

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

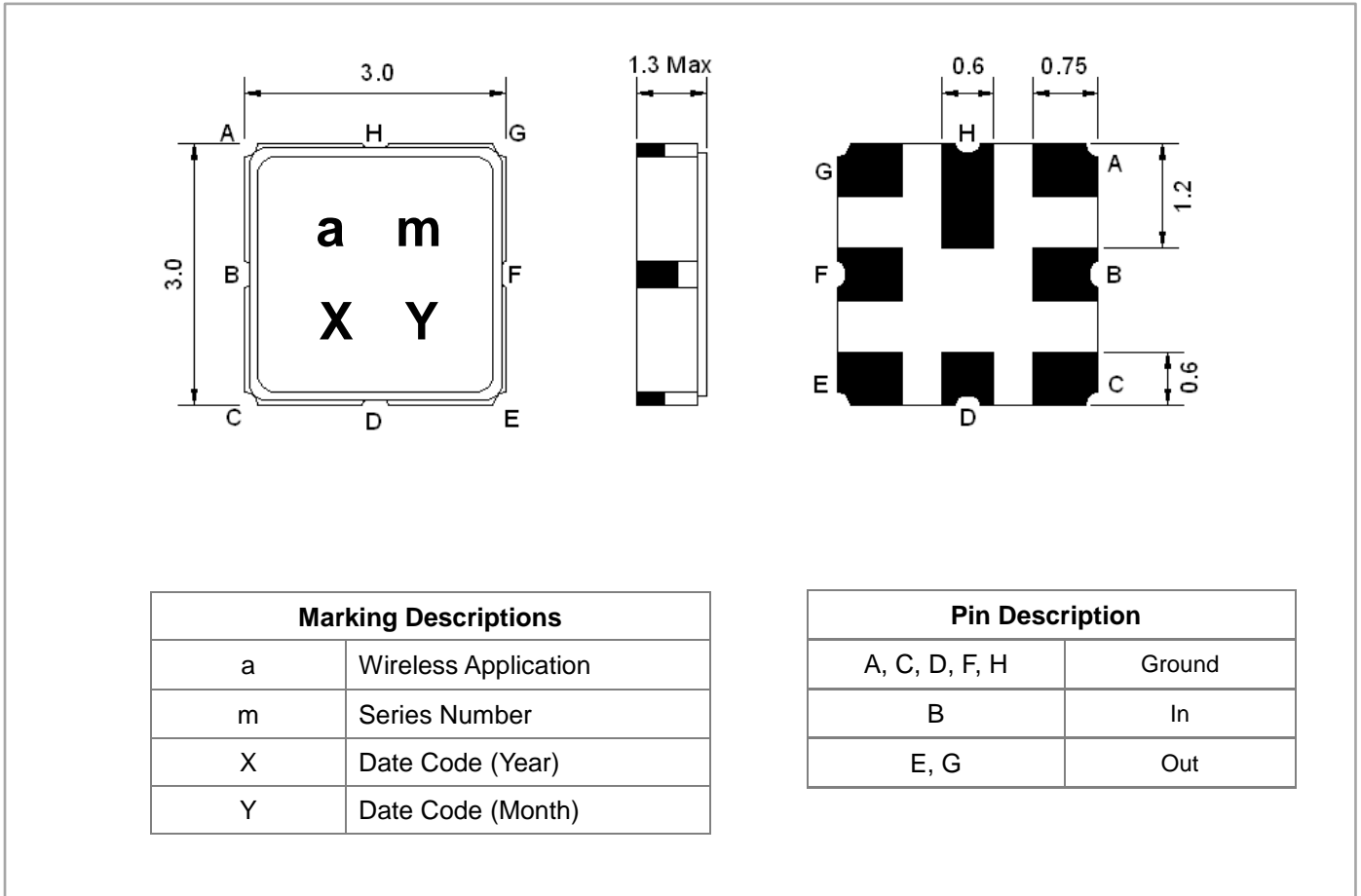
Electrical Characteristics

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

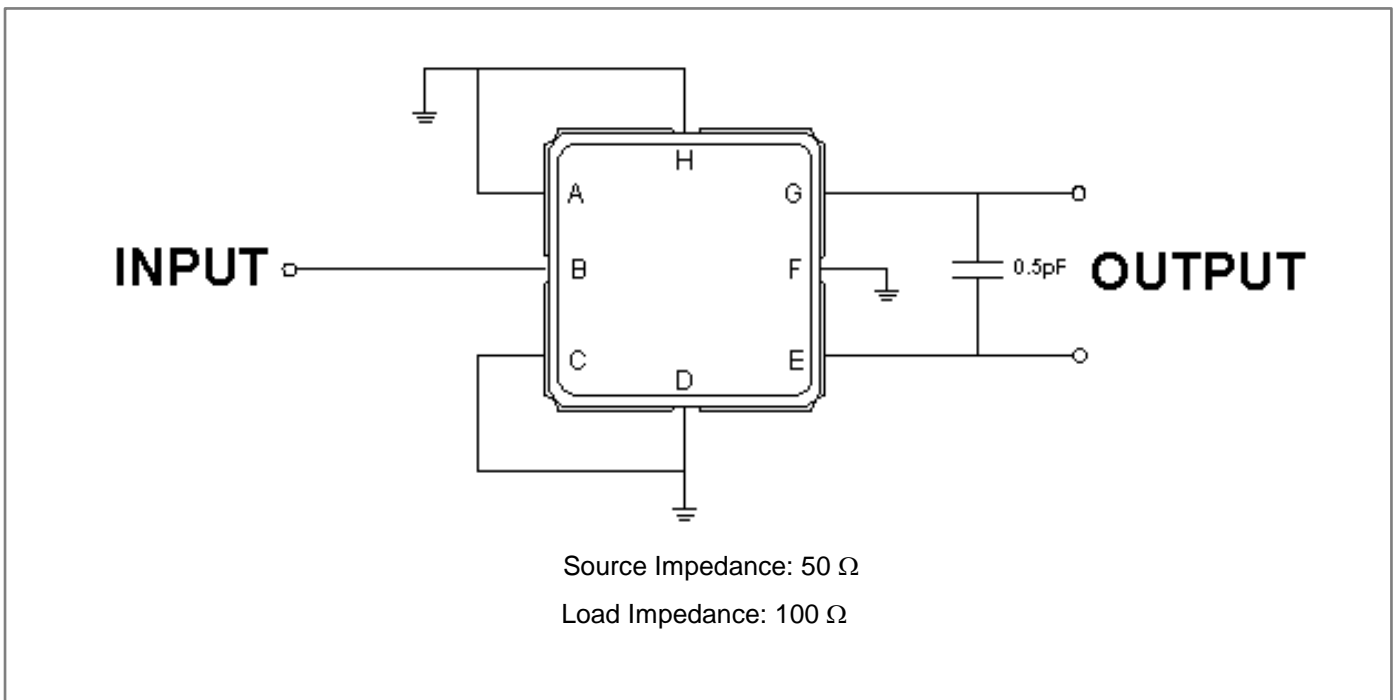
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	763.0	-
Insertion Loss within 758.0 ~ 768.0 MHz	dB	-	3.2	3.5
Amplitude Ripple within 758.0 ~ 768.0 MHz	dB _{P-P}	-	1.3	1.8
Attenuation:				
D.C ~ 730.0 MHz	dB	40	50	-
788.0 ~ 798.0 MHz	dB	35	45	-
798.0 ~ 864.0 MHz	dB	40	50	-
VSWR within 758.0 ~ 768.0 MHz	-	-	2.8	3.2

Notes: (1) With Matching Network.

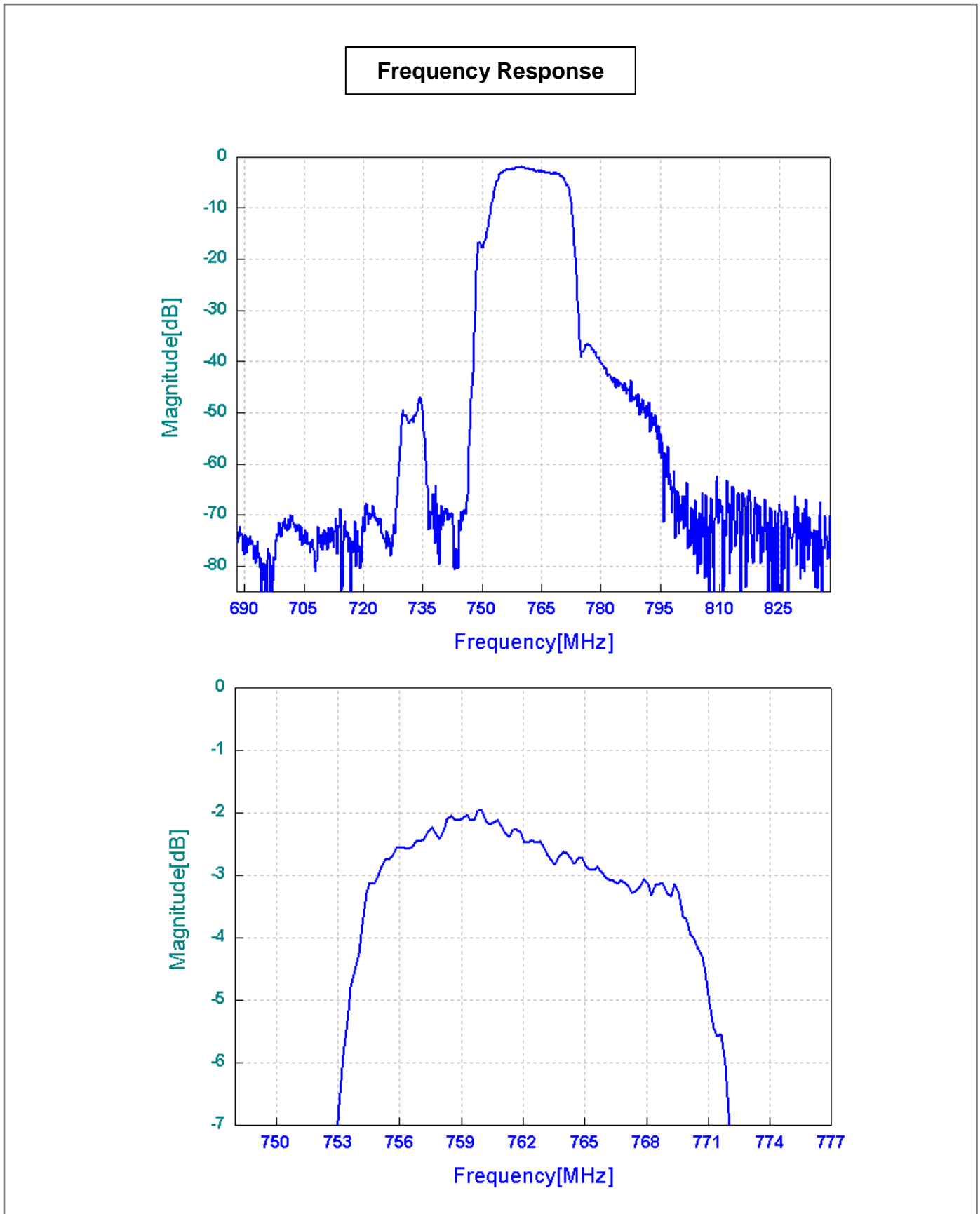
Package Dimensions



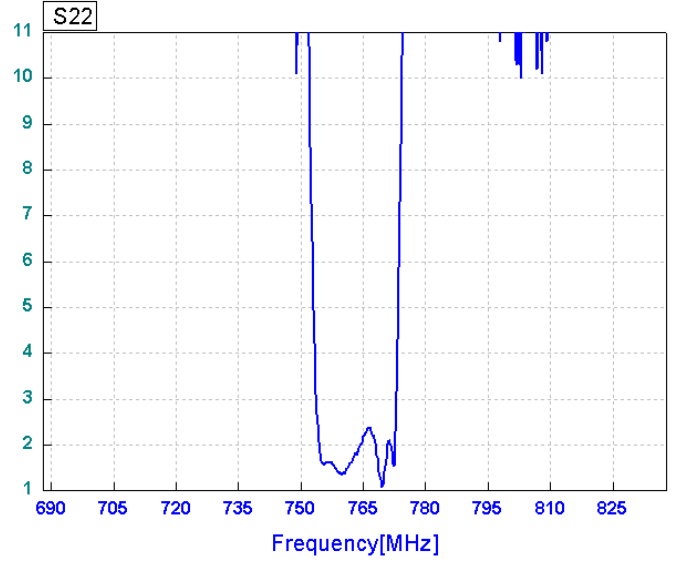
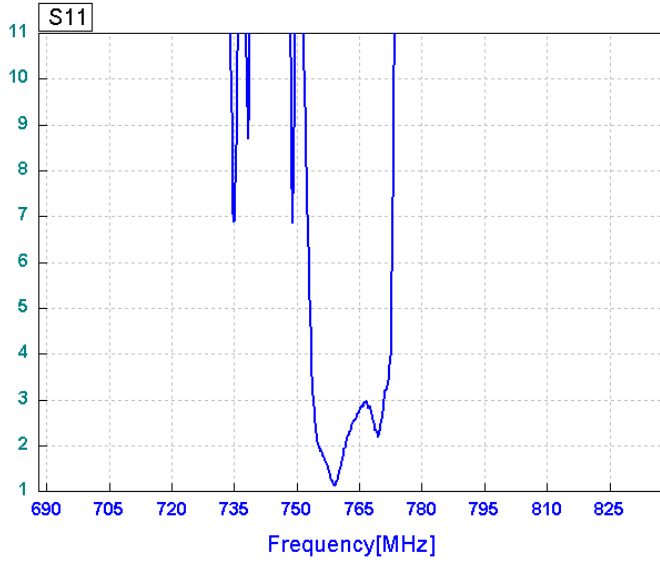
Testing Environment



Frequency Characteristics



VSWR



Smith Chart

