

- LTE, Balanced RF SAW Filter
- Revision 0: November 2011

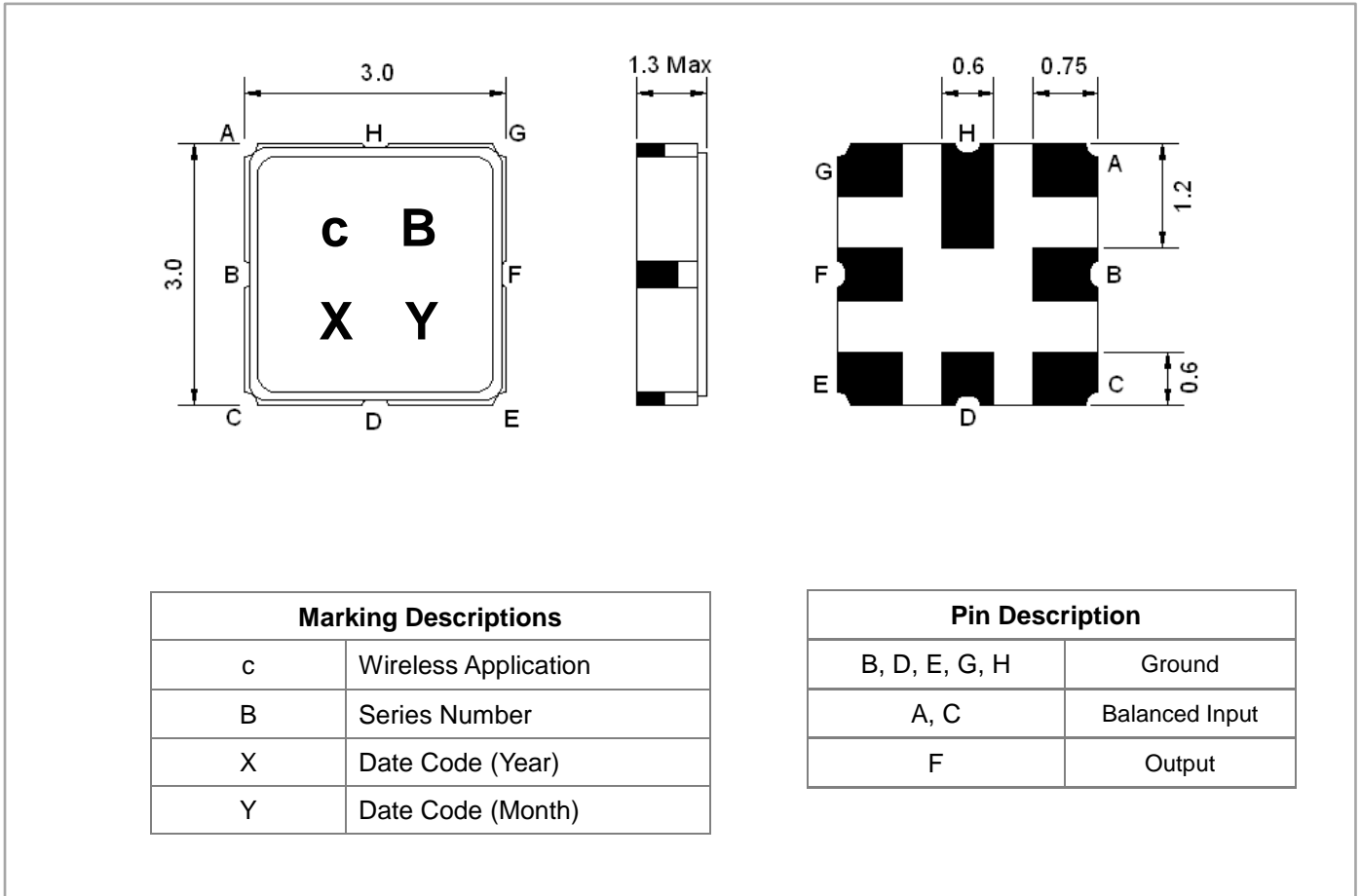
## Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+80
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	10
Source Impedance (Balanced ended) <sup>(1)</sup>	Ω	-	100	-
Load Impedance (Single ended) <sup>(1)</sup>	Ω	-	50	-
Package type & size	M1			
Length x Width	mm <sup>2</sup>	-	3.0 x 3.0	-
Height	mm	-	-	1.3

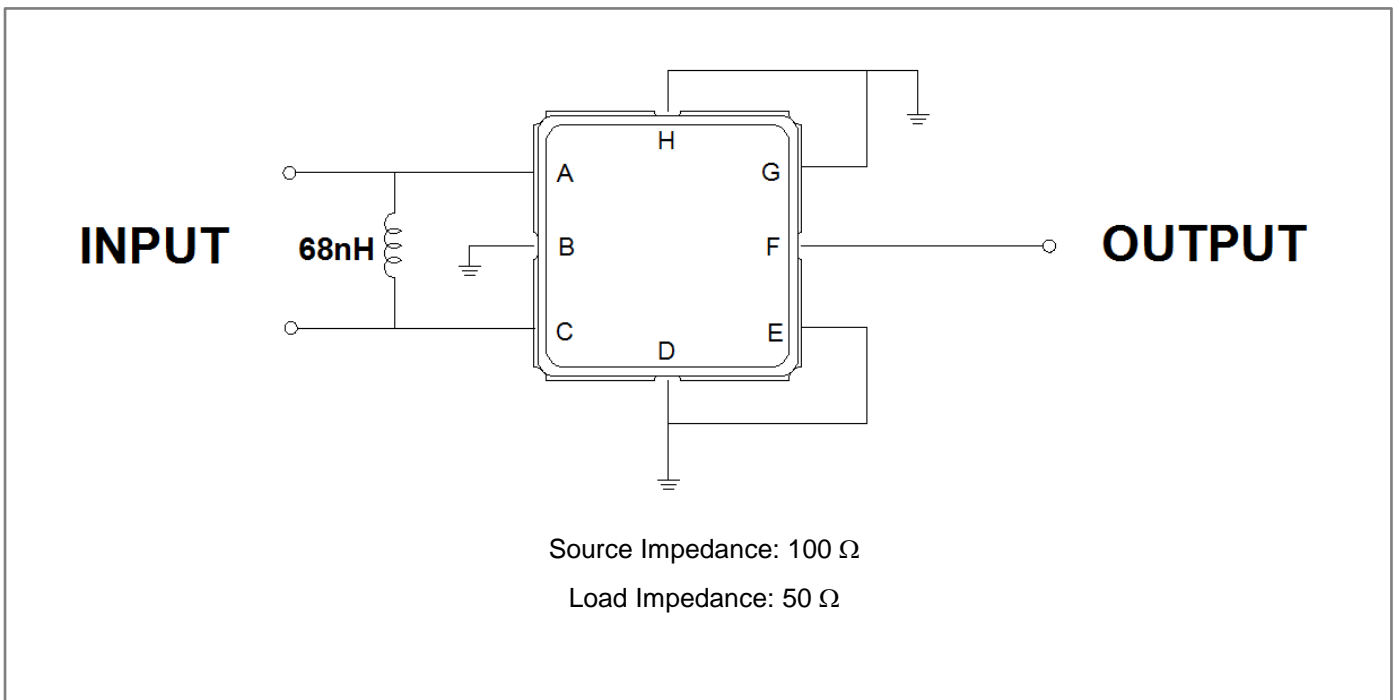
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	858.5	-
Insertion Loss within 851.0 ~ 866.0 MHz	dB	-	2.2	3.2
Amplitude Ripple within 851.0 ~ 866.0 MHz	dB <sub>P-P</sub>	-	0.3	1.0
<b>Attenuation:</b>				
D.C ~ 806.0 MHz	dB	50	60	-
806.0 ~ 821.0 MHz	dB	40	46	-
910.0 ~ 958.0 MHz	dB	33	36	-
VSWR within 851.0 ~ 866.0 MHz	-	-	1.9	2.5

**Notes :** (1) With Matching Network.

## Package Dimensions

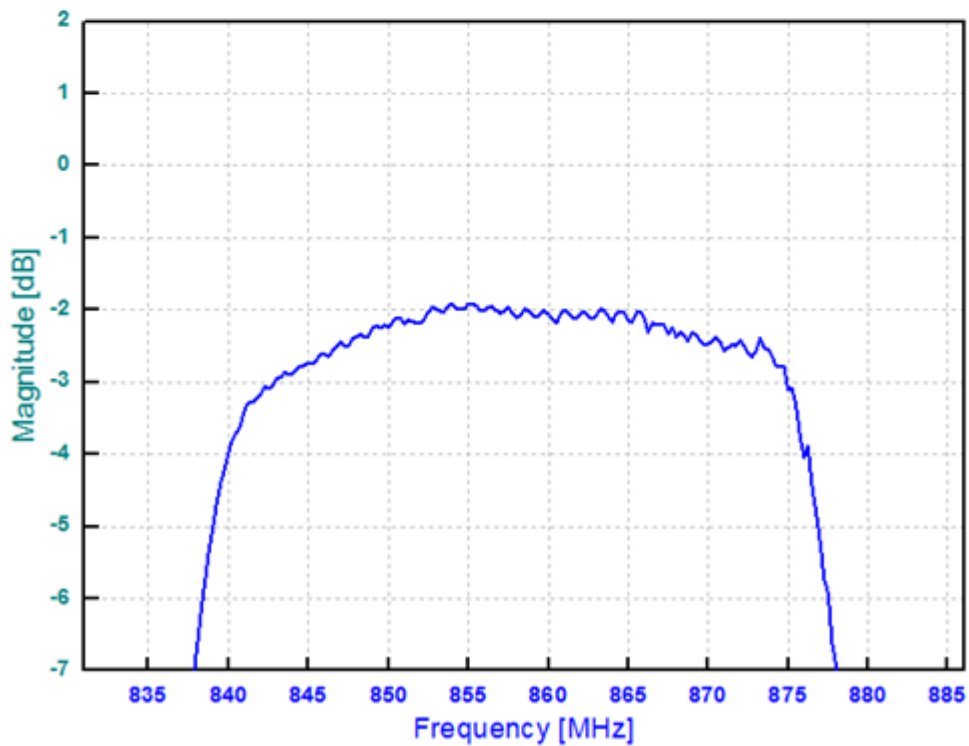
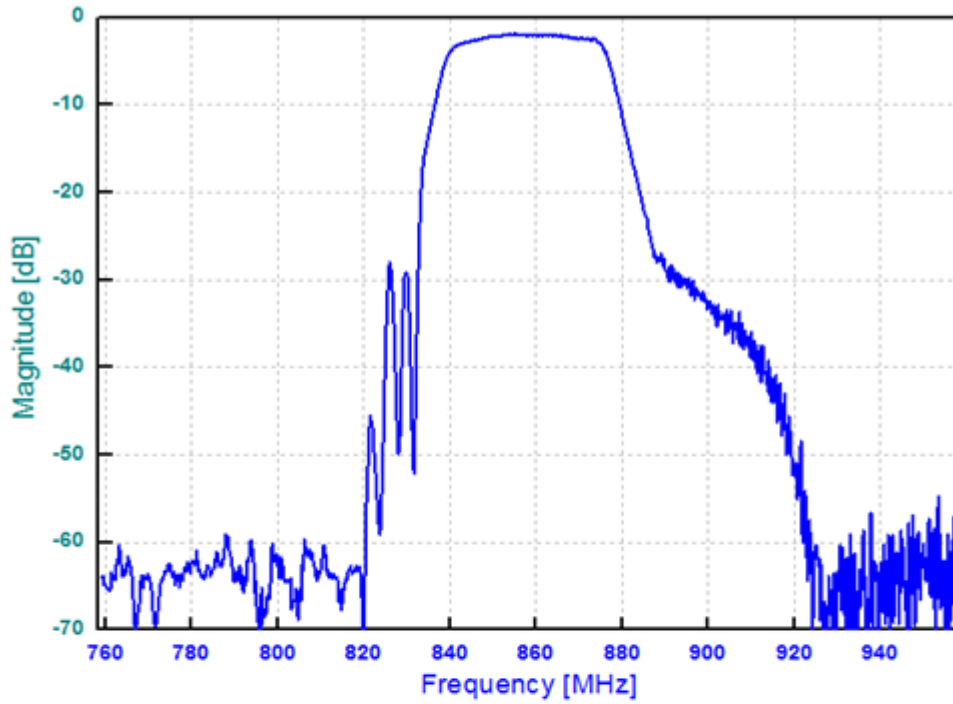


## Testing Environment

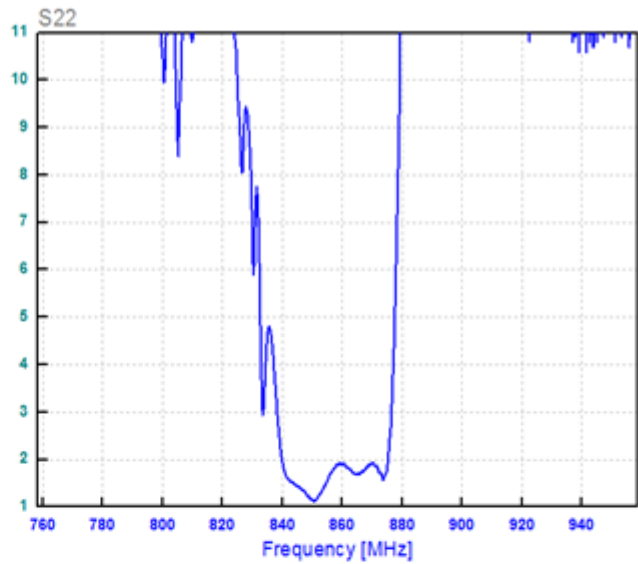
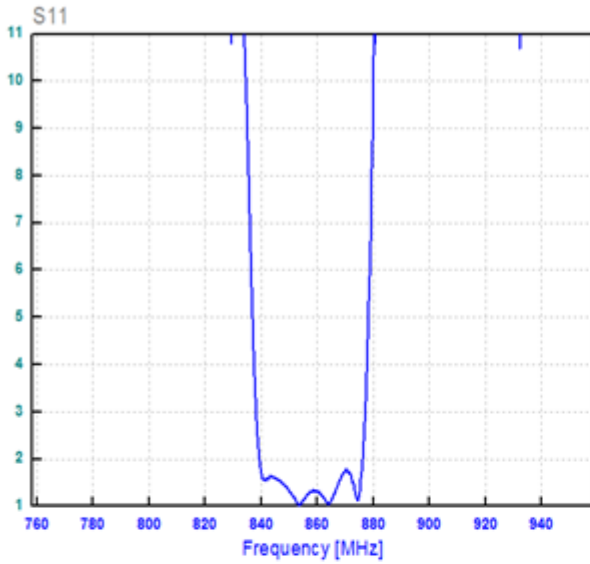


## Frequency Characteristics

Frequency Response



## VSWR



## Smith Chart

