

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

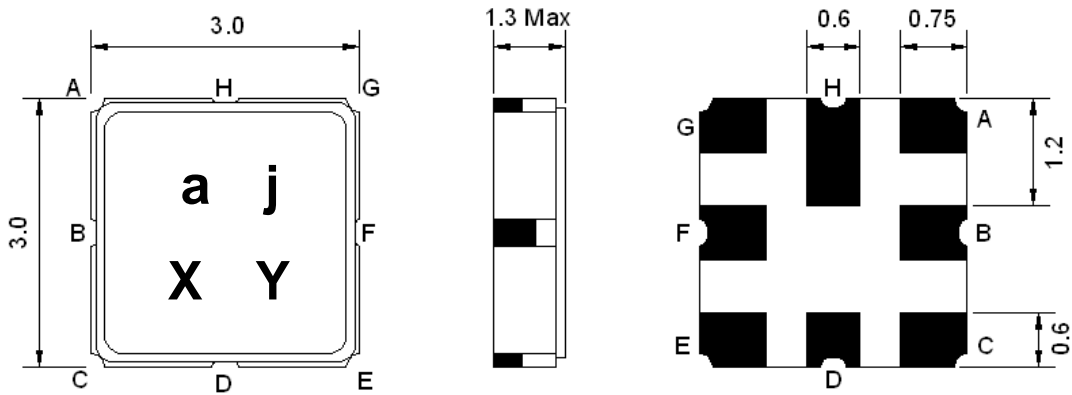
Electrical Characteristics

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 (Balanced ended) ⁽¹⁾	Ω	-	100	-
Load Impedance (Single ended) ⁽¹⁾	Ω	-	50	-
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	-	793.0	-
Insertion Loss within 788.0 ~ 798.0 MHz	dB	-	2.6	3.5
Amplitude Ripple within 788.0 ~ 798.0 MHz	dB _{P-P}	-	1.0	1.5
Attenuation:				
D.C ~ 758.0 MHz	dB	40	45	-
758.0 ~ 768.0 MHz	dB	35	45	-
840.0 ~ 894.0 MHz	dB	35	43	-
VSWR within 788.0 ~ 798.0 MHz	-	-	2.3	2.7

Notes: (1) No Matching Network.

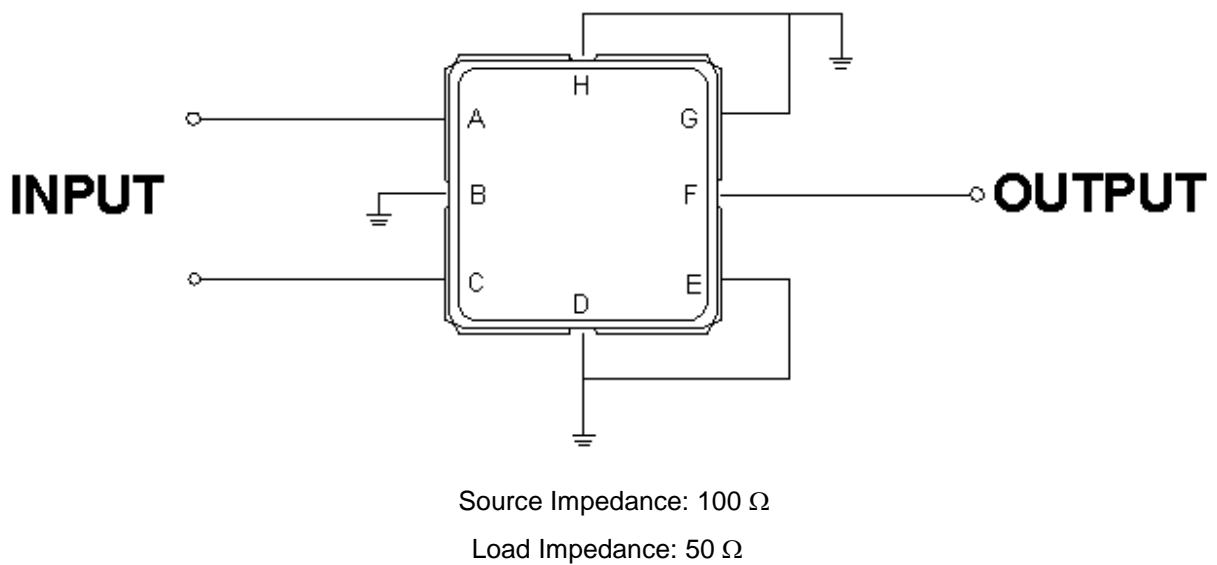
Package Dimensions



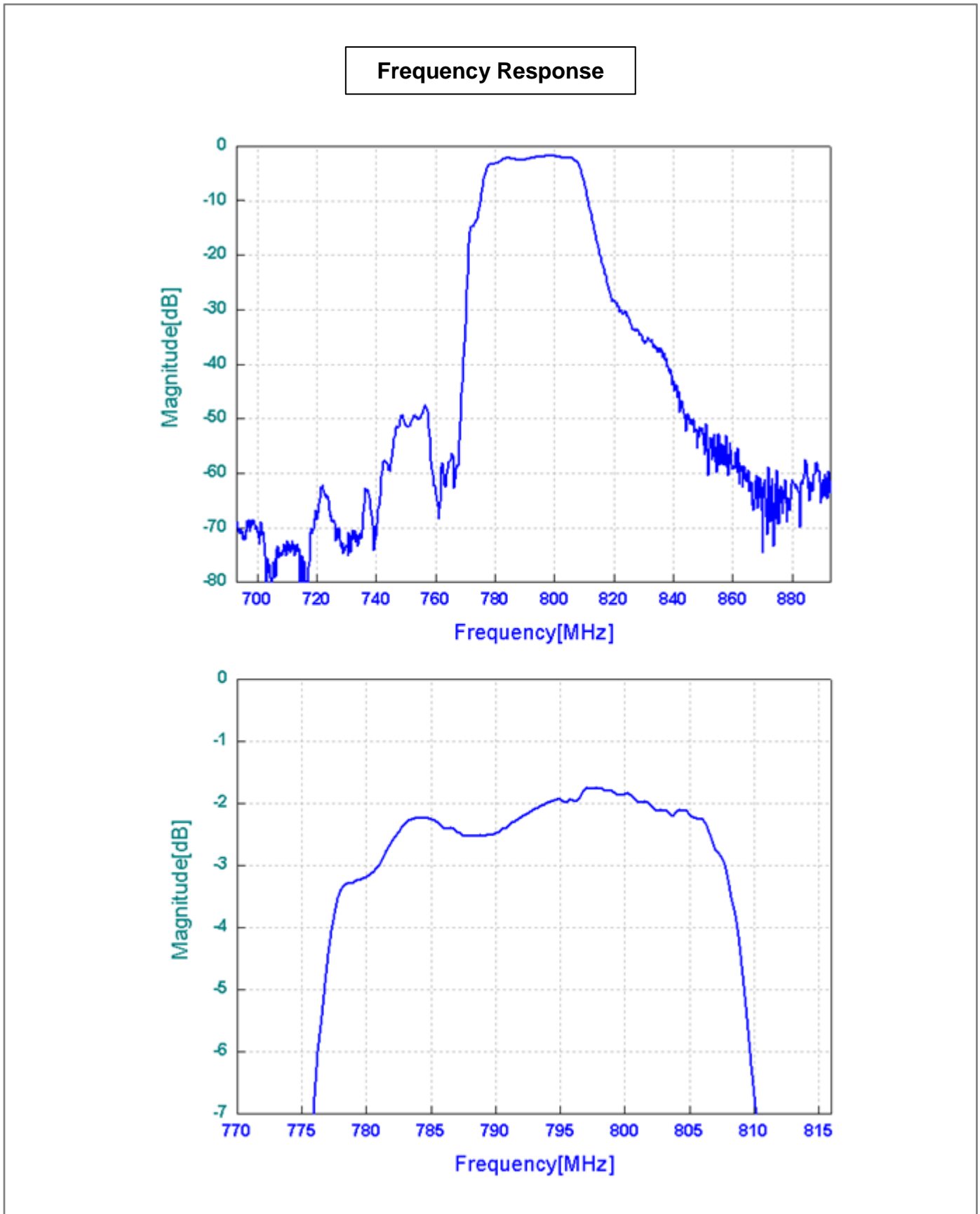
Marking Descriptions	
a	Wireless Application
j	Series Number
X	Date Code (Year)
Y	Date Code (Month)

Pin Description	
B, D, E, G, H	Ground
A, C	In
F	Out

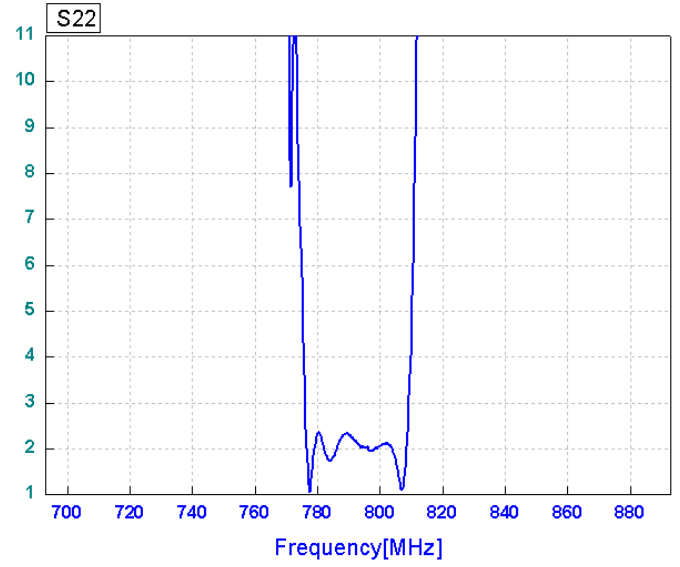
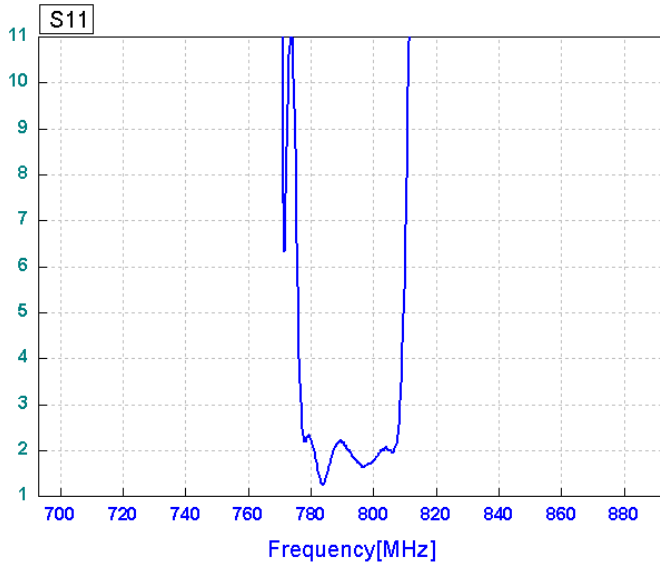
Testing Environment



Frequency Characteristics



VSWR



Smith Chart

