

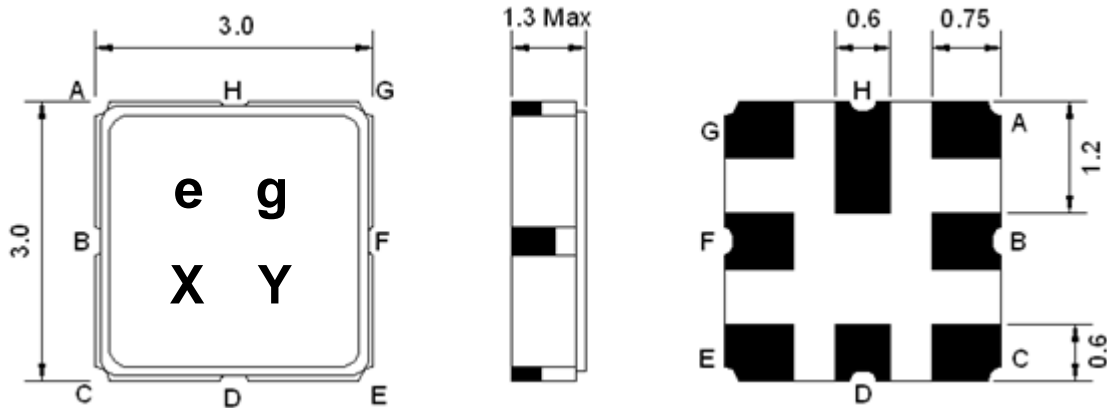
- Wireless, Balanced RF SAW Filter
- Revision 0: December 2013

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	-	-	0
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

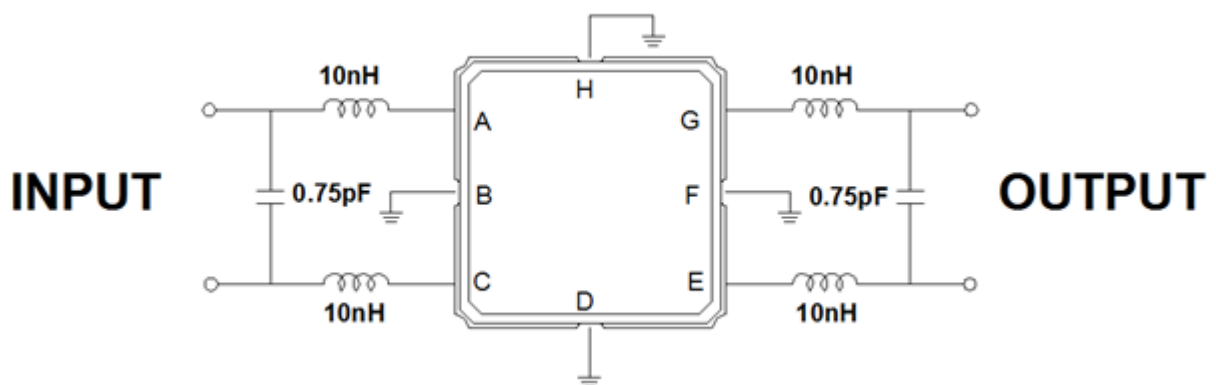
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	1229.5	-
Insertion Loss within 1205.0 ~ 1254.0 MHz	dB	-	4.1	4.8
Amplitude Ripple within 1205.0 ~ 1254.0 MHz	dB _{p-p}	-	0.6	1.5
Group Delay Variation within 1205.0 ~ 1228.0 MHz within 1237.0 ~ 1254.0 MHz	ns _{p-p}	-	2	10
Return Loss within 1258.0 ~ 1278.0 MHz	dB	10	12	-
Relative Attenuation:				
800.0 ~ 1115.0 MHz	dB	30	35	-
1115.0 ~ 1135.0 MHz	dB	10	23	-
1360.0 ~ 1380.0 MHz	dB	15	28	-
1380.0 ~ 2000.0 MHz	dB	30	33	-
2000.0 ~ 3000.0 MHz	dB	30	40	-

Notes: (1) With Matching Network

Package Dimensions


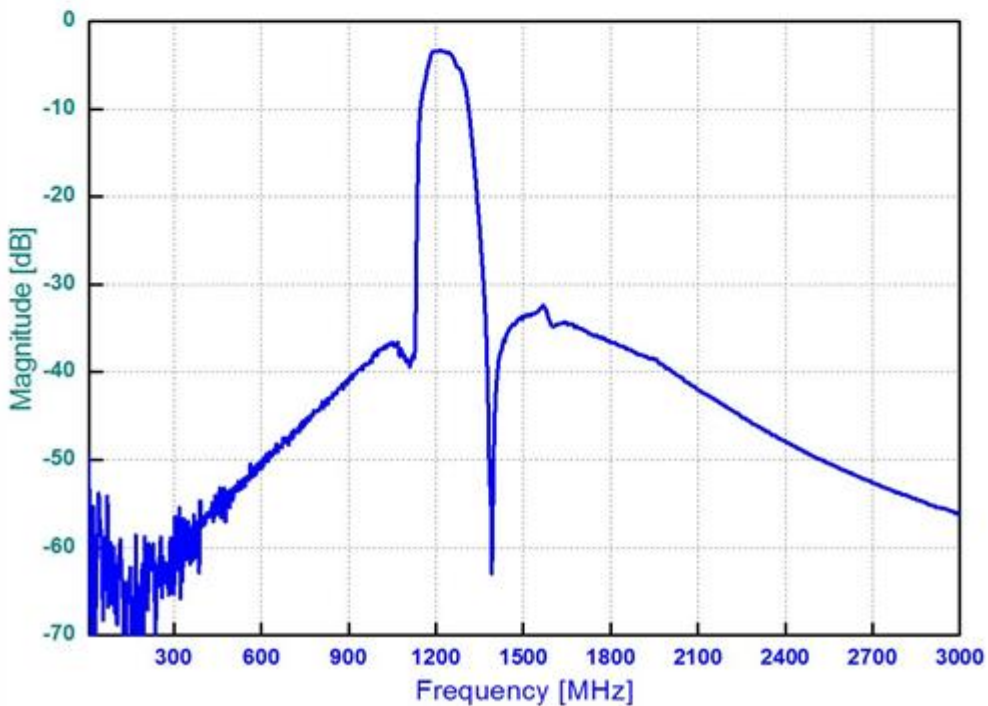
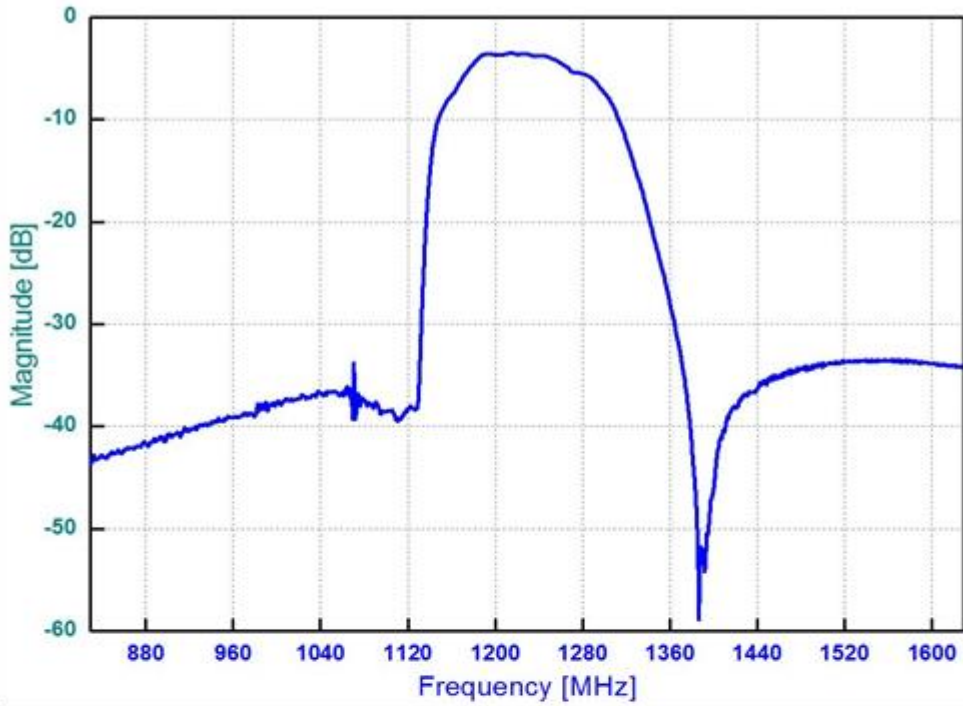
Marking Descriptions	
e	Wireless Application
g	Series Number
X	Date Code (Year)
Y	Date Code (Month)

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

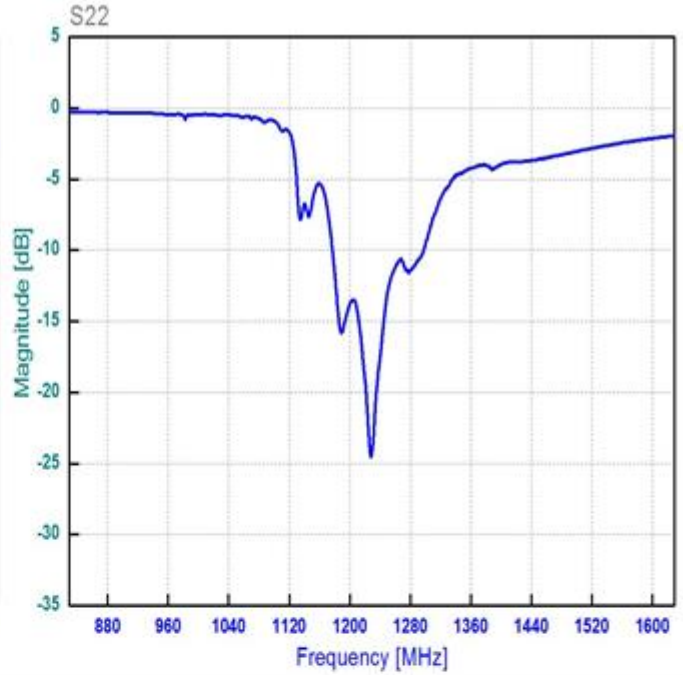
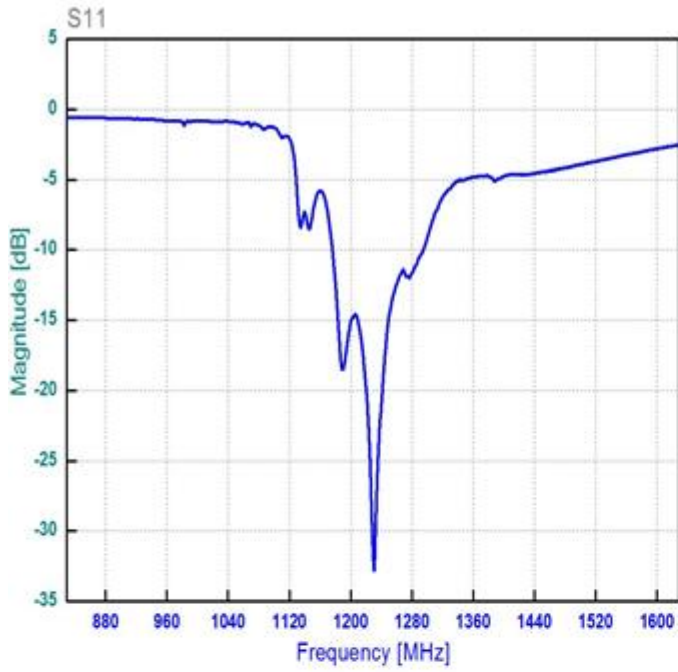
Testing Environment

 Source & Load Impedance: 200 Ω

Frequency Characteristics

Frequency Response



Return Loss



Smith Chart

