

- LTE, RF SAW Filter
- Revision 1: November 2012

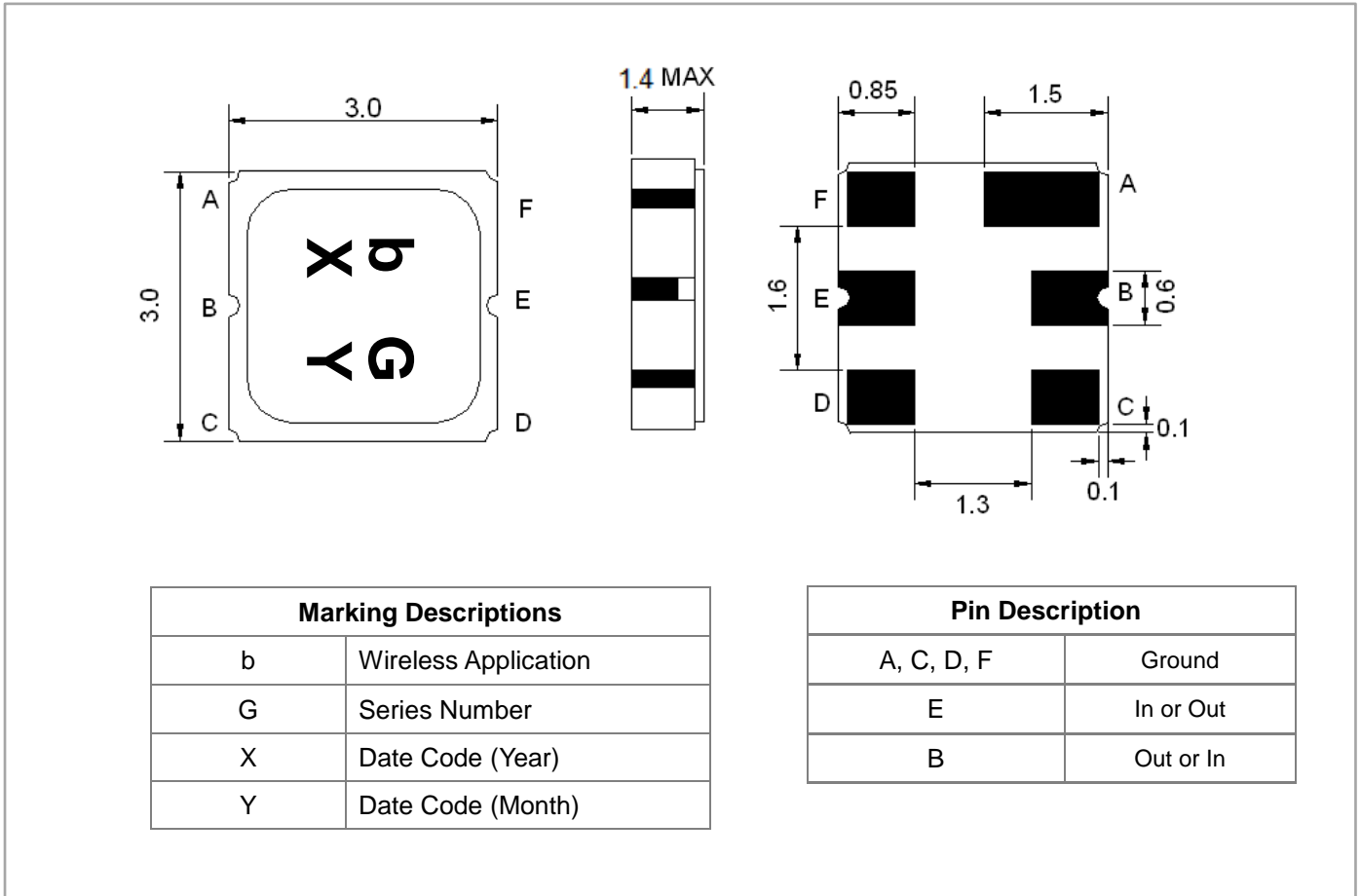
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-40	-	+85
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 (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	M			
Length x Width	mm ²	-	3.0 x 3.0	-
Height	mm	-	-	1.3

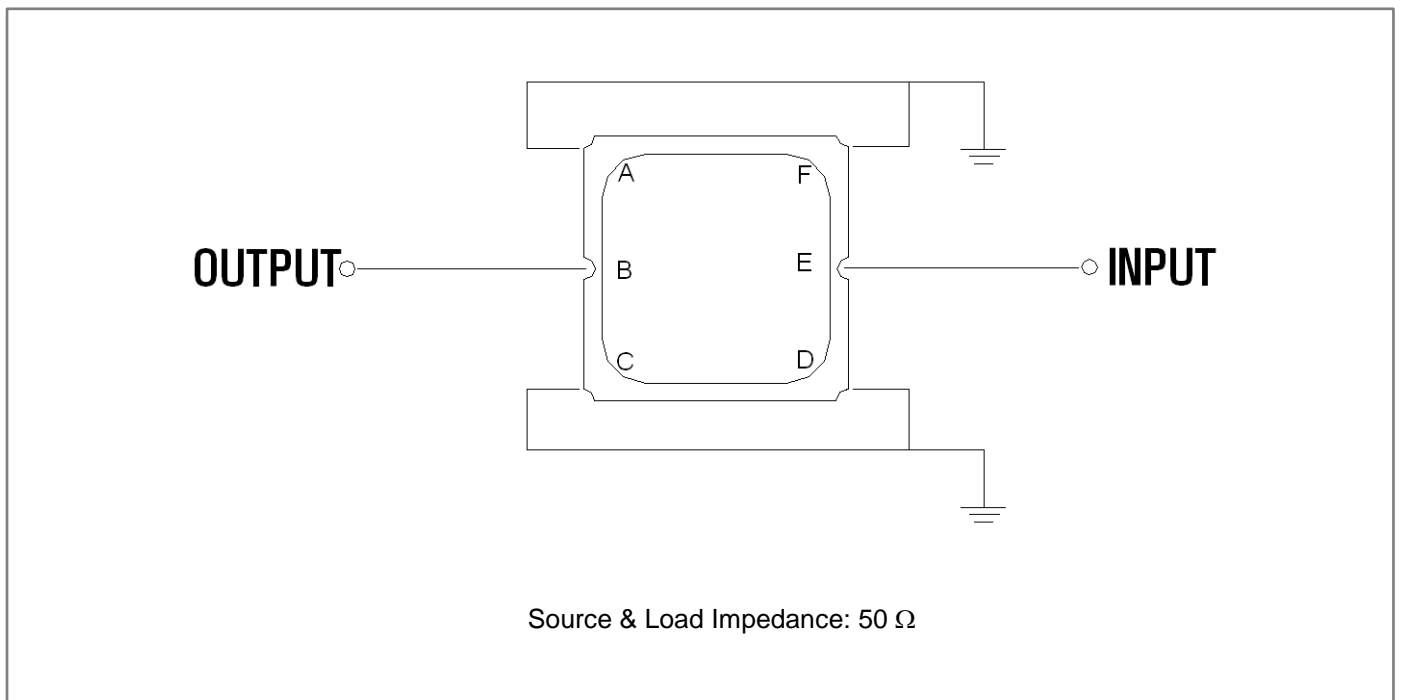
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	806.0	-
Insertion Loss within 791.0 ~ 821.0 MHz	dB	-	2.5	4.5
Amplitude Ripple within 791.0 ~ 821.0 MHz	dB _{p-p}	-	1.0	2.5
Attenuation:				
D.C ~ 760.0 MHz	dB	40	50	-
832.0 ~ 862.0 MHz	dB	15	22	-
862.0 ~ 910.0 MHz	dB	35	45	-
VSWR within 791.0 ~ 821.0 MHz	-	-	1.8	2.5

Notes: (1) No Matching Network

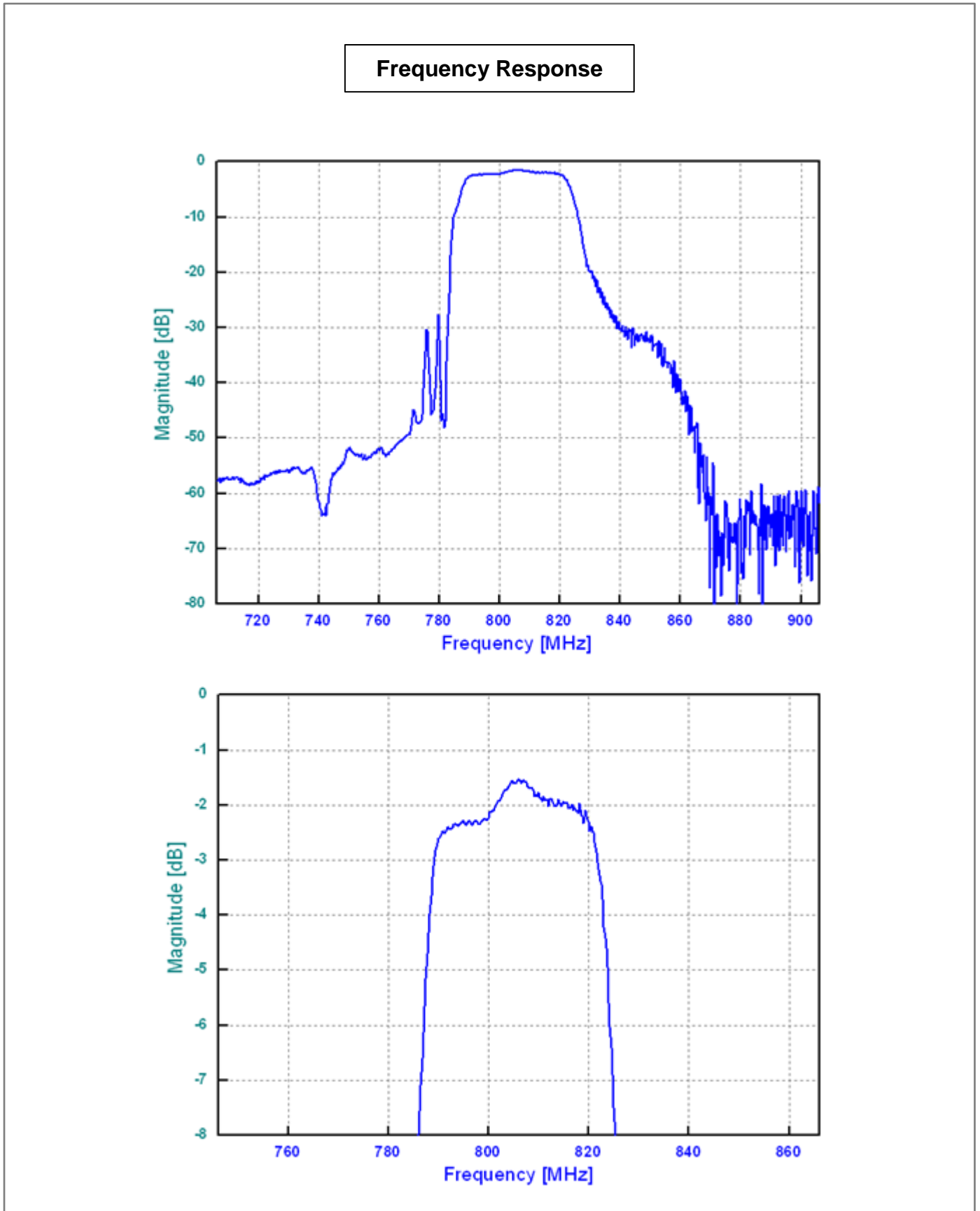
Package Dimensions



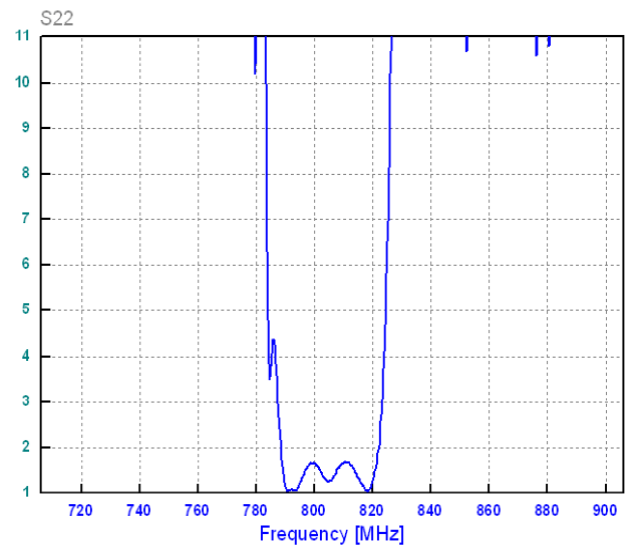
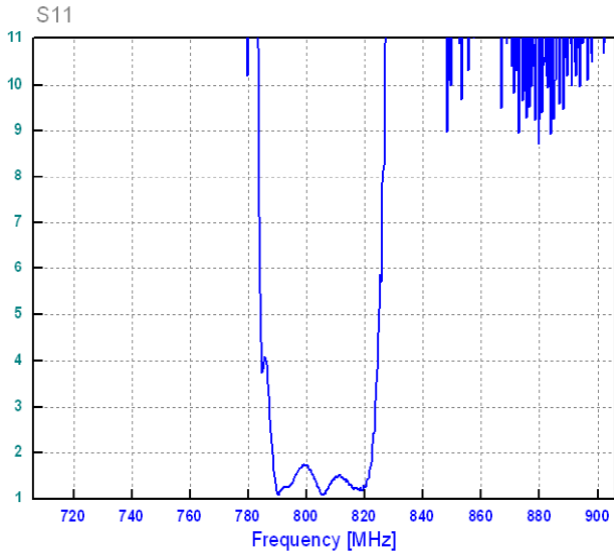
Testing Environment



Frequency Characteristics



VSWR



Smith Chart

