

- Wireless, RF SAW Filter
- Revision 0: April 2012

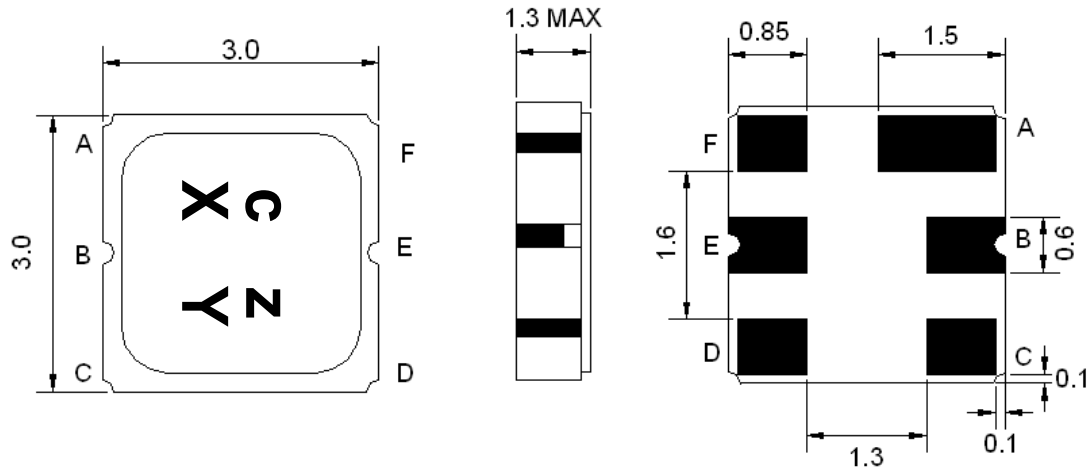
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	10
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	M			
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	-	822.5	-
Insertion Loss within 815.0 ~ 830.0 MHz	dB	-	2.0	3.0
Amplitude Ripple within 815.0 ~ 830.0 MHz	dB _{p-p}	-	0.7	1.0
Attenuation:				
100.0 ~ 740.0 MHz	dB	45	55	-
742.0 MHz	dB	45	55	-
800.0 MHz	dB	10	32	-
845.0 MHz	dB	5	12	-
948.0 MHz	dB	45	60	-
1000.0 ~ 2000.0 MHz	dB	30	38	-
2000.0 ~ 3000.0 MHz	dB	20	25	-
VSWR within 815.0~830.0 MHz	-	-	1.7	2.0

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

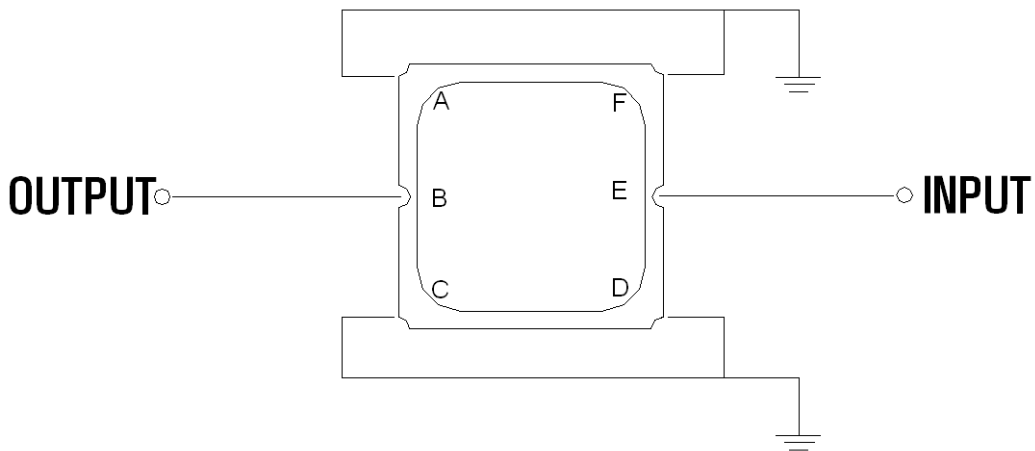
Package Dimensions



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

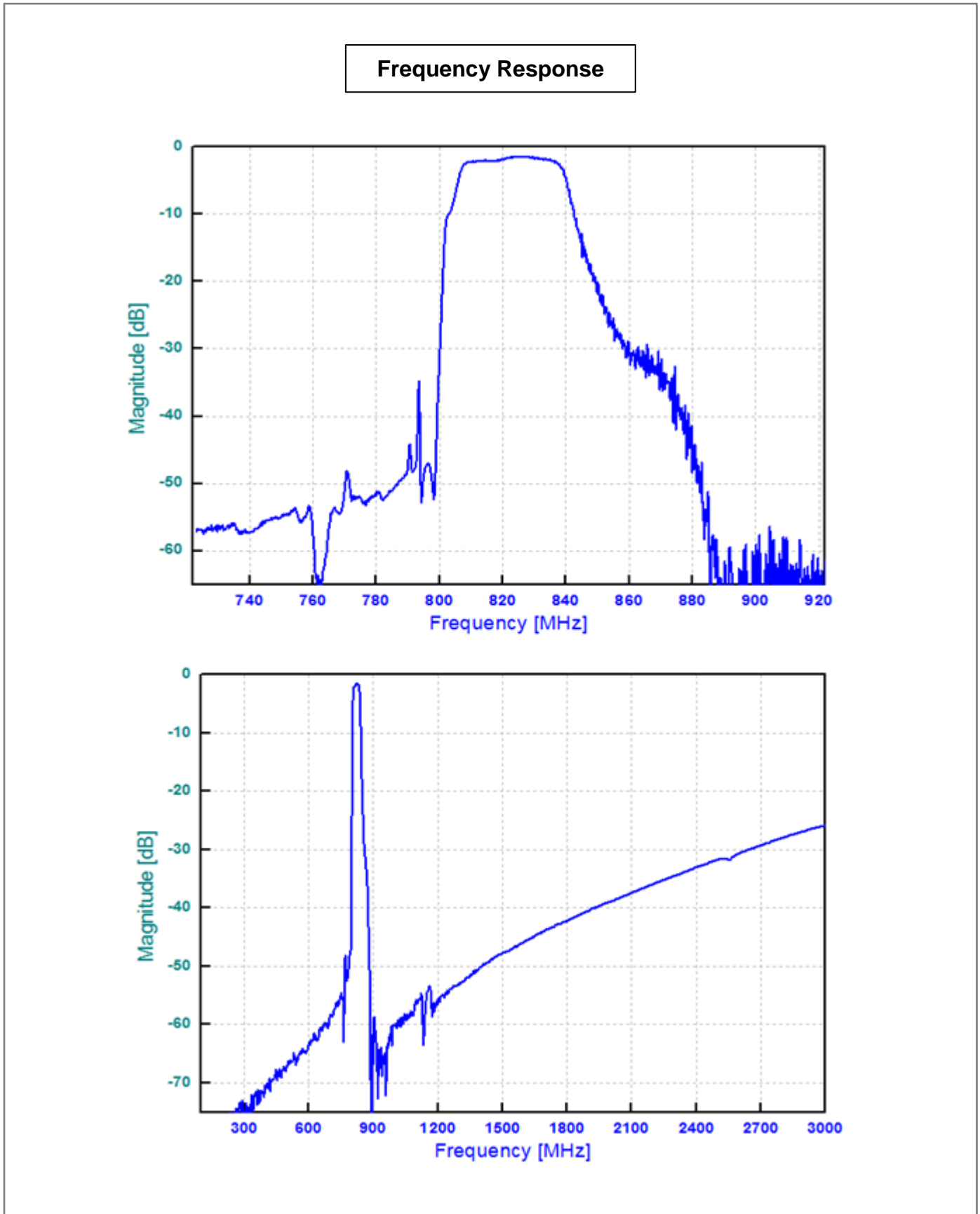
Pin Description	
A, C, D, F	Ground
E	In or Out
B	Out or In

Testing Environment

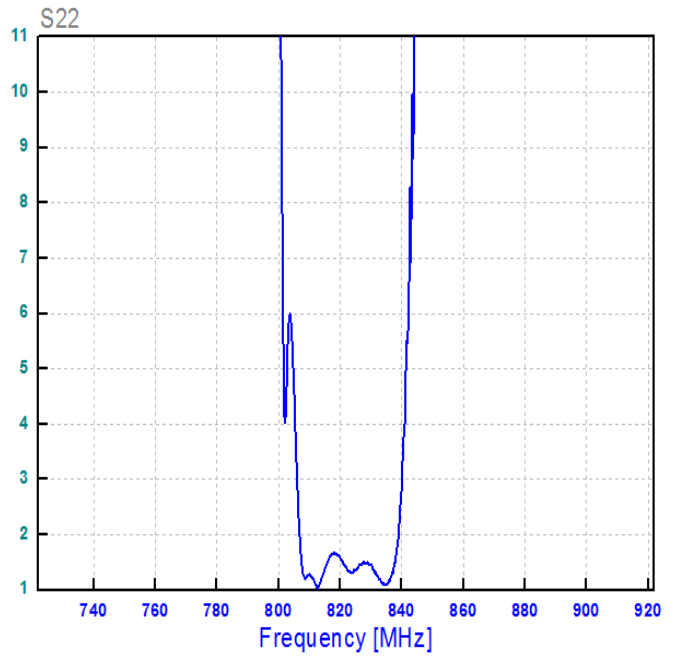
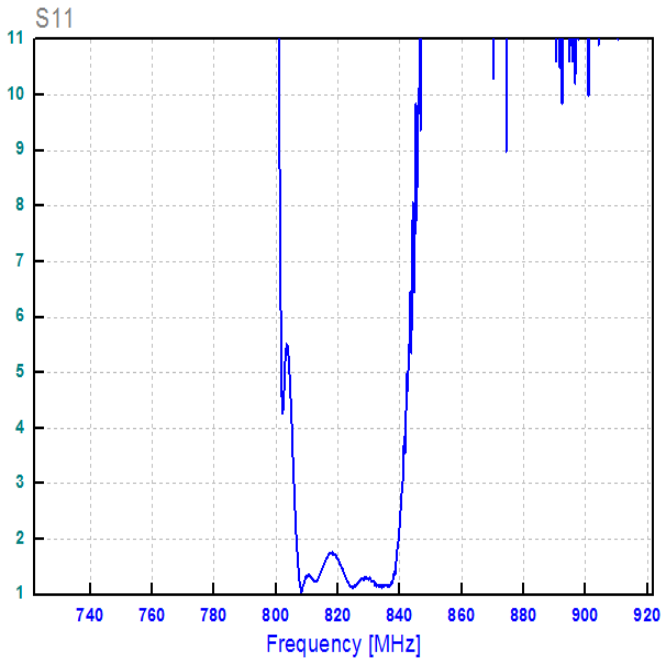


Source & Load Impedance: 50 Ω

Frequency Characteristics



VSWR



Smith Chart

