

- Wireless, RF SAW Filter
- Revision 0: February 2014

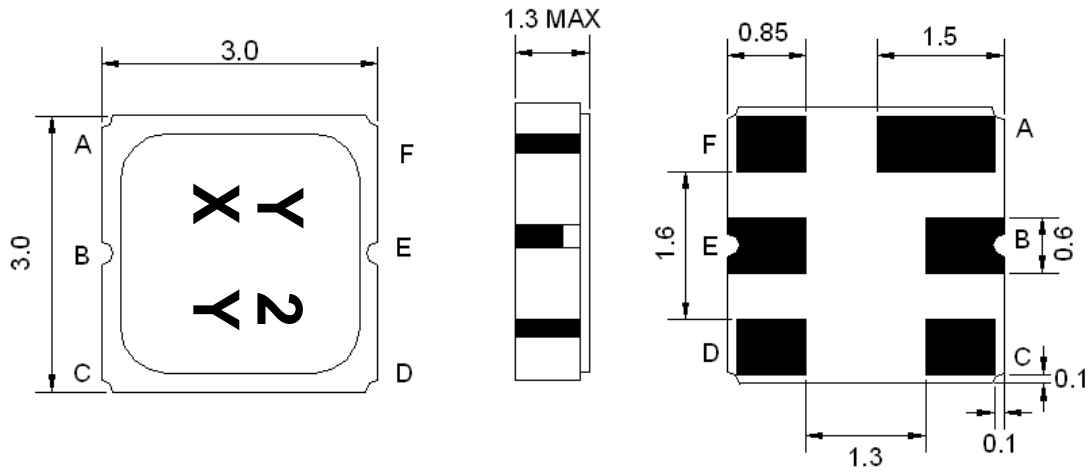
Electrical Characteristics

MAXIMUM RATINGS				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-40	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	-
Maximum Input Power	dBm	-	-	15
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	S20			
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	-	1650.75	-
Insertion Loss within 1626.5 ~ 1675.0 MHz	dB	-	2.3	3.5
Amplitude Ripple within 1626.5 ~ 1675.0 MHz	dB _{p-p}	-	1.3	2.2
Return Loss within 1626.5 ~ 1675.0 MHz	dB	8	11	-
Relative Attenuation:				
10.0 ~ 1518.0 MHz	dB	28	30	-
1518.0 ~ 1559.0 MHz	dB	35	39	-
1576.5 MHz	dB	40	60	-
1596.5 MHz	dB	25	35	-
1605.5 MHz	dB	15	24	-
1695.5 MHz	dB	10	34	-
1705.0 MHz	dB	40	60	-
1751.0 MHz	dB	31	37	-
2400.0 ~ 2500.0 MHz	dB	32	40	-

Notes: (1) No Matching Network (Ref. Testing Environment Circuit as shown below).

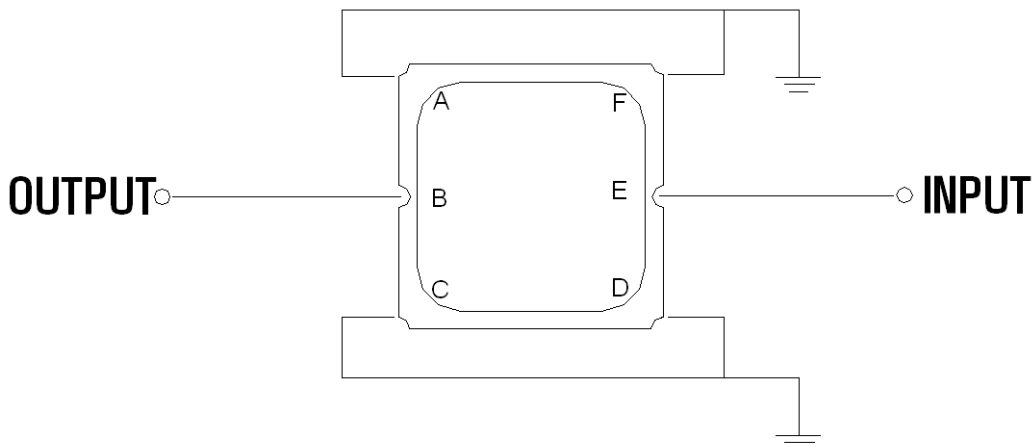
Package Dimensions



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

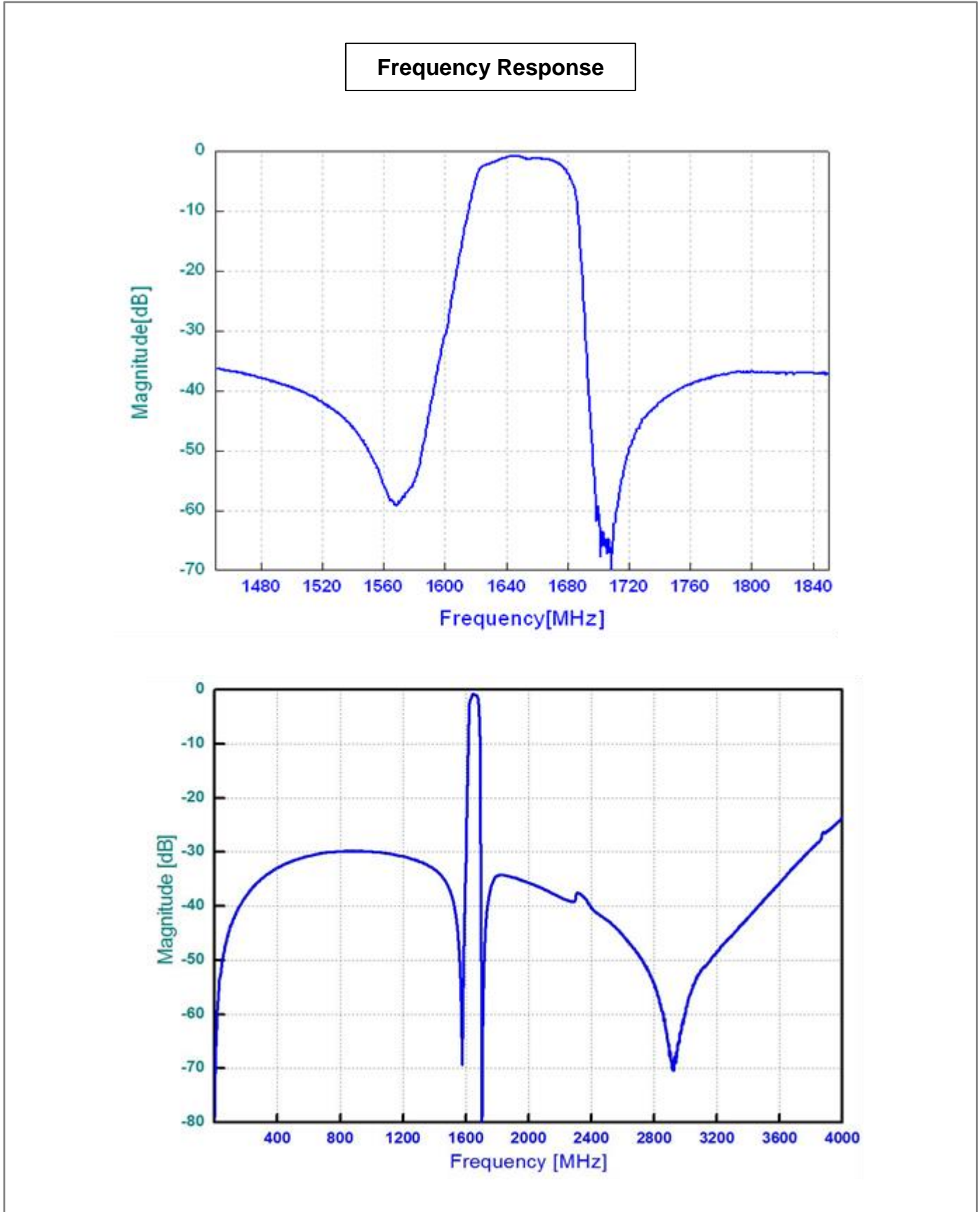
Pin Description	
A, C, D, F	Ground
E	In or Out
B	Out or In

Testing Environment

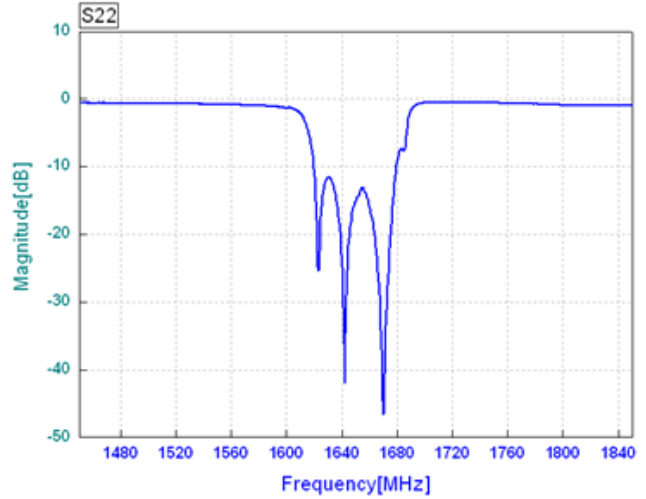
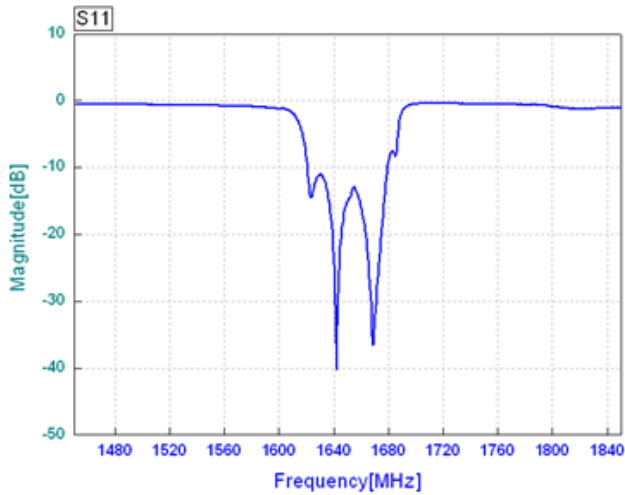


Source & Load Impedance: 50 Ω

Frequency Characteristics



Return Loss



Smith Chart

