

- Wireless, RF SAW Filter
- Revision 0: May 2013

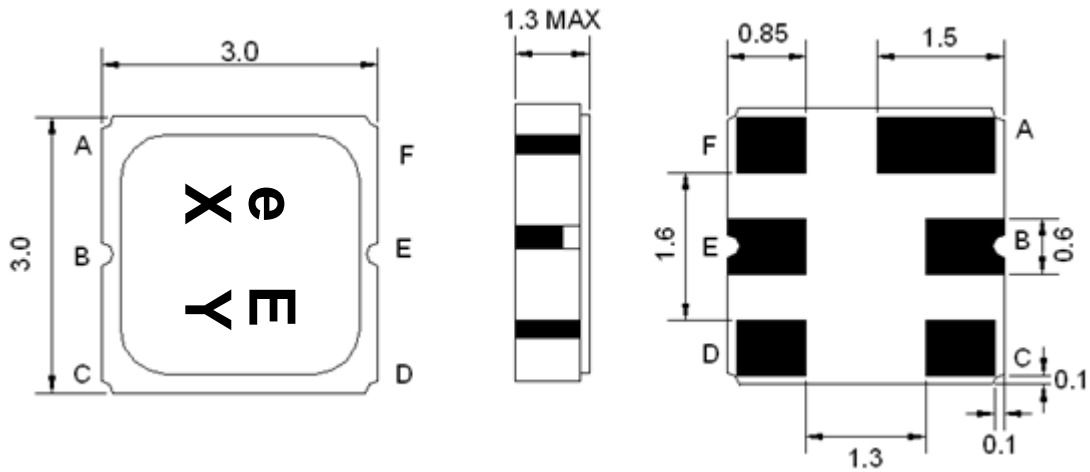
Electrical Characteristics

MAXIMUM RATINGS				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-40	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	3
Maximum Input Power	dBm	-	-	10
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	-	622.0	-
Insertion Loss within 620.0 ~ 624.0 MHz	dB	-	1.7	2.5
Amplitude Ripple within 620.0 ~ 624.0 MHz	dB _{p-p}	-	0.3	1.0
Group Delay Ripple within 620.0 ~ 624.0 MHz	ns _{p-p}	-	18	40
Attenuation:				
D.C ~ 500.0 MHz	dB	50	65	-
500.0 ~ 600.0 MHz	dB	40	45	-
635.0 ~ 650.0 MHz	dB	40	45	-
650.0 ~ 1000.0 MHz	dB	45	53	-
1000.0 ~ 2000.0 MHz	dB	35	41	-
2700.0 ~ 3000.0 MHz	dB	25	30	-
VSWR within 620.0 ~ 624.0 MHz	-	-	1.4	2.0

Notes: (1) No Matching Network

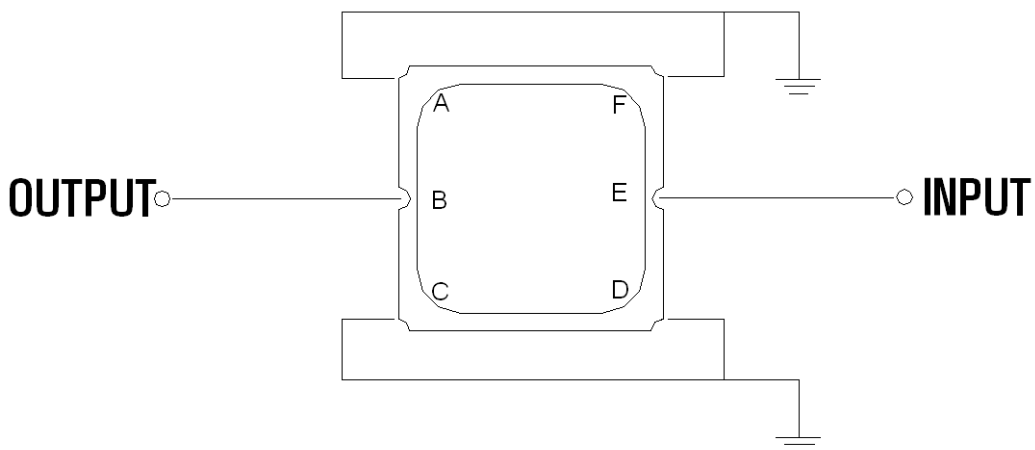
Package Dimensions



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

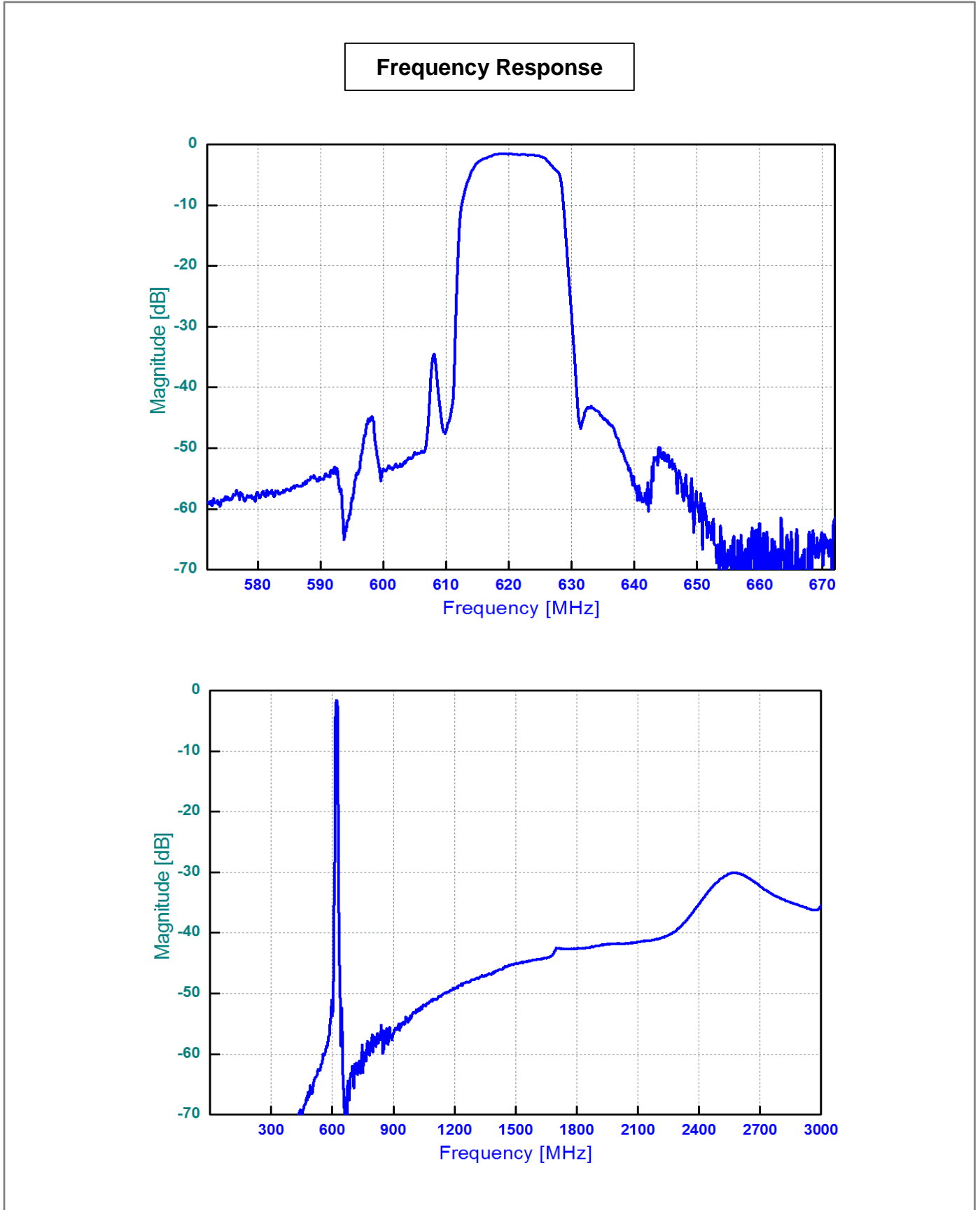
Pin Description	
A, C, D, F	Ground
E	In or Out
B	Out or In

Testing Environment

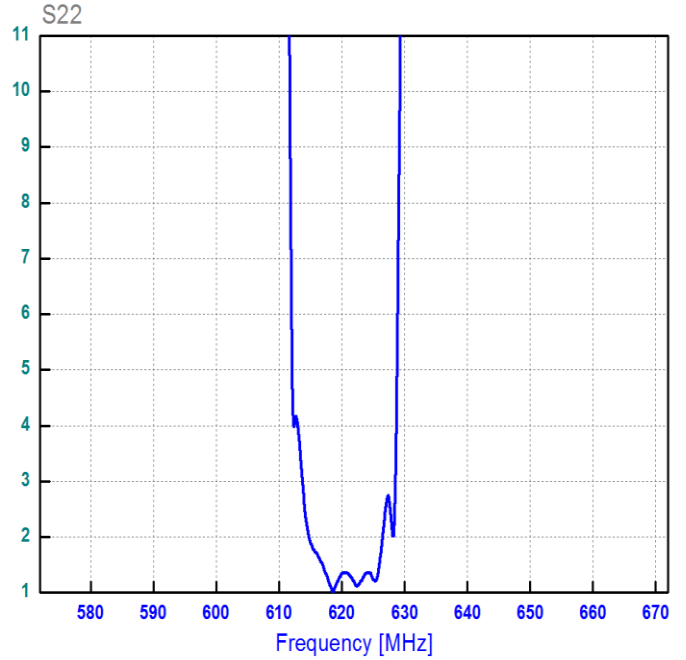
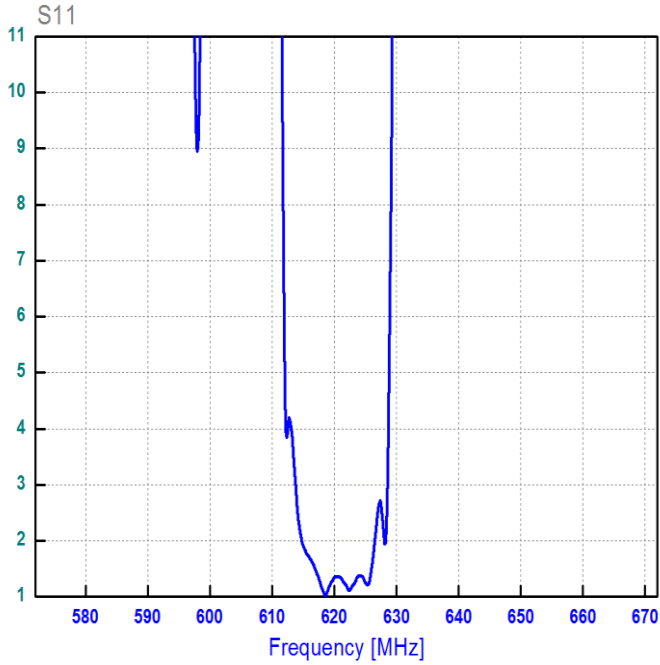


Source & Load Impedance: 50 Ω

Frequency Characteristics



VSWR



Smith Chart

