

- LTE, RX RF SAW Filter
- Revision 0: February 2011

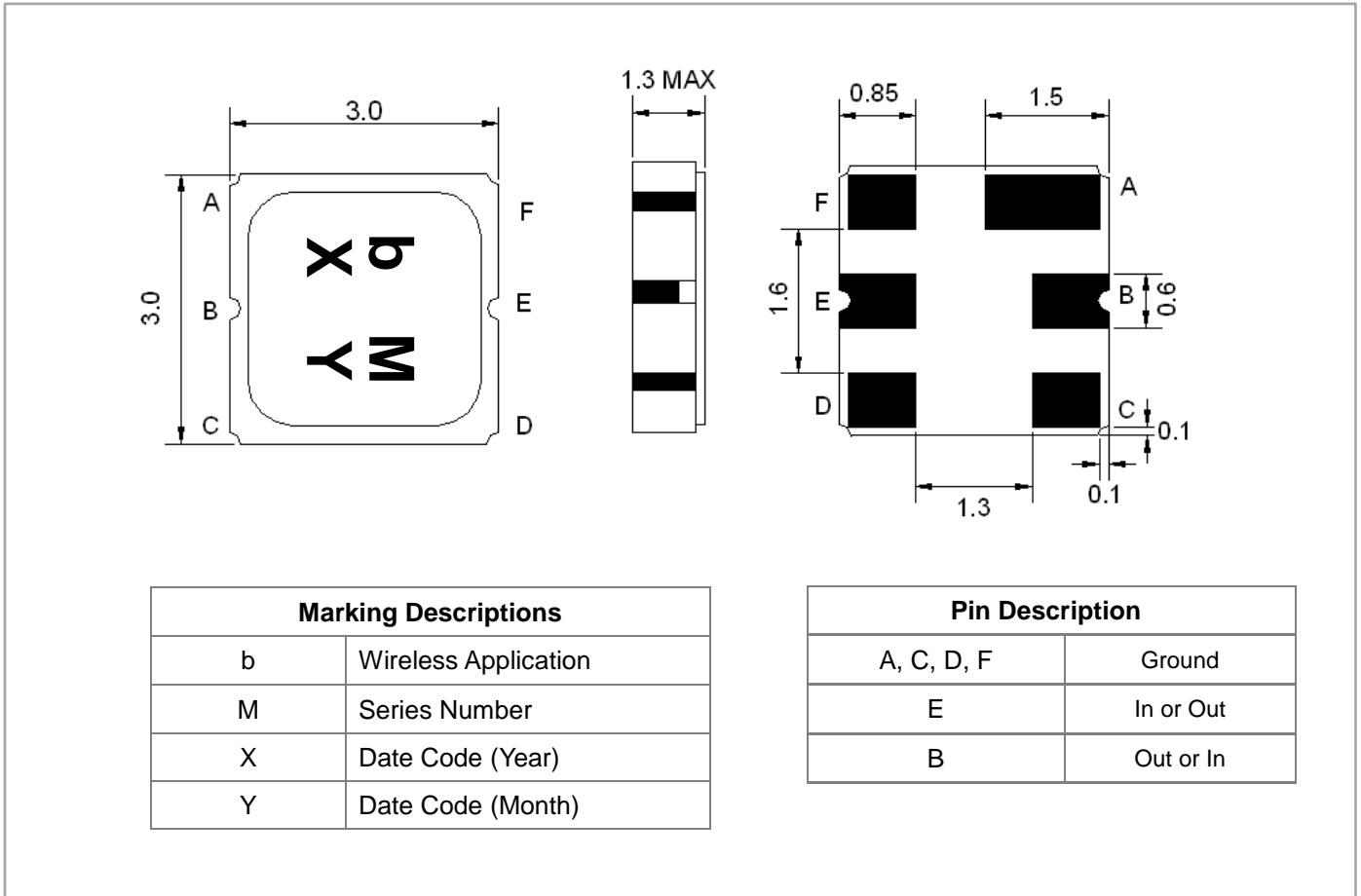
## Electrical Characteristics

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	-	-	0
Source Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Load Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Package type & size	M			
Length x Width	mm <sup>2</sup>	-	3.0 x 3.0	-
Height	mm	-	-	1.3

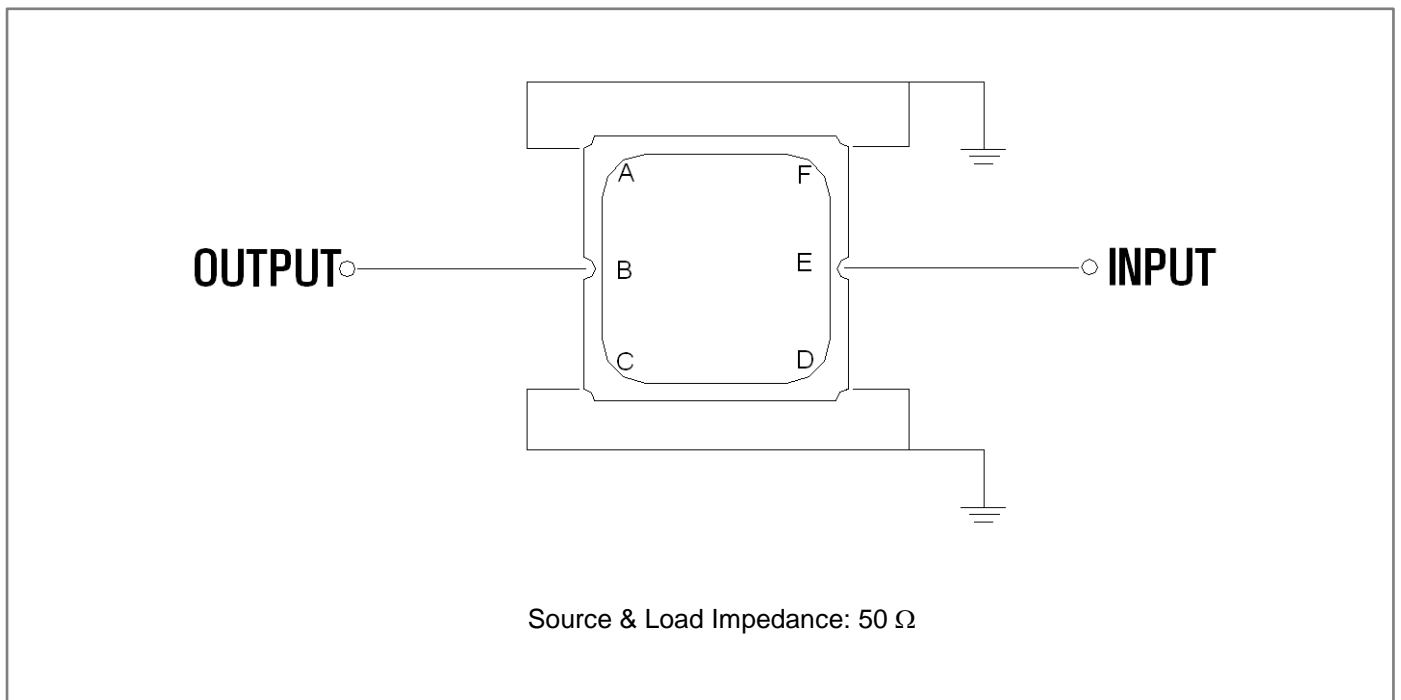
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	751.5	-
Insertion Loss within 746.0 ~ 757.0 MHz	dB	-	2.1	3.0
Amplitude Ripple within 746.0~757.0MHz	dB <sub>p-p</sub>	-	0.7	1.5
<b>Attenuation:</b>				
0.3 ~ 698.0 MHz	dB	40	50	-
698.0 ~ 716.0 MHz	dB	40	50	-
716.0 ~ 728.0 MHz	dB	40	50	-
776.0 ~ 787.0 MHz	dB	25	30	-
788.0 ~ 793.0 MHz	dB	40	50	-
793.0 ~ 805.0 MHz	dB	45	55	-
824.0 ~ 849.0 MHz	dB	45	55	-
1710.0 ~ 1755.0 MHz	dB	35	45	-
1850.0 ~ 1920.0 MHz	dB	35	45	-
VSWR within 746.0~757.0 MHz	-	-	1.5	2.0

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

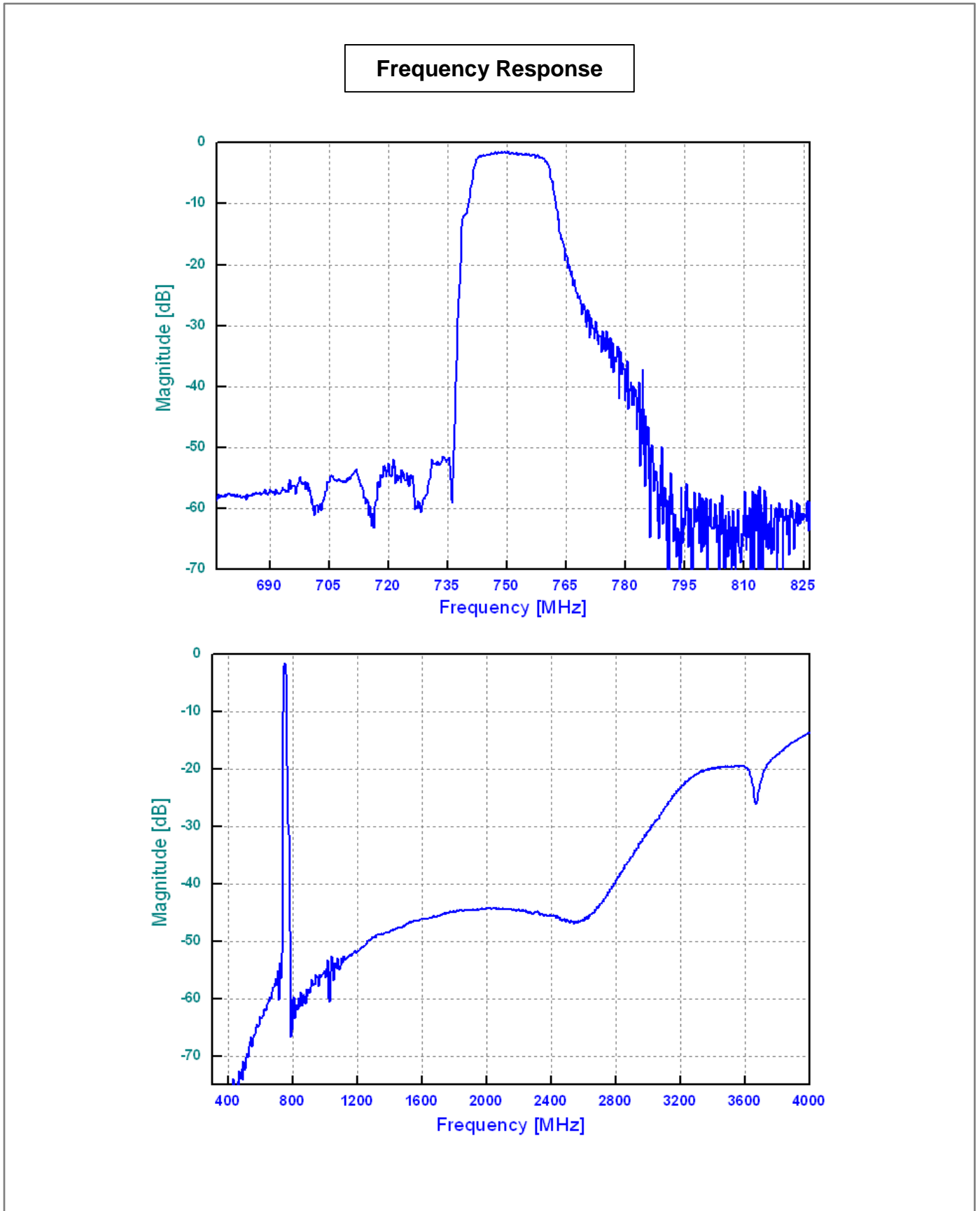
## Package Dimensions



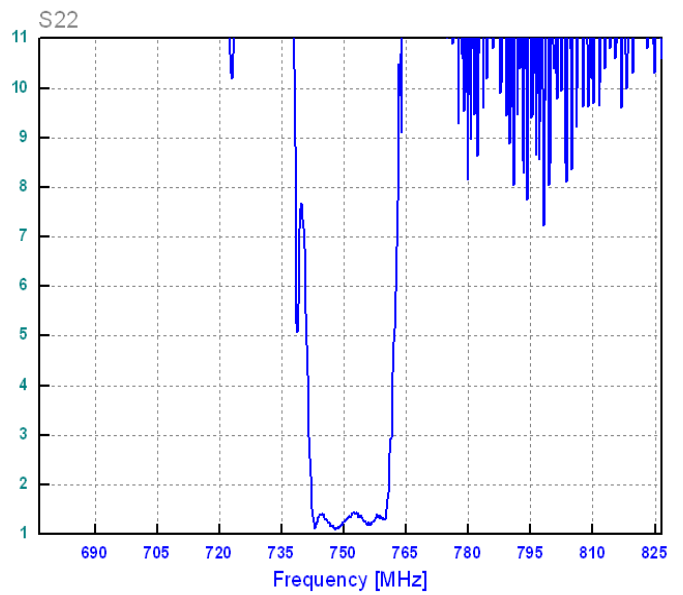
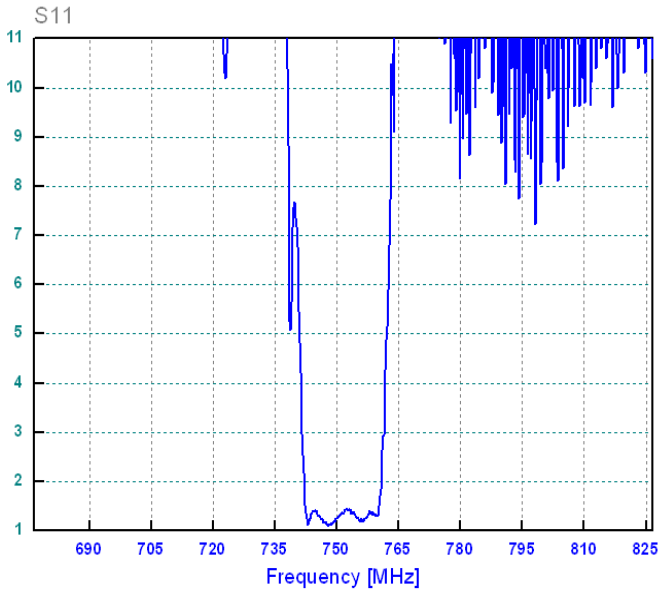
## Testing Environment



## Frequency Characteristics



## VSWR



## Smith Chart

