

- Wireless, Balanced RF SAW Filter
- Revision 0: September 2013

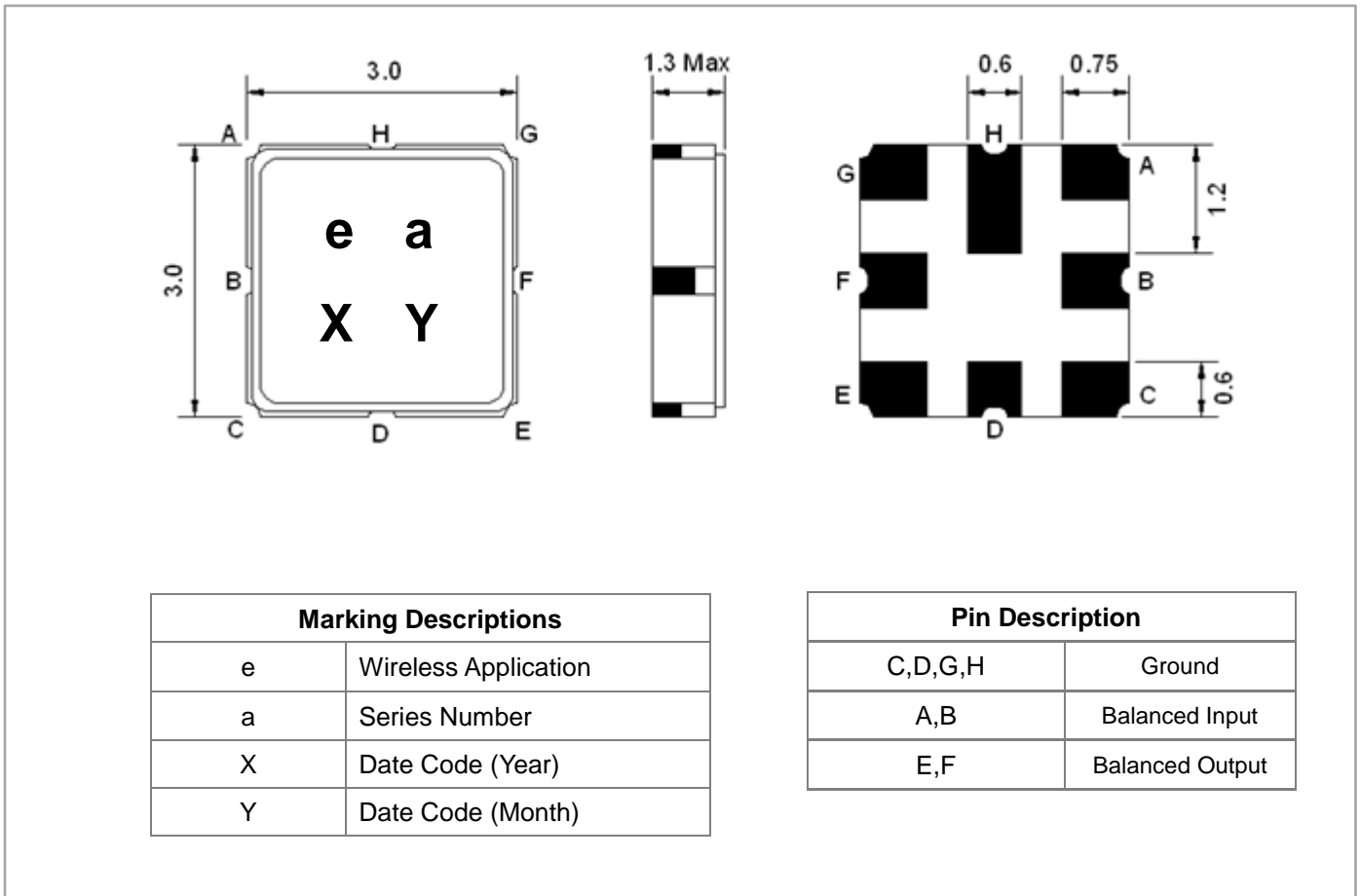
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-40	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	3
Maximum Input Power	dBm	-	-	10
Source Impedance (balanced) ⁽¹⁾	Ω	-	200	-
Load Impedance (balanced) ⁽¹⁾	Ω	-	200	-
Package type & size	S21			
Length x Width	mm ²	-	3.0 x 3.0	-
Height	mm	-	-	1.3

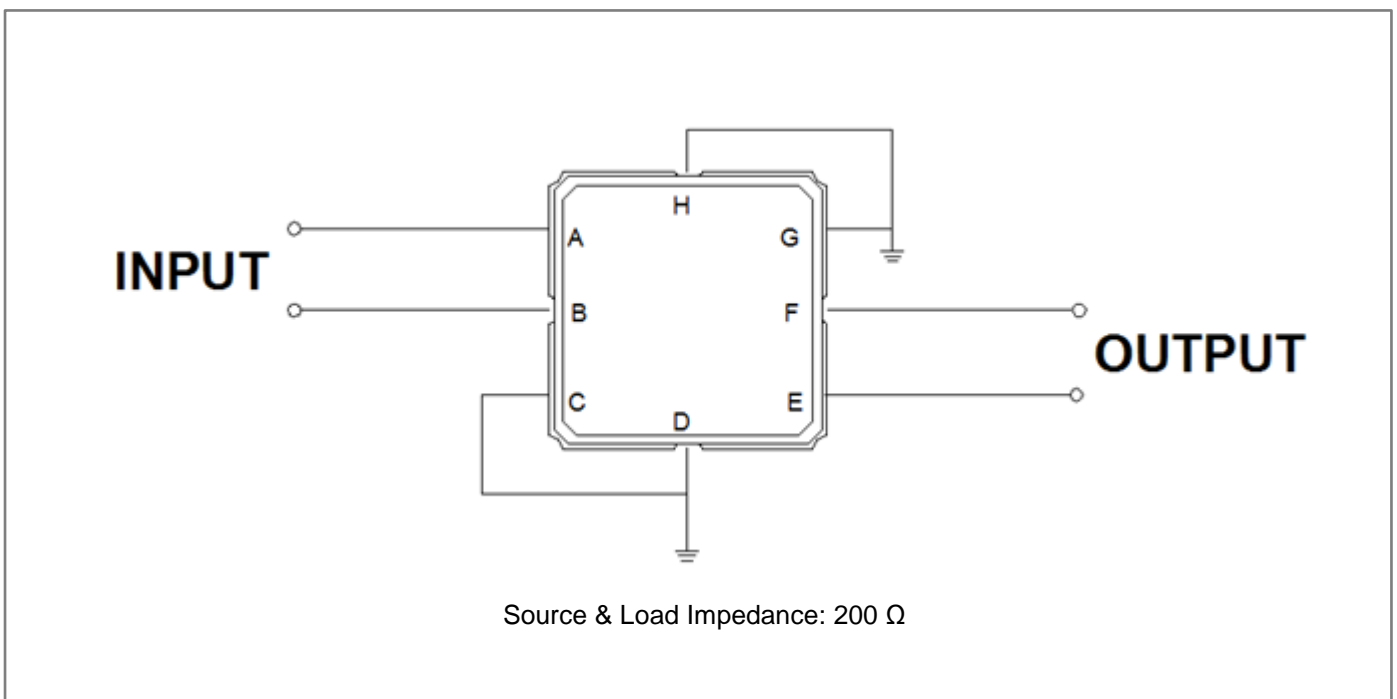
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	1268.0	-
Insertion Loss within 1258.0 ~ 1278.0 MHz	dB	-	2.5	4.0
Amplitude Ripple within 1258.0 ~ 1278.0 MHz	dB _{p-p}	-	1.0	2.0
Group Delay Ripple within 1258.0 ~ 1278.0 MHz	ns _{p-p}	-	11	50
Return Loss within 1258.0 ~ 1278.0 MHz	dB	8	11	-
Attenuation:				
10.0 ~ 970.0 MHz	dB	42	47	-
1420.0 ~ 2000.0 MHz	dB	44	50	-
2000.0 ~ 2400.0 MHz	dB	45	55	-

Notes: (1) No Matching Network

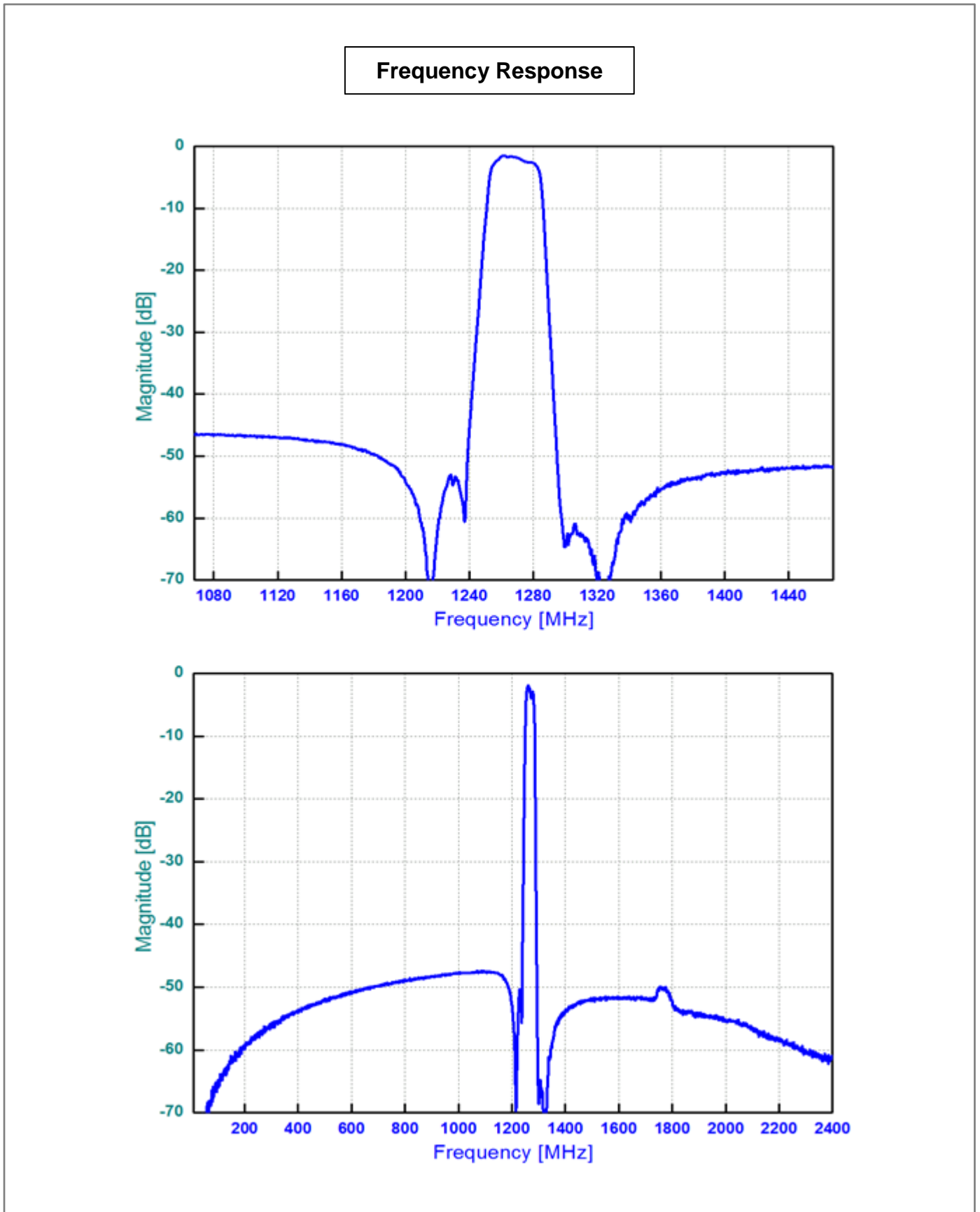
Package Dimensions



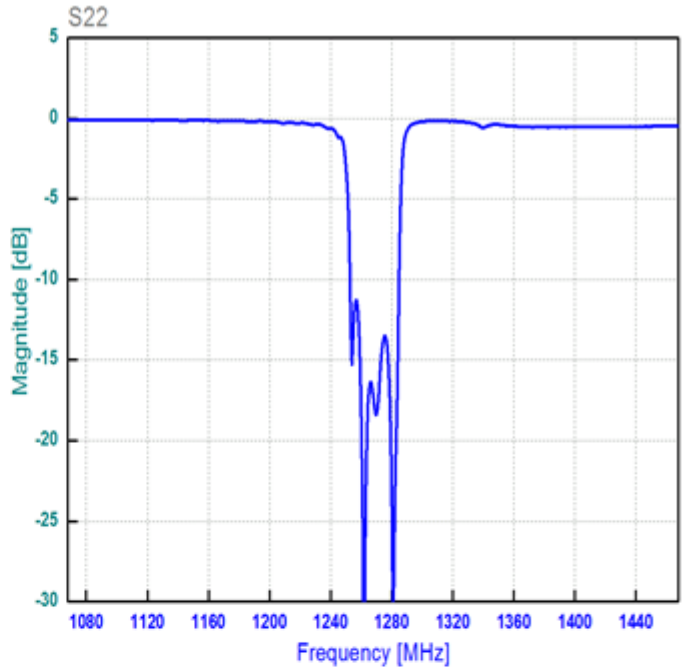
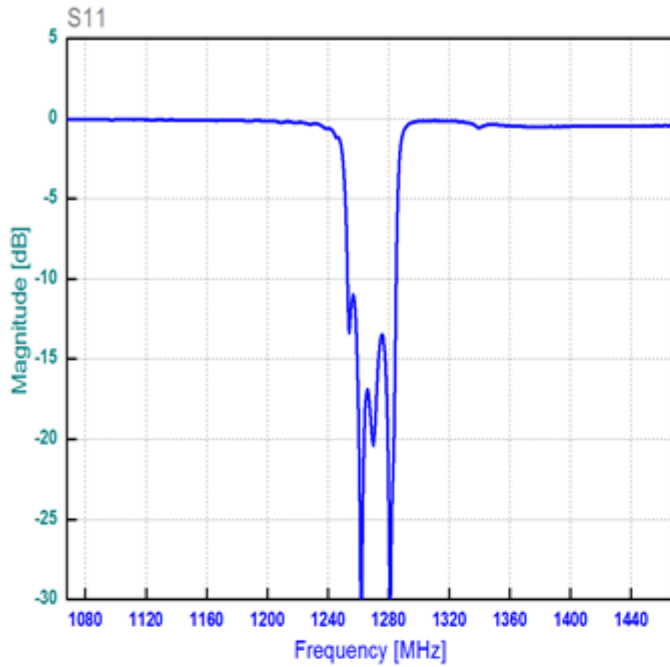
Testing Environment



Frequency Characteristics



Return Loss



Smith Chart

