

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

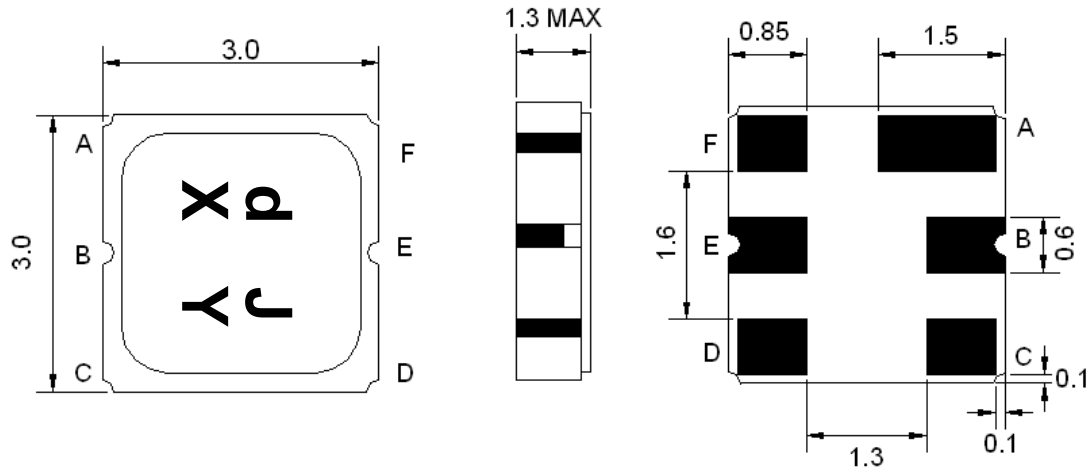
Electrical Characteristics

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	-	1.5	2.5
Amplitude Ripple within 734.0 ~ 746.0 MHz	dB _{p-p}	-	0.5	1.2
Attenuation:				
704.0 ~ 716.0 MHz	dB	33	47	-
725.0 MHz	dB	12	17	-
Return Loss within 734.0 ~ 746.0 MHz	dB	10	14	-

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

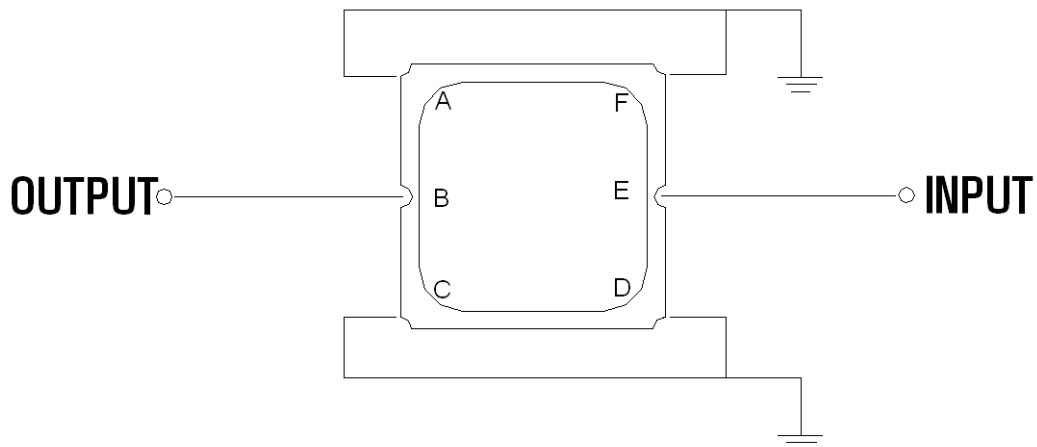
Package Dimensions



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

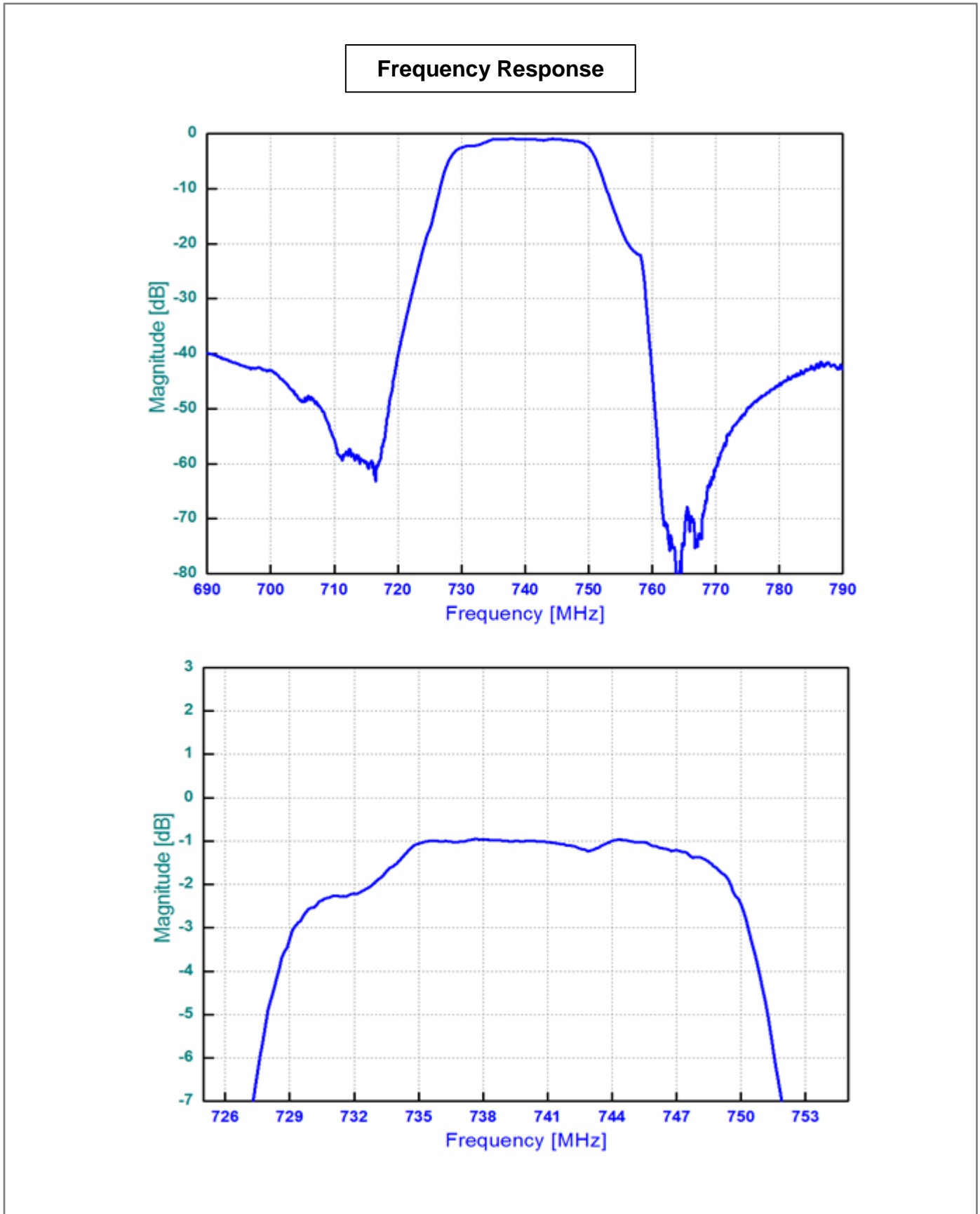
Pin Description	
A, C, D, F	Ground
E	In or Out
B	Out or In

Testing Environment

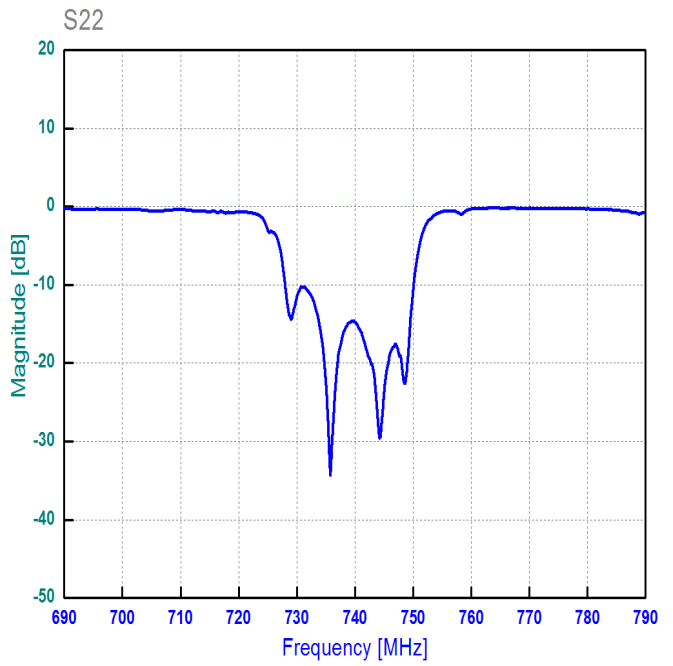
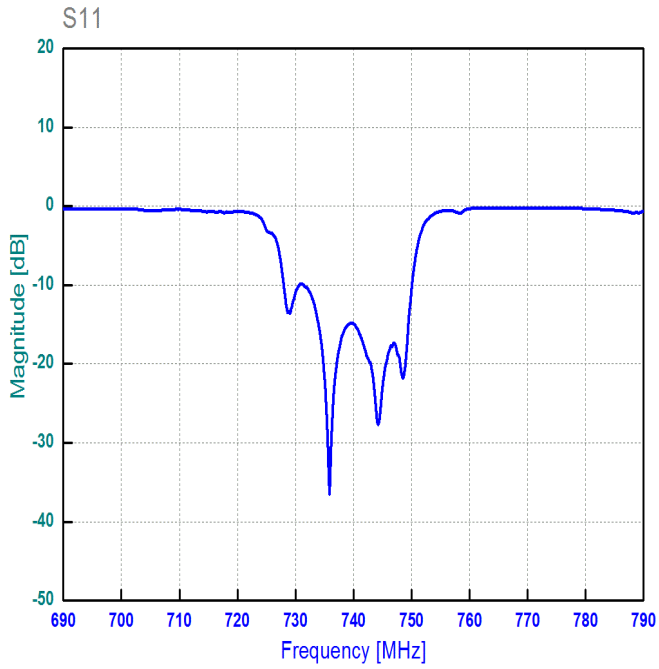


Source & Load Impedance: 50 Ω

Frequency Characteristics



Return Loss



Smith Chart

