

- Wireless, RF SAW Filter
- Revision 0: June 2011

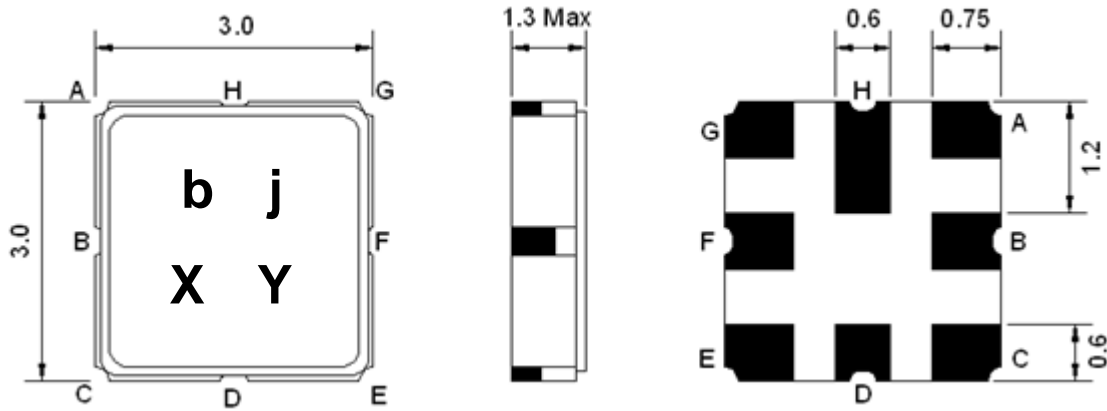
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	0	-	+55
Storage Temperature Range	°C	-40	-	+85
Maximum DC Common Mode Voltage	V	-	-	3.3
Maximum Differential DC Voltage	mV	-	-	20
Source Impedance (balanced) ⁽¹⁾	Ω	-	100	-
Load Impedance (balanced) ⁽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	-	1650.0	-
Insertion Loss within 1640.0 ~ 1660.0 MHz	dB	-	2.7	4.0
Amplitude Ripple within 1640.0 ~ 1660.0 MHz	dB _{p-p}	-	0.8	1.5
Group Delay Variation within 1640.0 ~ 1660.0 MHz	ns _{p-p}	-	5	25
-40dB Bandwidth	MHz	-	74	85
Attenuation:				
D.C. ~ 1500.0 MHz	dB	40	48	-
1500.0 ~ 1610.0 MHz	dB	30	36	-
1610.0 ~ 1629.0 MHz	dB	1.5	3.5	-
1671.0 ~ 1675.0 MHz	dB	1.0	4.0	-
1690.0 ~ 1800.0 MHz	dB	35	47	-
1800.0 ~ 6000.0 MHz	dB	15	25	-
VSWR within 1640.0 ~ 1660.0 MHz	dB	-	1.6	2.0

Notes: (1) No Matching Network

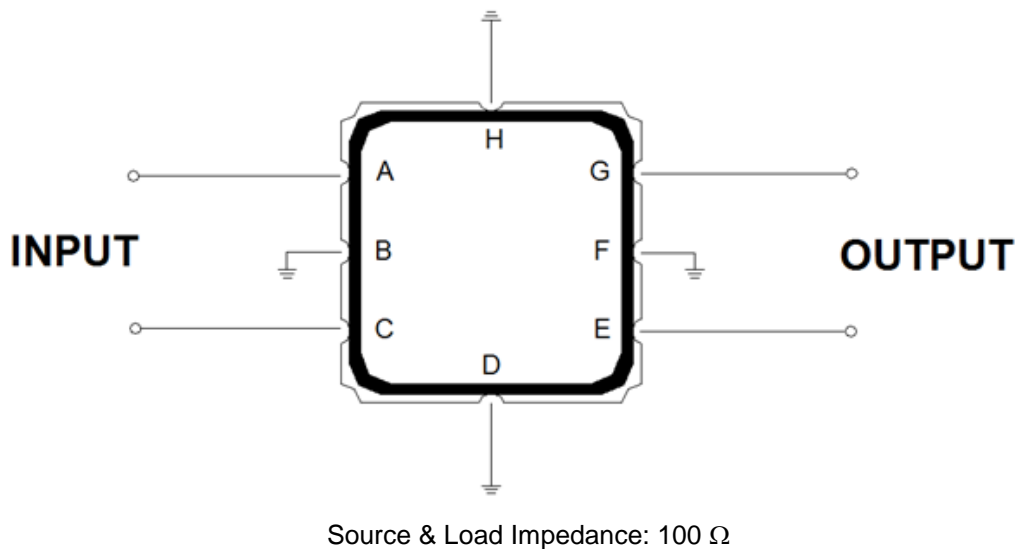
Package Dimensions



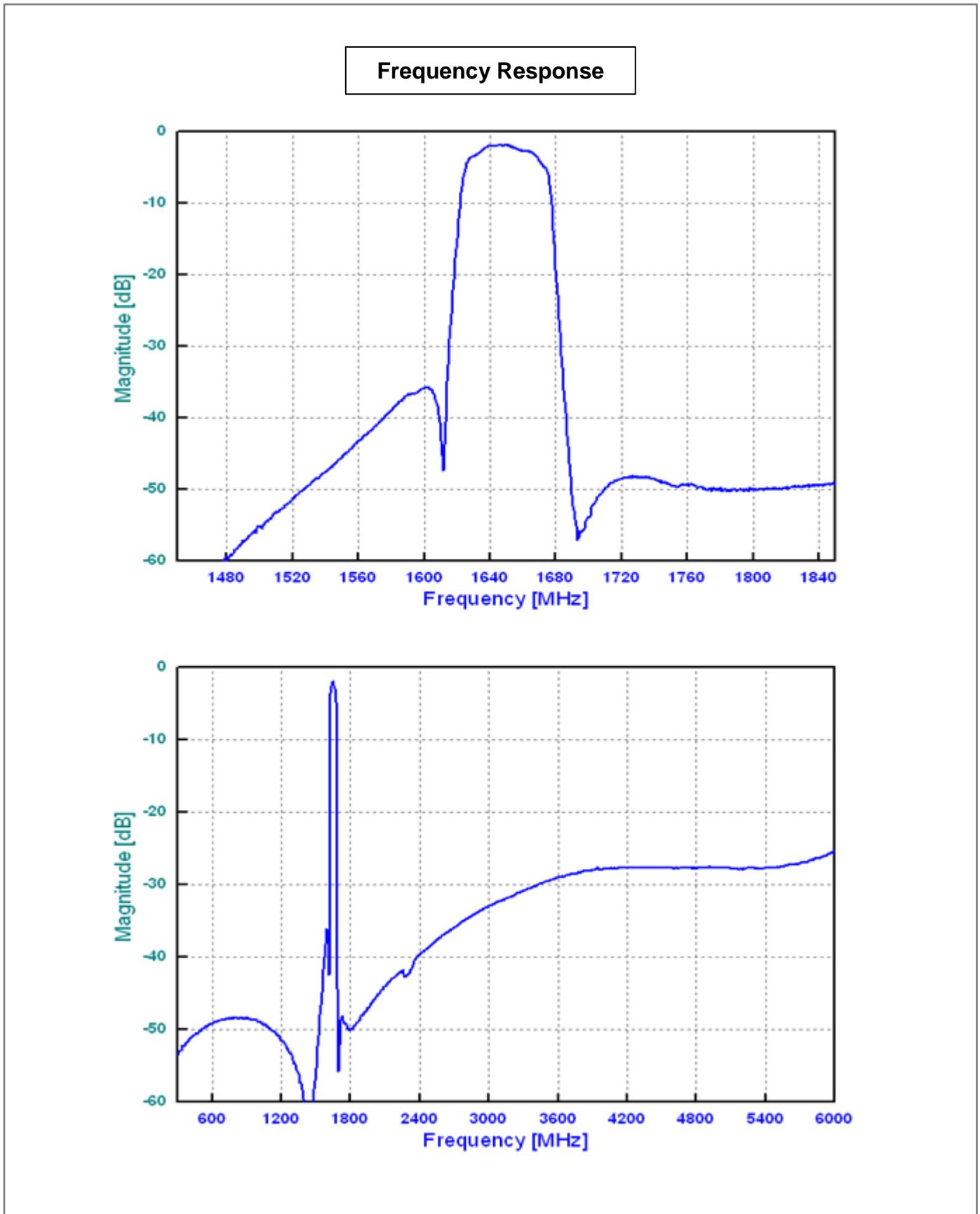
Marking Descriptions	
b	Wireless Application
j	Series Number
X	Date Code (Year)
Y	Date Code (Month)

Pin Description	
B, D, F, H	Ground
A, C	Balanced Input
E, G	Balanced Output

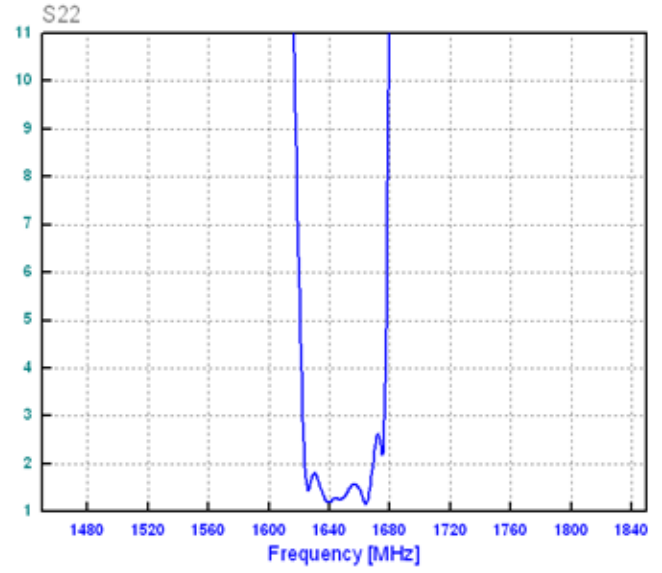
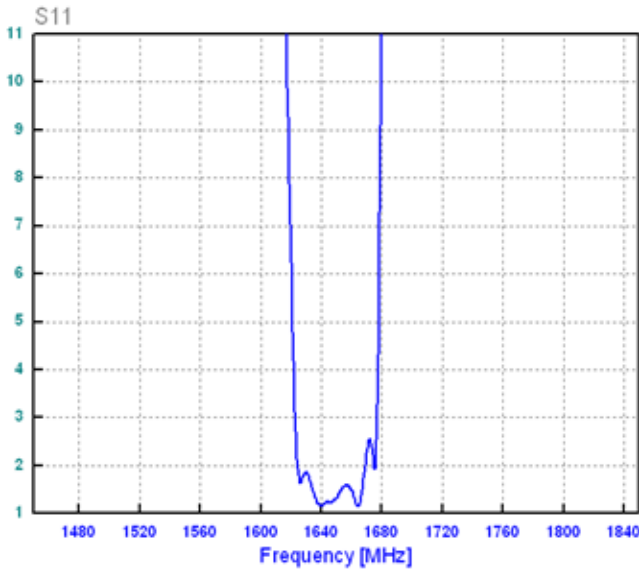
Testing Environment



Frequency Characteristics



VSWR



Smith Chart

