

- LTE, Balanced RF SAW Filter
- Revision 0: September 2010

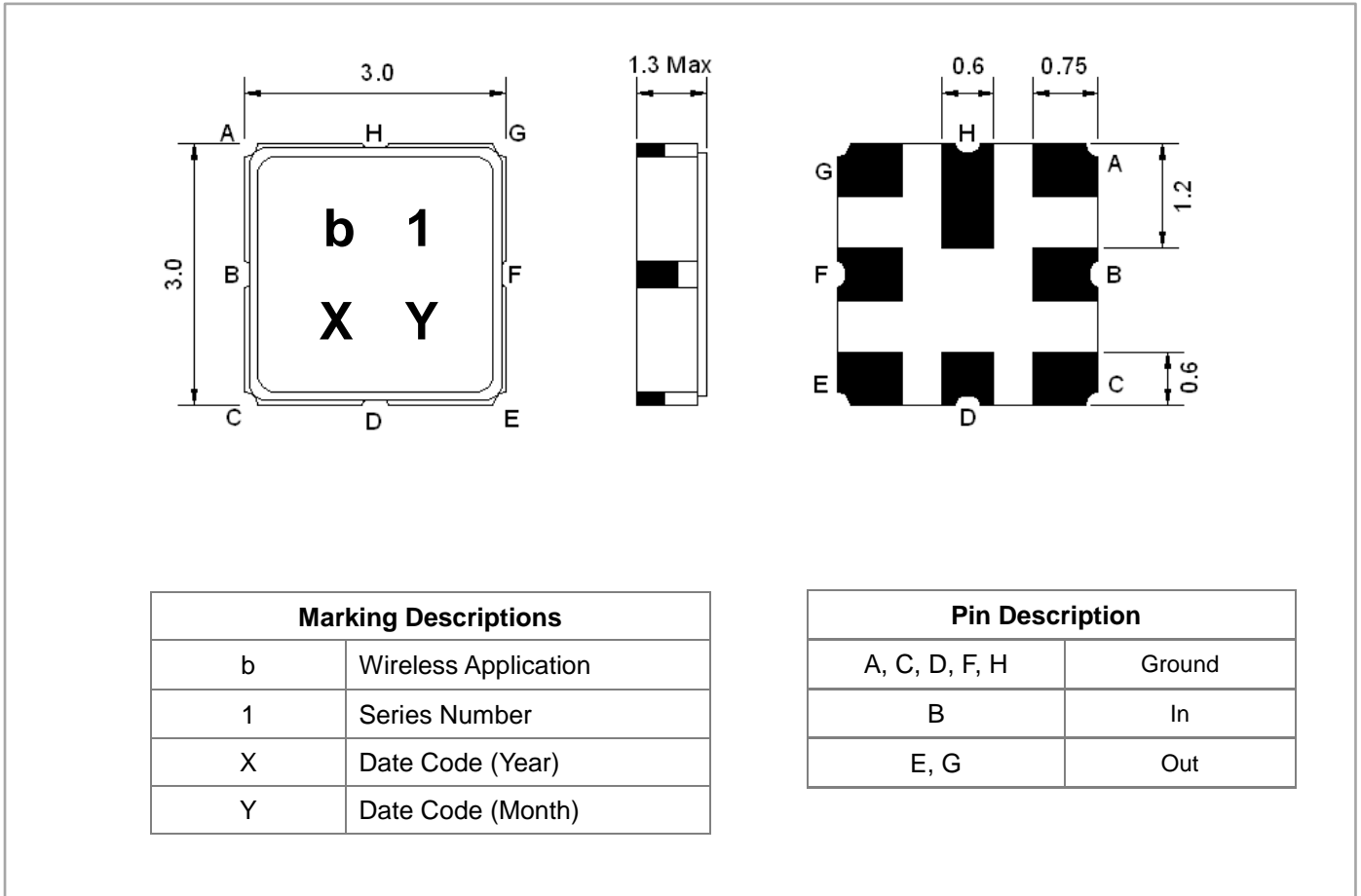
Electrical Characteristics

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 (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (balanced ended) ⁽¹⁾	Ω	-	100	-
Package type & size	M1			
Length x Width	mm ²	-	3.0 x 3.0	-
Height	mm	-	-	1.3

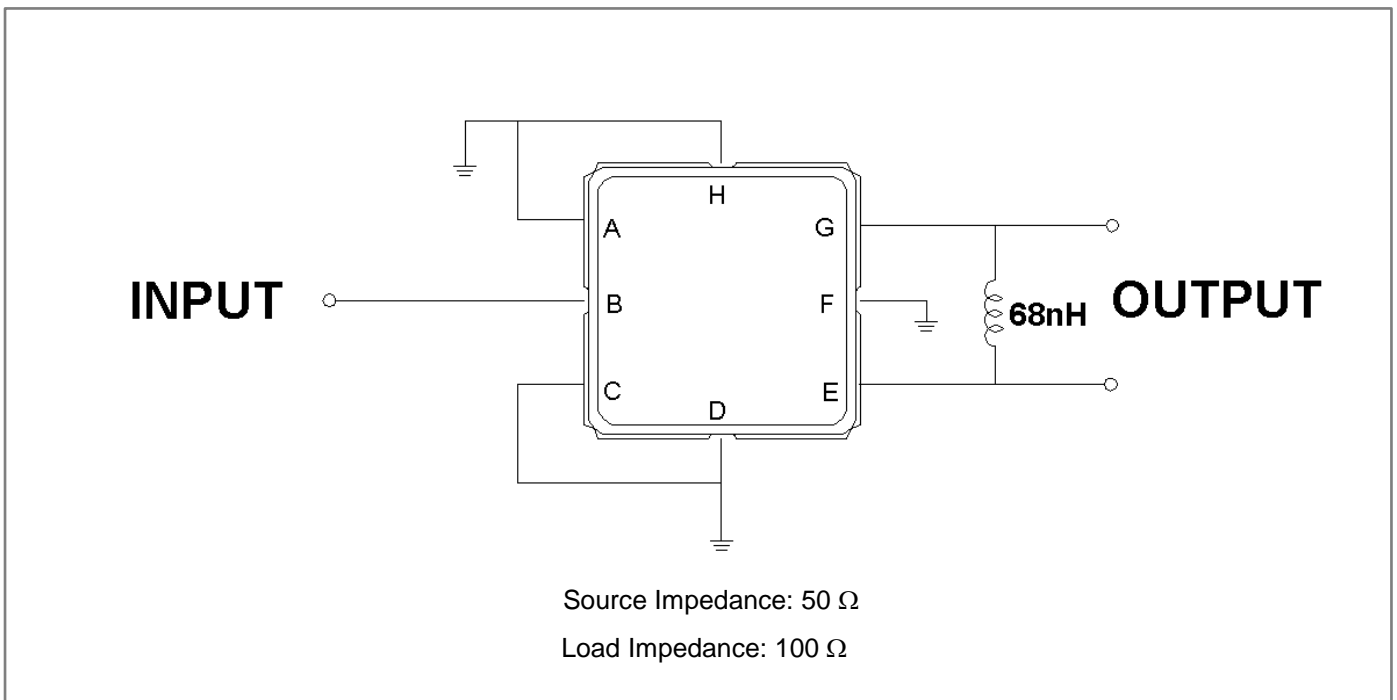
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	806.0	-
Insertion Loss within 791.0 ~ 821.0 MHz	dB	-	3.0	4.5
Amplitude Ripple within 791.0 ~ 821.0 MHz	dB _{P-P}	-	1.2	2.2
Attenuation:				
D.C ~ 760.0 MHz	dB	45	55	-
832.0 ~ 862.0 MHz	dB	12	23	-
862.0 ~ 910.0 MHz	dB	35	45	-
VSWR within 791.0 ~ 821.0 MHz	-	-	2.0	2.5

Notes: (1) With Matching Network.

Package Dimensions

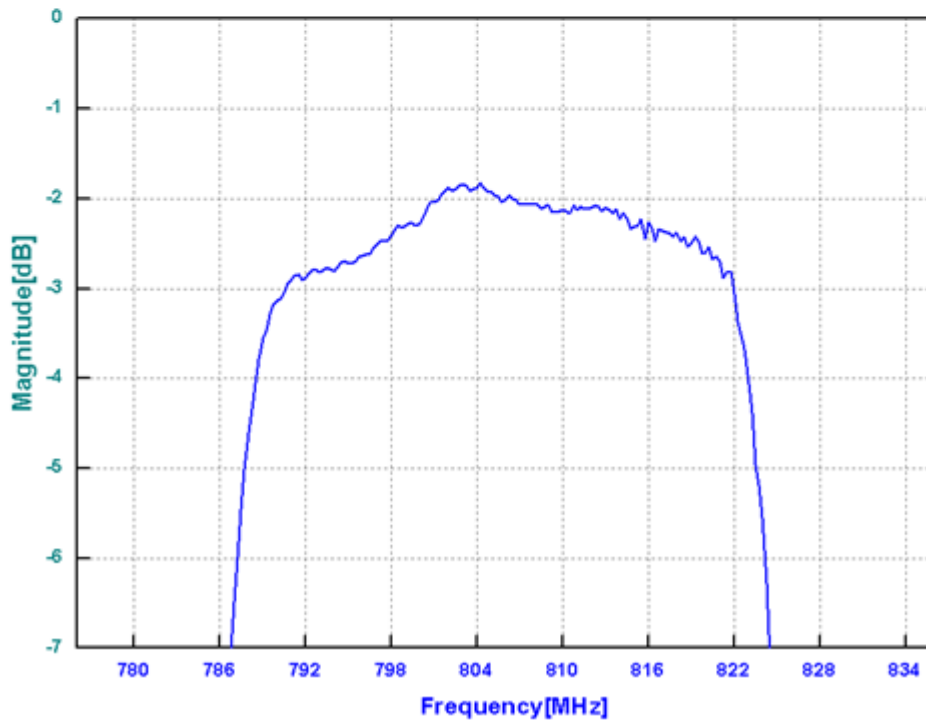
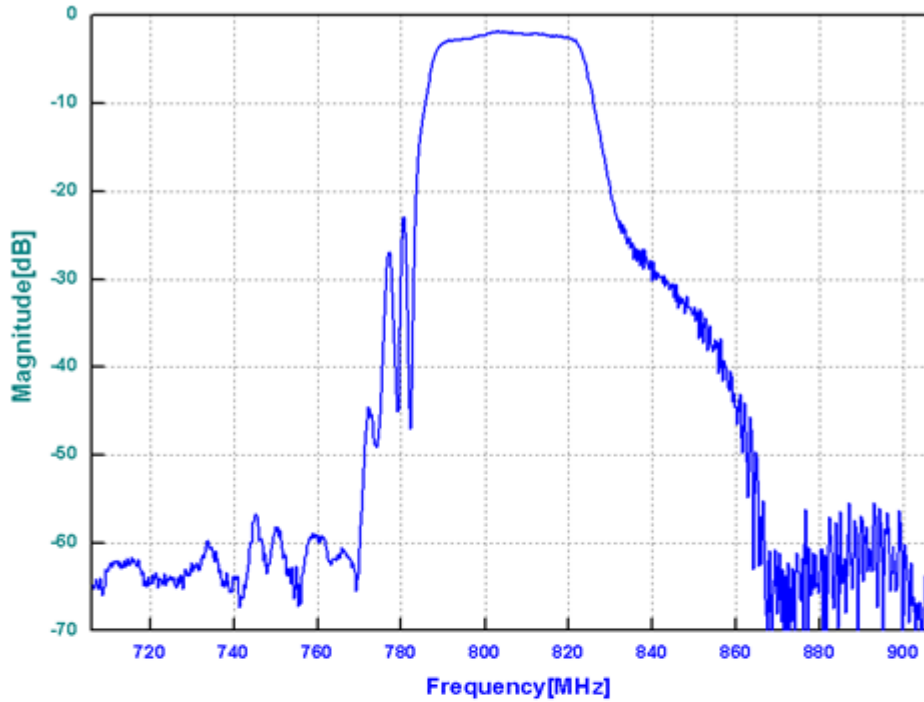


Testing Environment

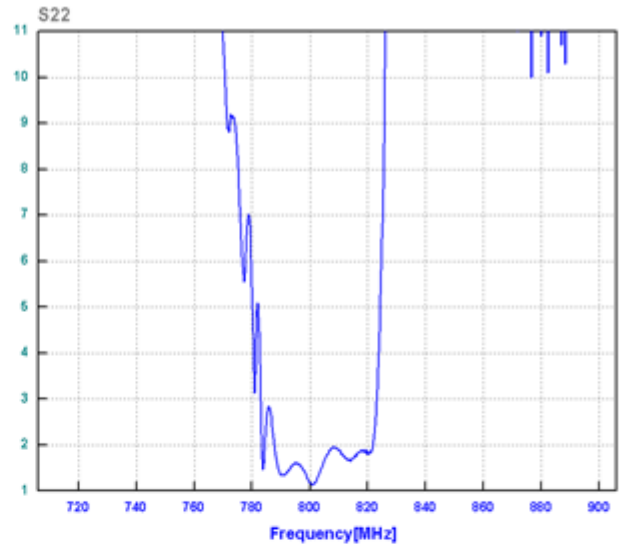
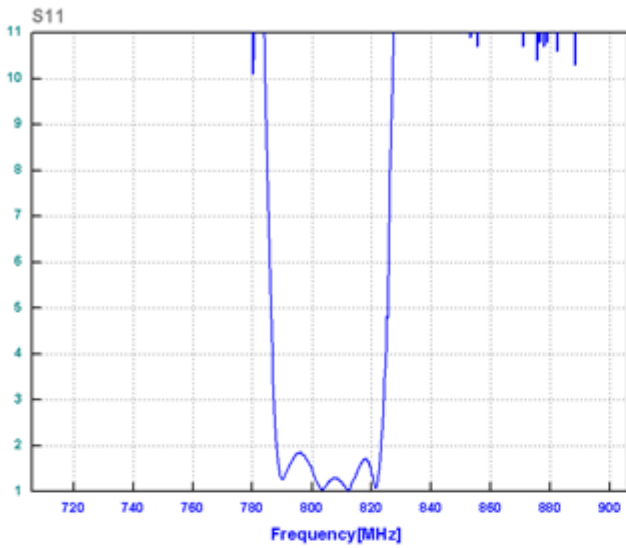


Frequency Characteristics

Frequency Response



VSWR



Smith Chart

