

- Wireless, Balanced RF SAW Filter
- Revision 0: September 2004

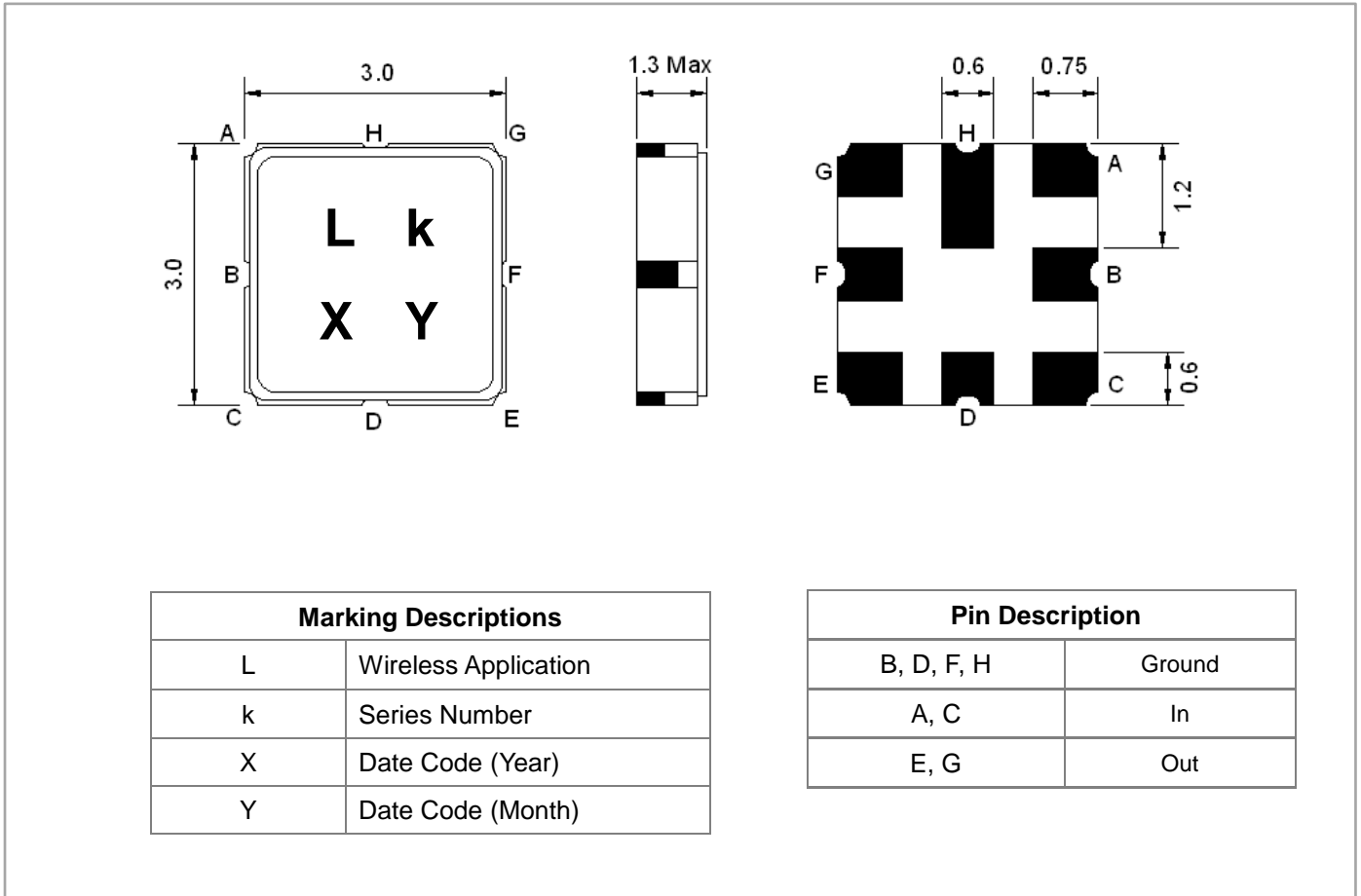
Electrical Characteristics

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	-	-	0
Source Impedance (balanced ended) ⁽¹⁾	Ω	-	200	-
Load Impedance (balanced ended) ⁽¹⁾	Ω	-	200	-
Package type & size	M1			
Length x Width	mm ²	-	3.0 x 3.0	-
Height	mm	-	-	1.3

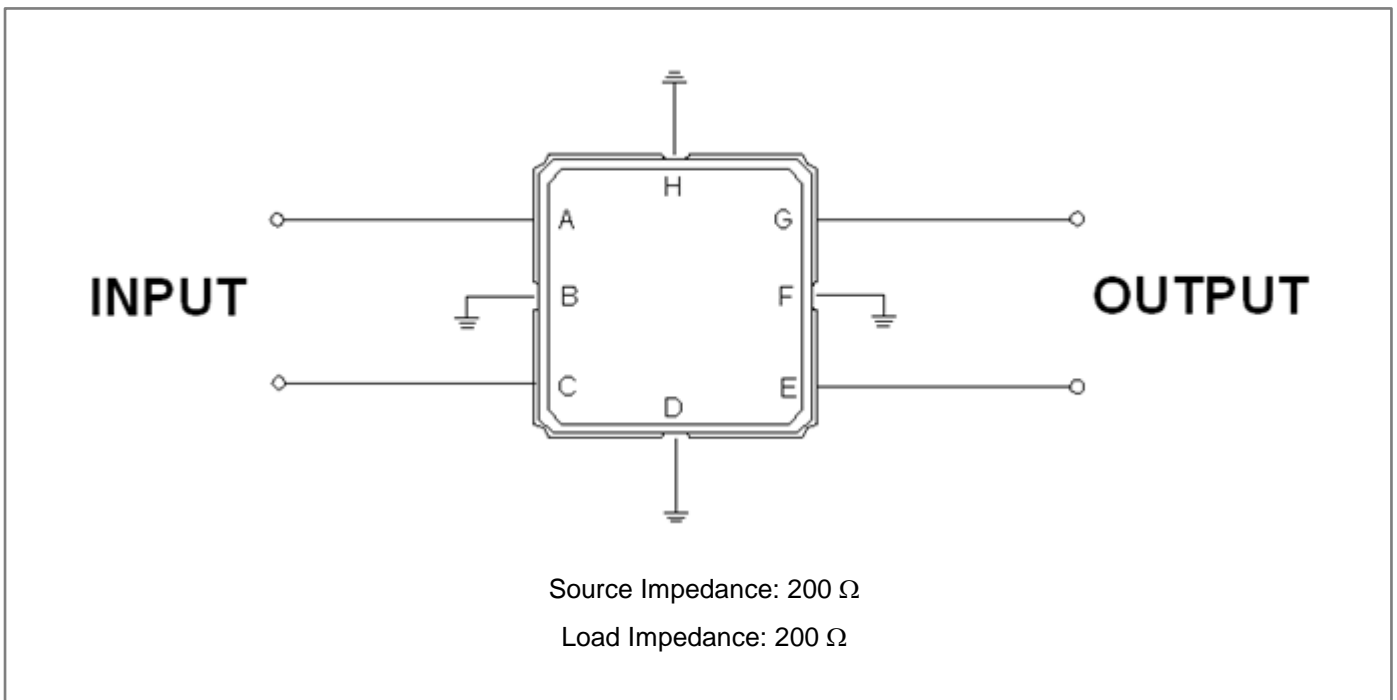
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	1086.0	-
Maximum Insertion Loss within 1081 ~ 1091 MHz	dB	-	3.5	4.5
Amplitude Ripple within 1081 ~ 1091 MHz	dB	-	0.6	1.5
Group Delay Ripple within 1081 ~ 1091 MHz	ns	-	7.0	-
Phase Balance within 1081 ~1091 MHz	deg.	-	10	-
Attenuation:				
500 ~ 988 MHz	dB	50	57	-
988 ~ 1002 MHz	dB	45	50	-
1038 ~ 1046 MHz	dB	35	40	-
1156 ~ 1600 MHz	dB	40	45	-
2040 ~ 2148 MHz	dB	30	35	-
Input / Output VSWR within 1081 ~ 1091 MHz	-	-	2.0	2.5

Notes: (1) No Matching Network.

Package Dimensions

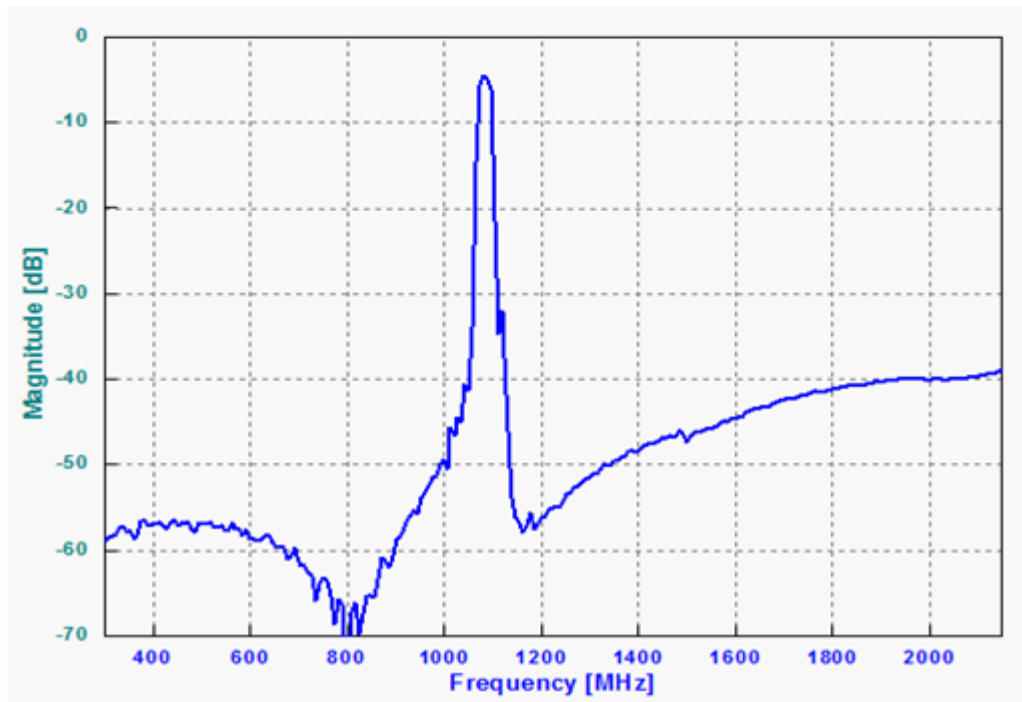
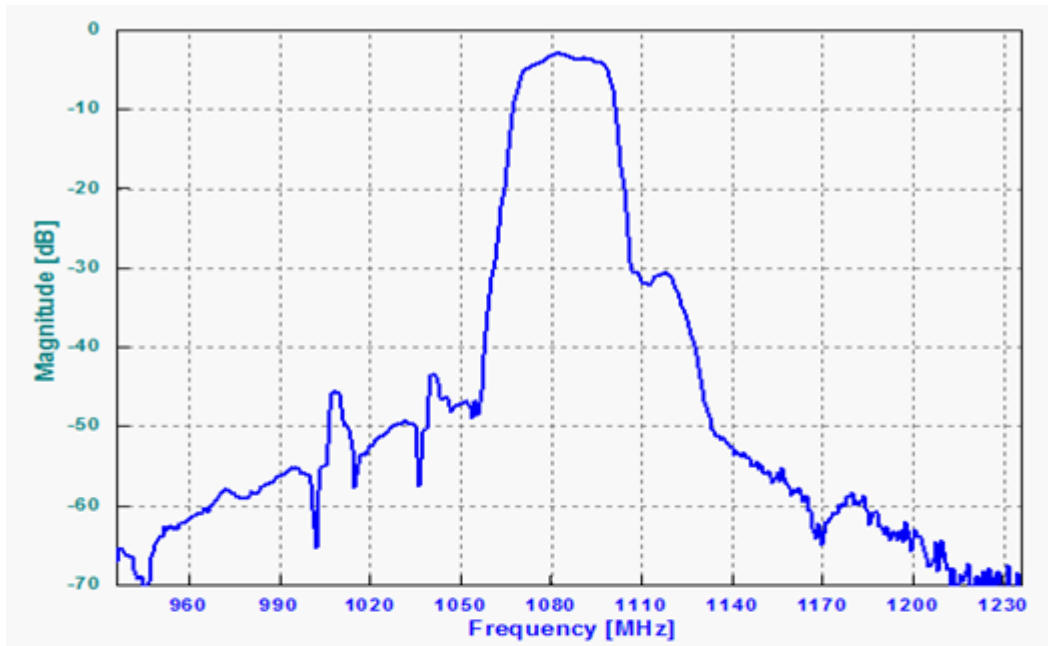


Testing Environment

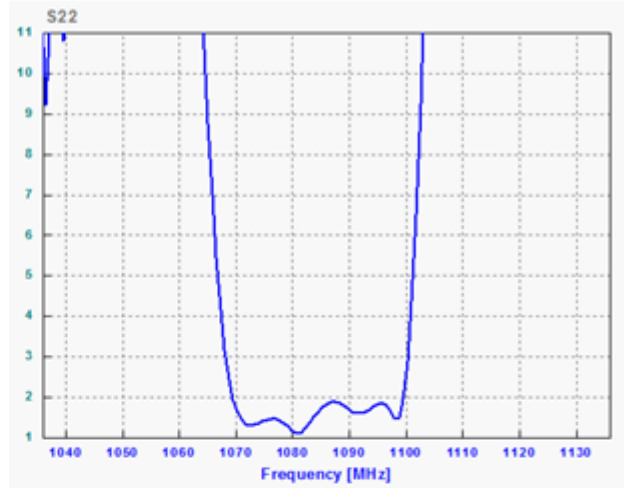
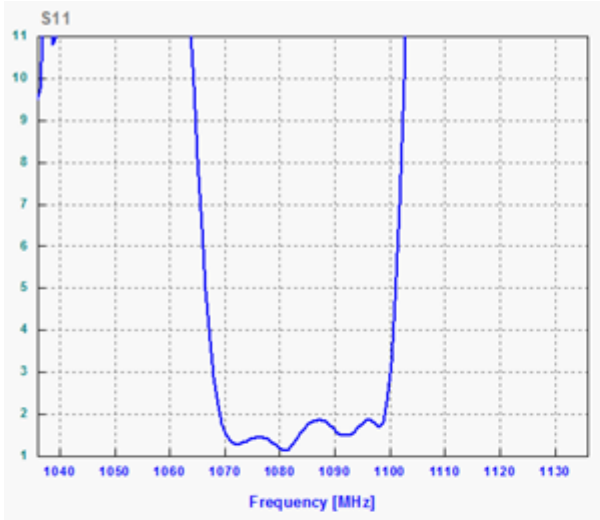


Frequency Characteristics

Frequency Response



VSWR



Smith Chart

