

- LTE, RF SAW Filter
- Revision 0: September 2011

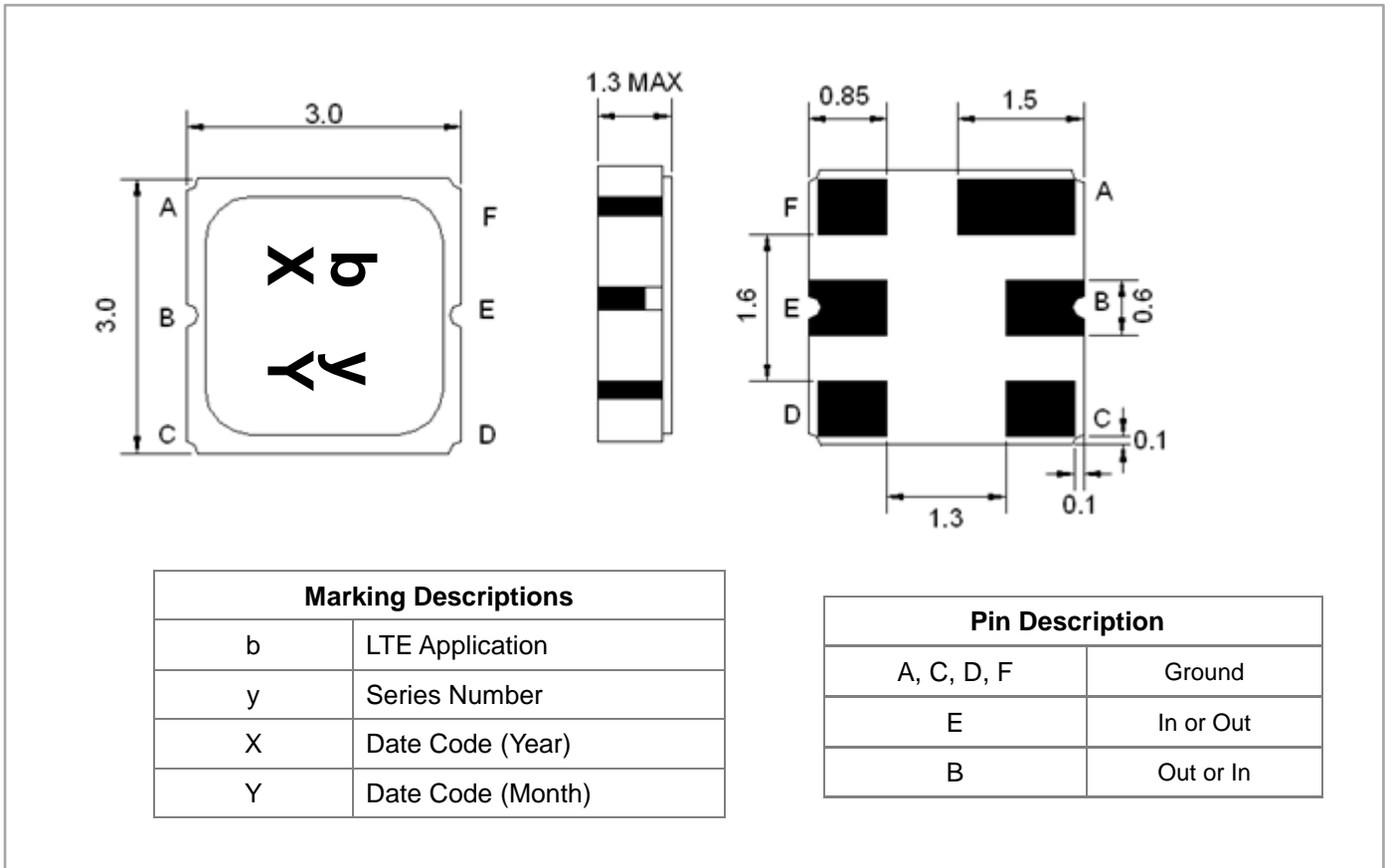
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+85
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

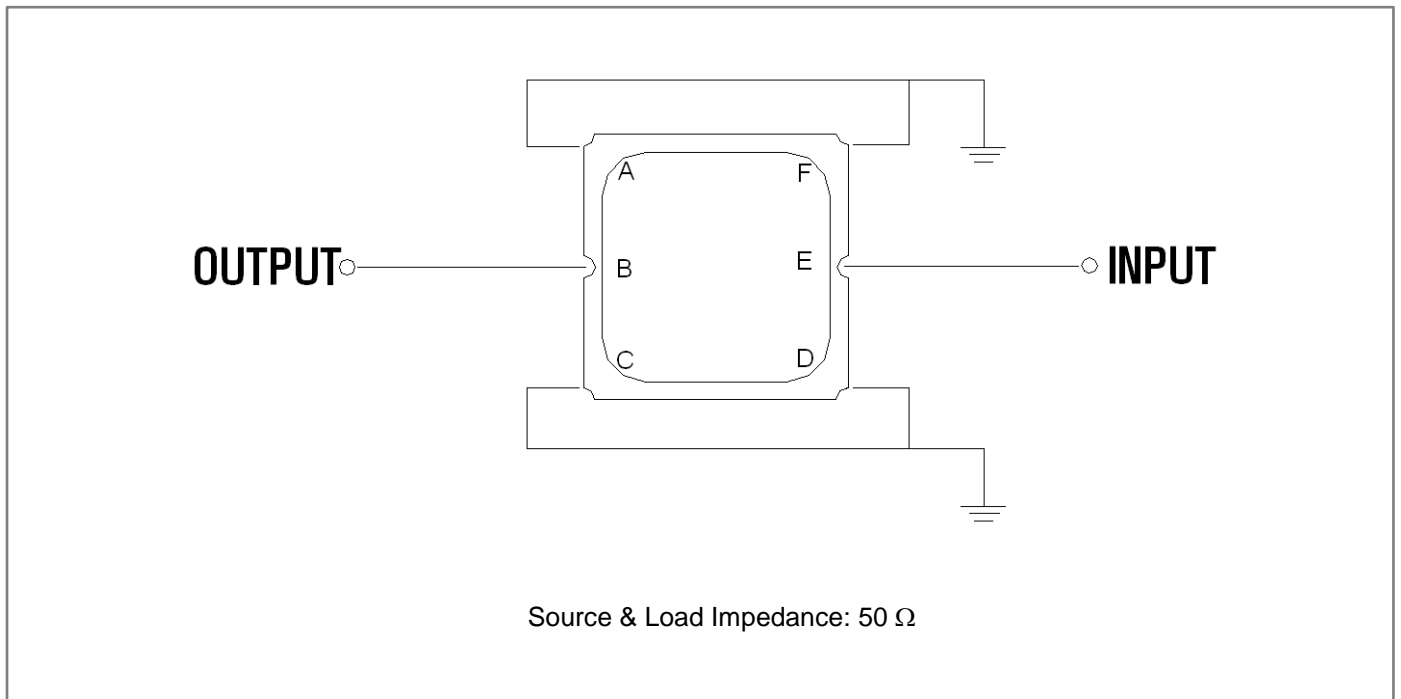
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	1855.0	-
Insertion Loss within 1850.0 ~ 1860.0 MHz	dB	-	1.2	3.0
Amplitude Ripple within 1850.0~1860.0 MHz	dB _{p-p}	-	0.2	1.0
Attenuation:				
1600.0 ~ 1755.0 MHz	dB	40	46	-
1755.0 ~ 1765.0 MHz	dB	40	46	-
1950.0 ~2000.0 MHz	dB	40	51	-
VSWR within 1850.0 ~ 1860.0 MHz	-	-	1.4	2.0

Notes: (1) No Matching Network (Ref. Testing Environment Circuit as shown below).

Package Dimensions

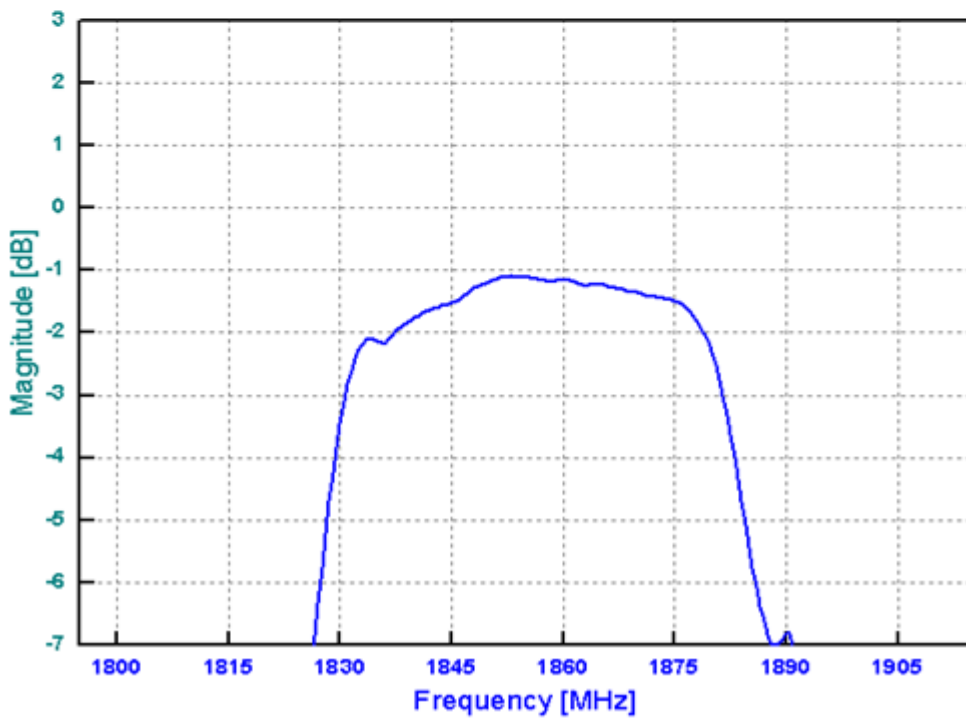
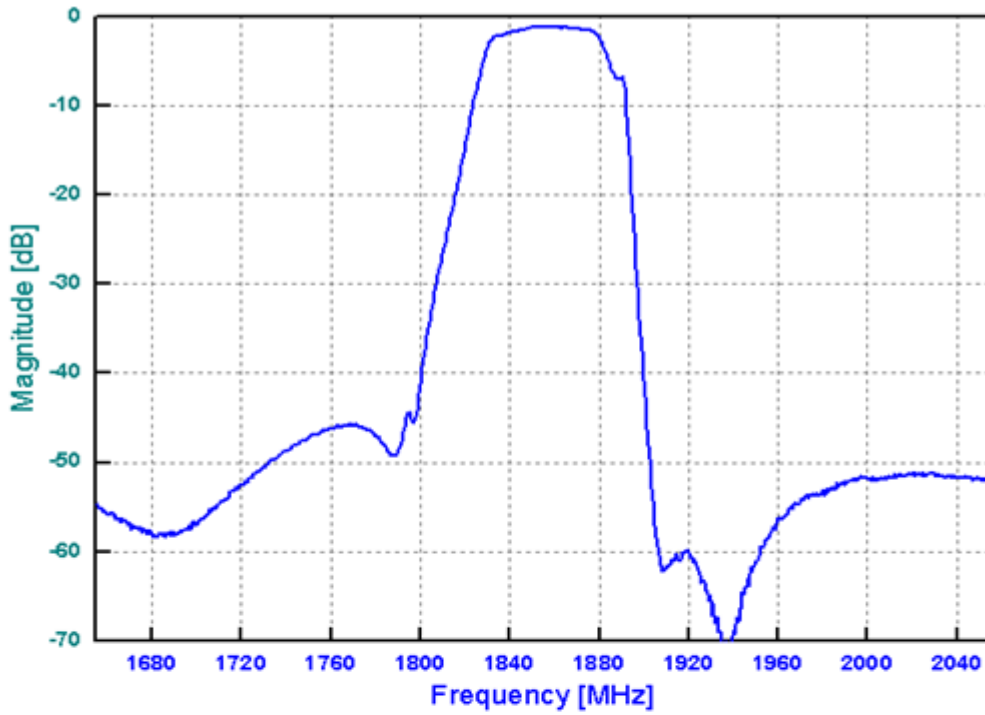


Testing Environment

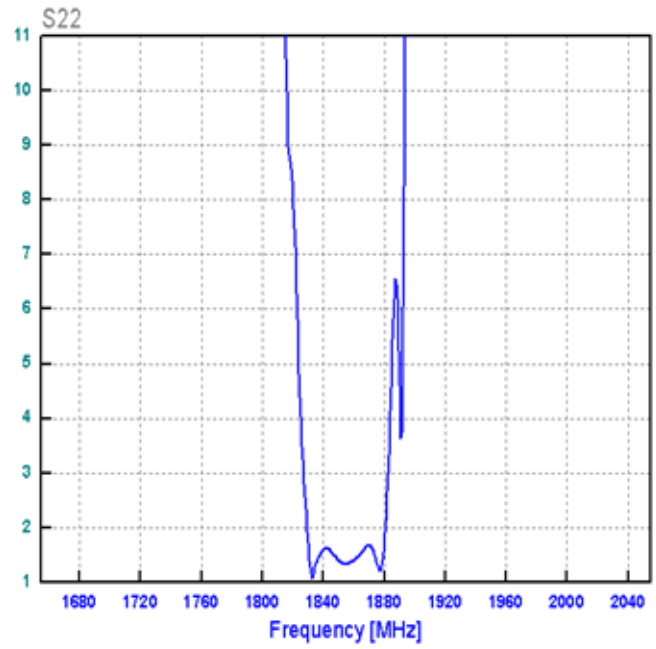
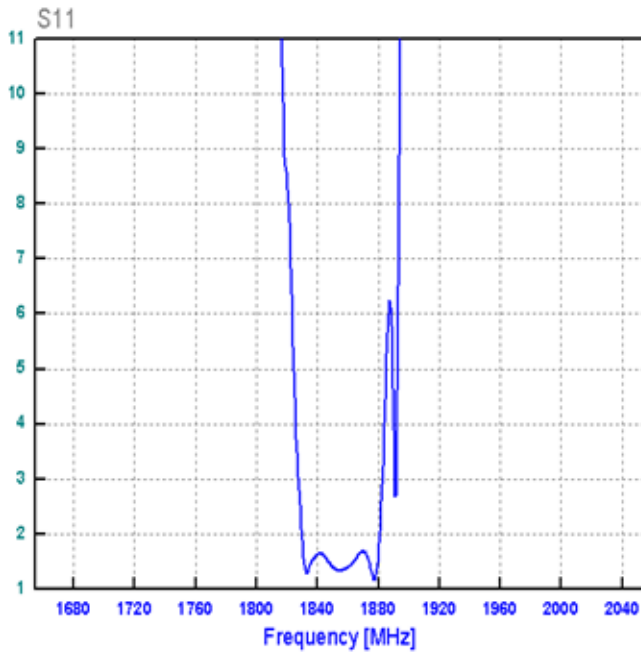


Frequency Characteristics

Frequency Response



VSWR



Smith Chart

