

- Wireless, RF SAW Filter
- Revision 1: October 2009

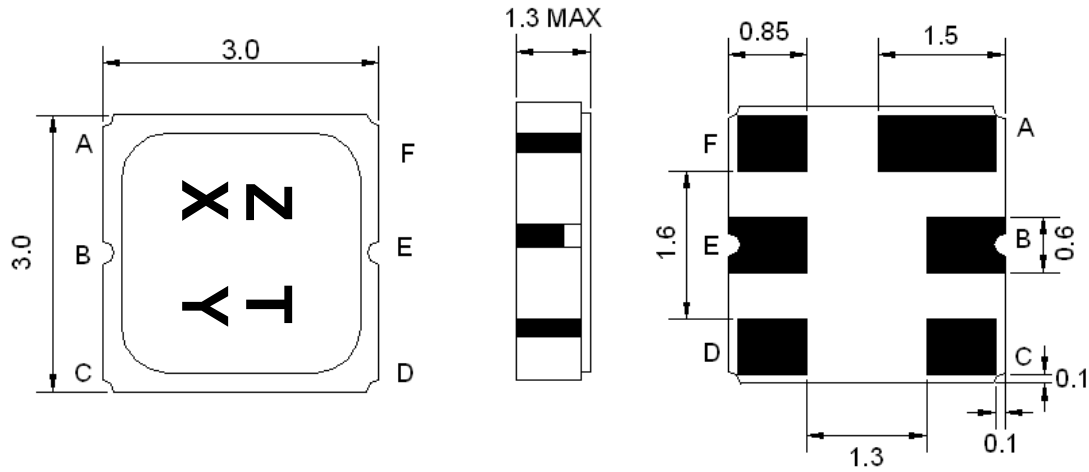
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	0	-	+70
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	-	827.4	-
Insertion Loss within 825.4 ~ 829.4MHz	dB	-	2.5	3.0
Amplitude Ripple within 825.4 ~ 829.4MHz	dB _{p-p}	-	0.3	0.8
Attenuation:				
750.0 ~ 810.0 MHz	dB	40	50	-
816.05 MHz (Fo-11.35MHz)	dB	10	20	-
838.75 MHz (Fo+11.35MHz)	dB	10	20	-
845.0 ~ 900.0 MHz	dB	35	44	-

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

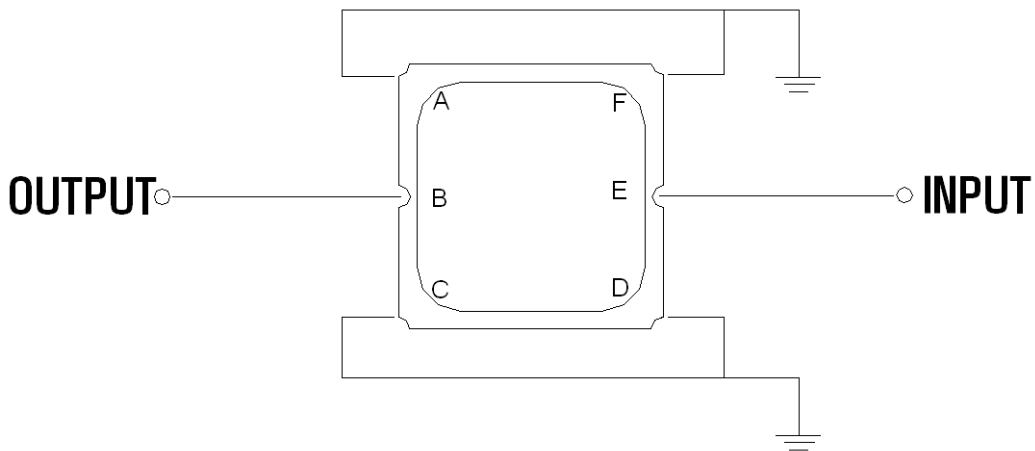
Package Dimensions



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

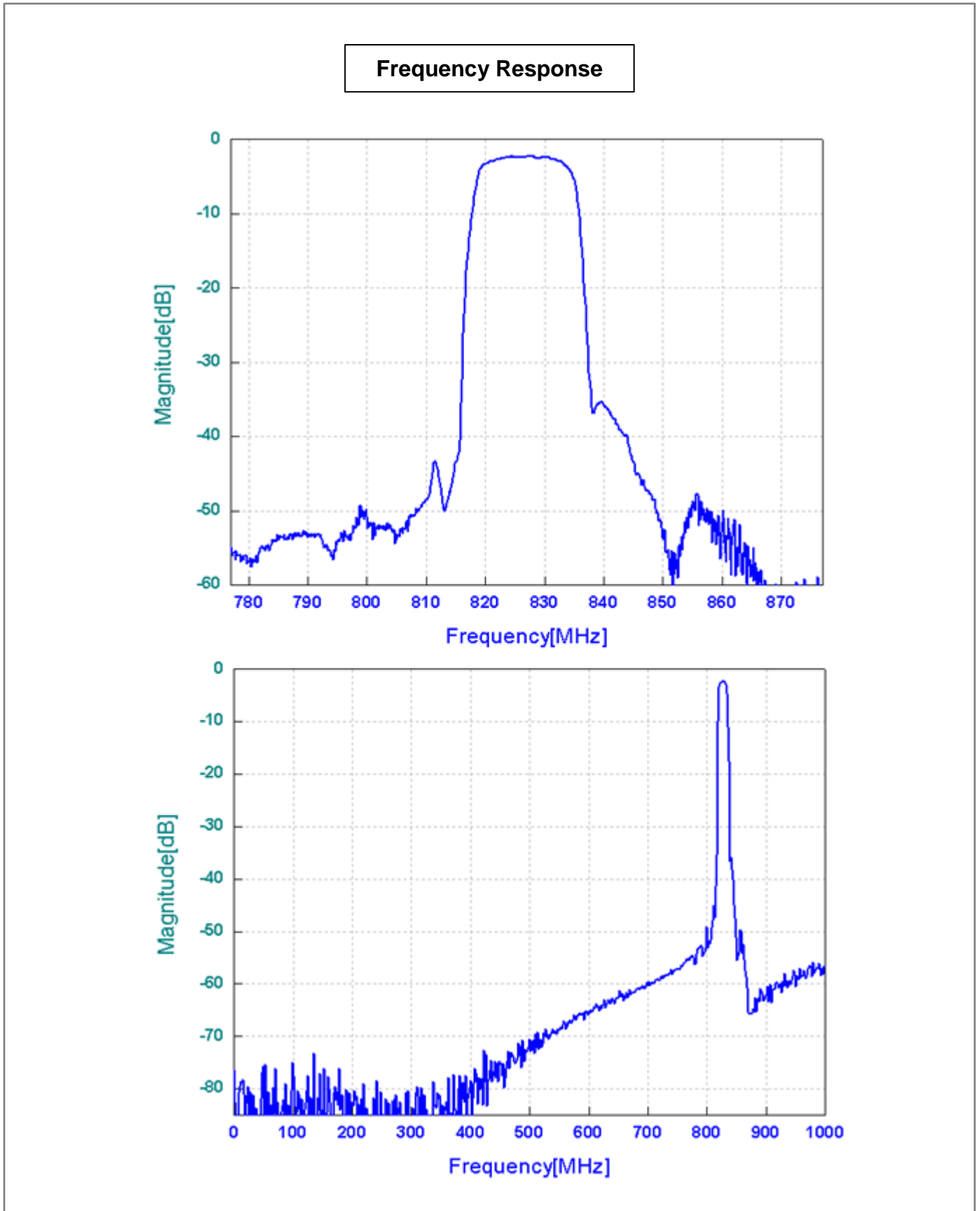
Pin Description	
A, C, D, F	Ground
B	In or Out
E	Out or In

Testing Environment

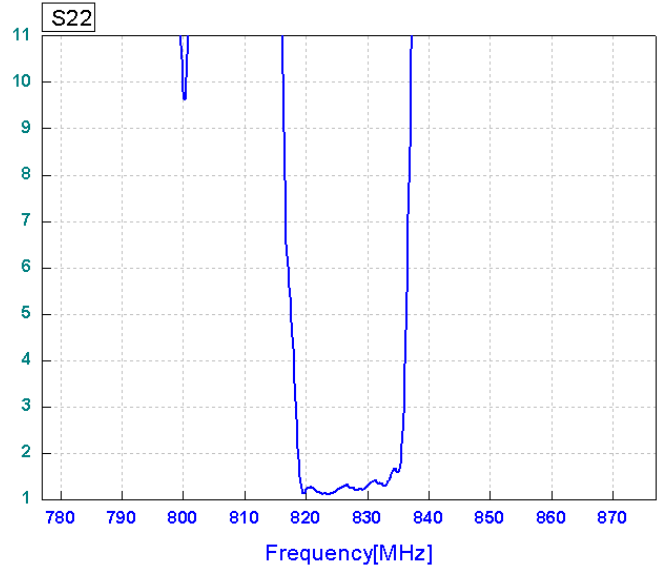
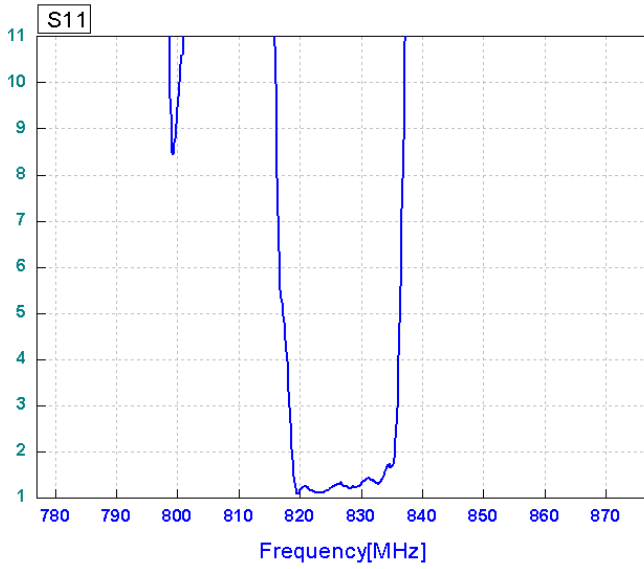


Source & Load Impedance: 50 Ω

Frequency Characteristics



VSWR



Smith Chart

