

- Wireless, RF SAW Filter
- Revision 0: November 2009

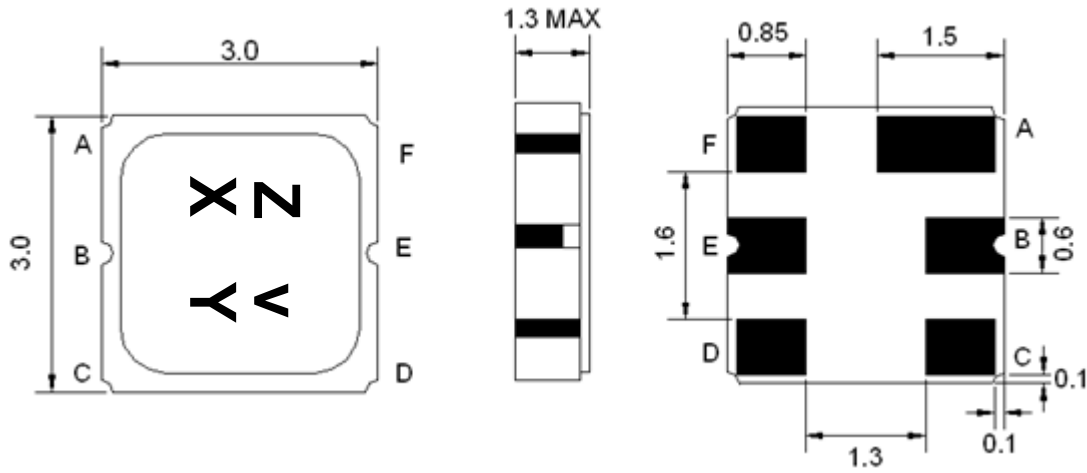
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	0	-	+50
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	-	740.0	-
Insertion Loss within 734.0 ~ 746.0 MHz	dB	-	1.2	2.5
Bandwidth	MHz	12	22	-
Amplitude Ripple within 734.0 ~ 746.0 MHz	dB _{p-p}	-	0.5	1.2
Attenuation:				
D.C ~ 704.0 MHz	dB	25	35	-
704.0 ~ 716.0 MHz	dB	33	48	-
594.0 ~ 606.0 MHz	dB	25	35	-
872.0 ~ 885.0 MHz	dB	28	36	-
1040.0 ~ 1052.0 MHz	dB	25	36	-
1052.0 ~ 2000.0 MHz	dB	25	36	-
2000.0 ~ 3000.0 MHz	dB	5	8	-
Return Loss within 734.0 ~ 746.0 MHz	dB	10	17	-

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

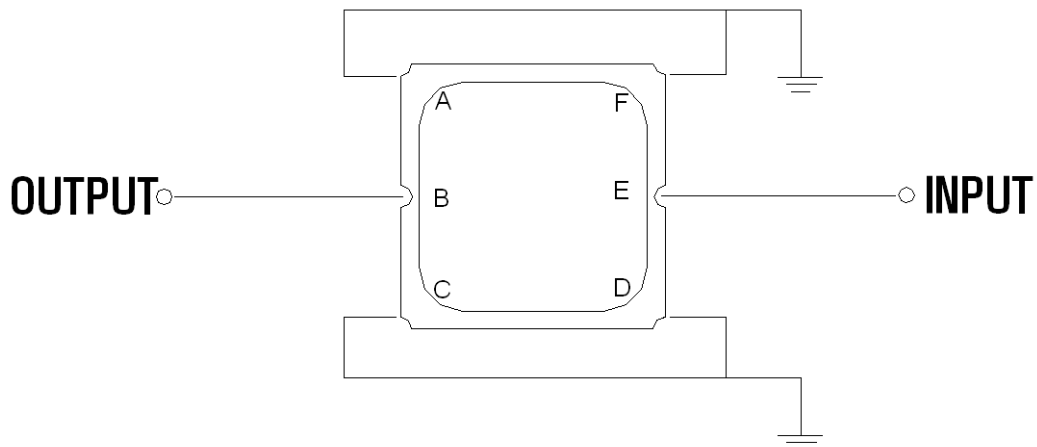
Package Dimensions



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

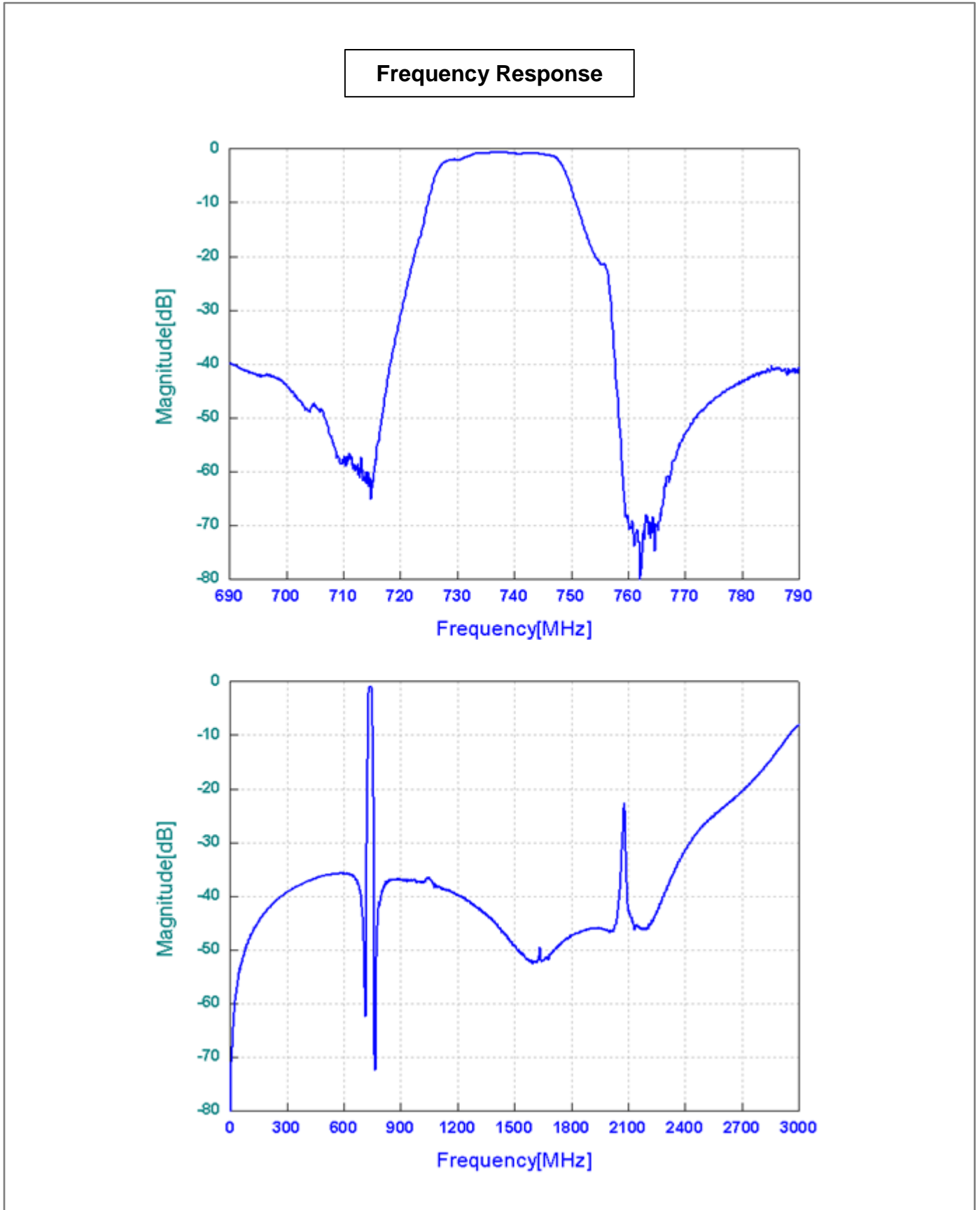
Pin Description	
A, C, D, F	Ground
E	In or Out
B	Out or In

Testing Environment

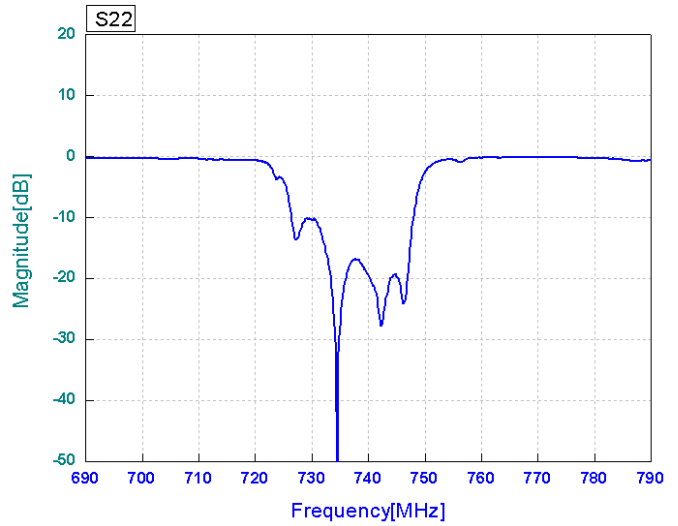
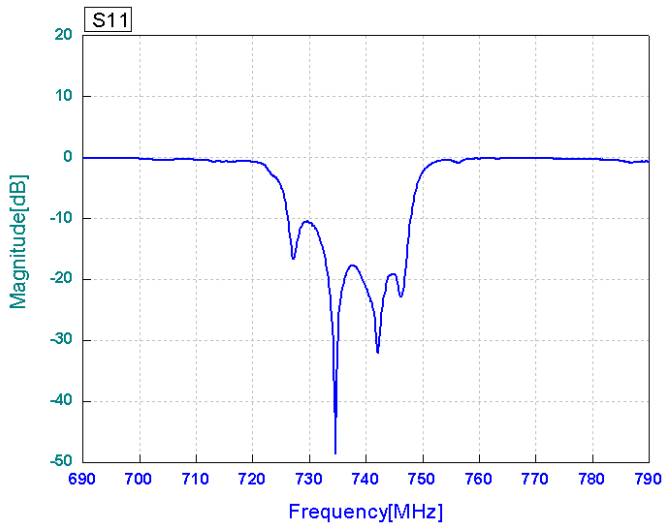


Source & Load Impedance: 50 Ω

Frequency Characteristics



Return Loss



Smith Chart

