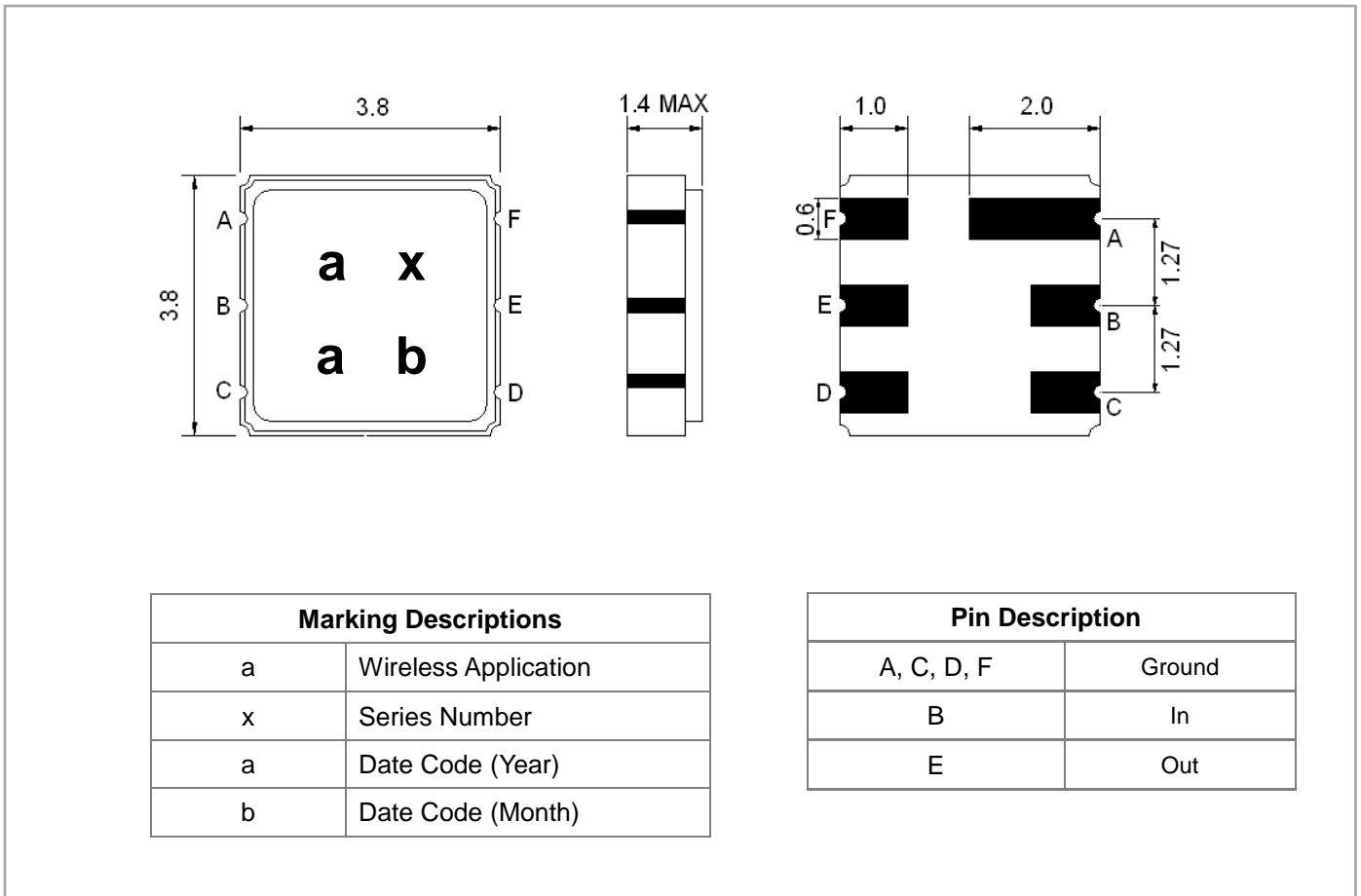
## Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-40	-	+95
Storage Temperature Range	°C	-40	-	+105
Maximum DC Voltage	V	-	-	10
Maximum Input Power	dBm	-	-	10
Source Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Load Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Package type & size	P			
Length x Width	mm <sup>2</sup>	-	3.8 x 3.8	-
Height	mm	-	-	1.4

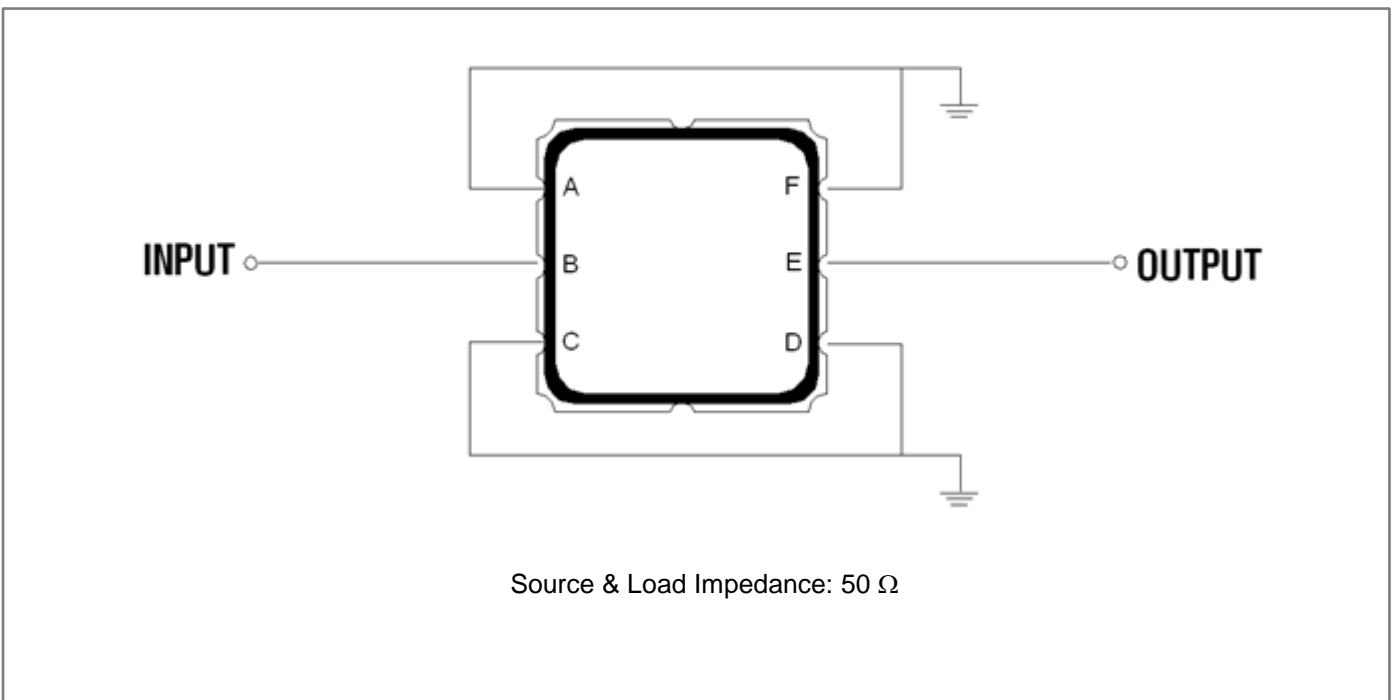
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	865.0	-
Insertion Loss within 863.5 ~ 866.5 MHz	dB	-	2.7	3.5
Amplitude Ripple within 863.5 ~ 866.5 MHz	dB <sub>p-p</sub>	-	0.3	1.0
Return Loss within 863.5 ~ 866.5 MHz	dB	9	10	-
<b>Attenuation:</b>				
830.0 ~ 840.0 MHz	dB	40	48	-
880.0 ~ 890.0 MHz	dB	35	45	-

**Notes:** (1) No Matching Network

## Package Dimensions

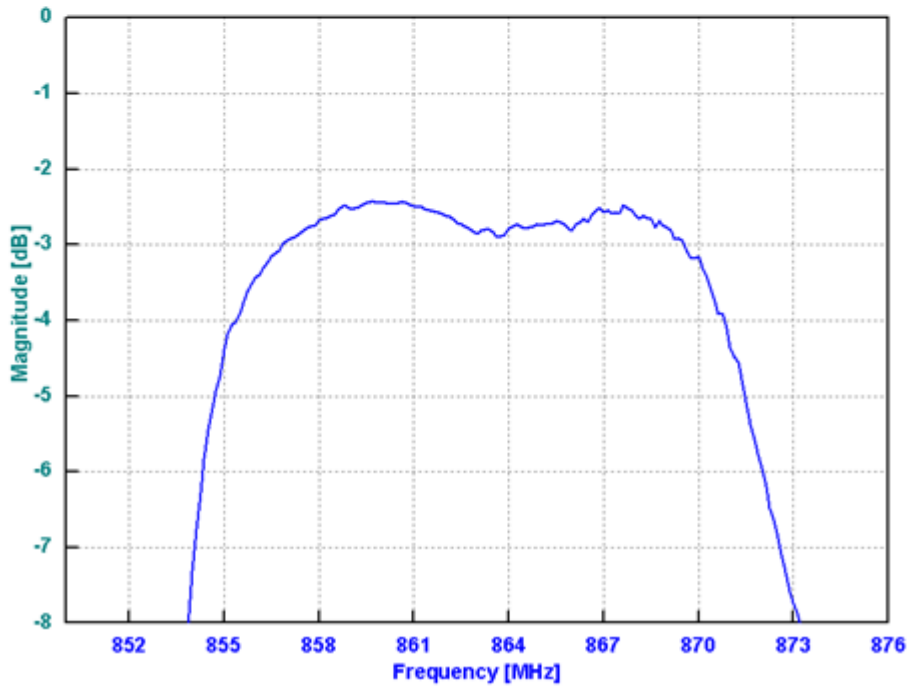
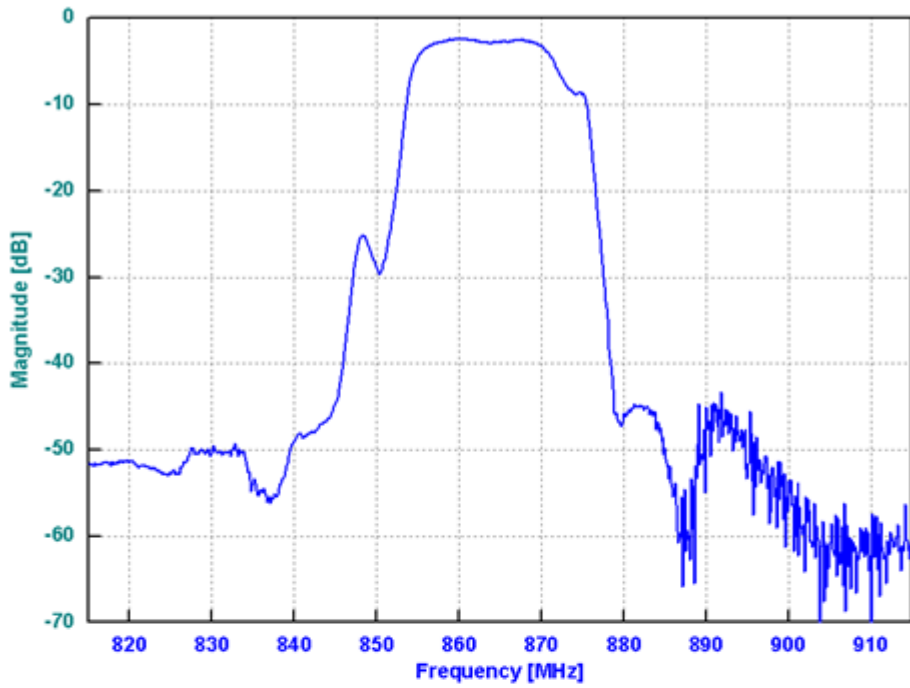


## Testing Environment

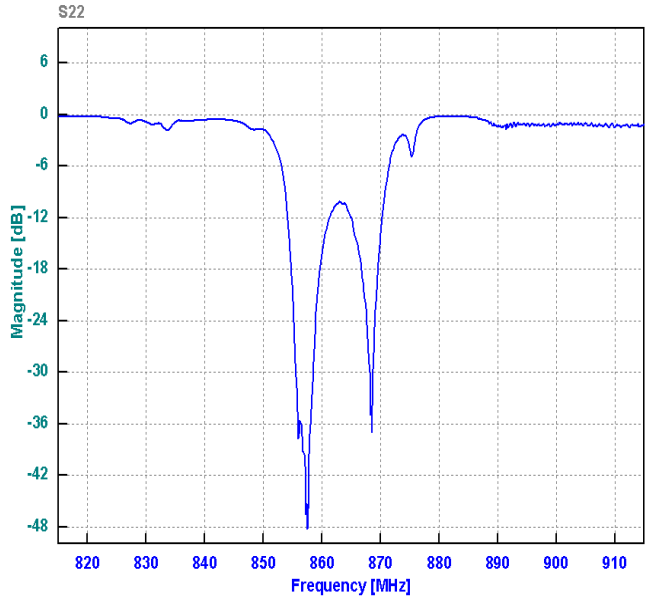
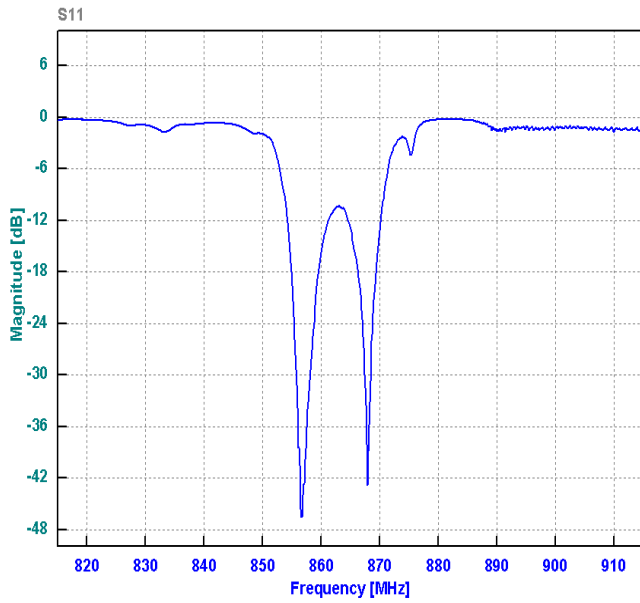


## Frequency Characteristics

**Frequency Response**



## Return Loss



## Smith Chart

