

- Wireless, RF SAW Filter
- Revision 0:

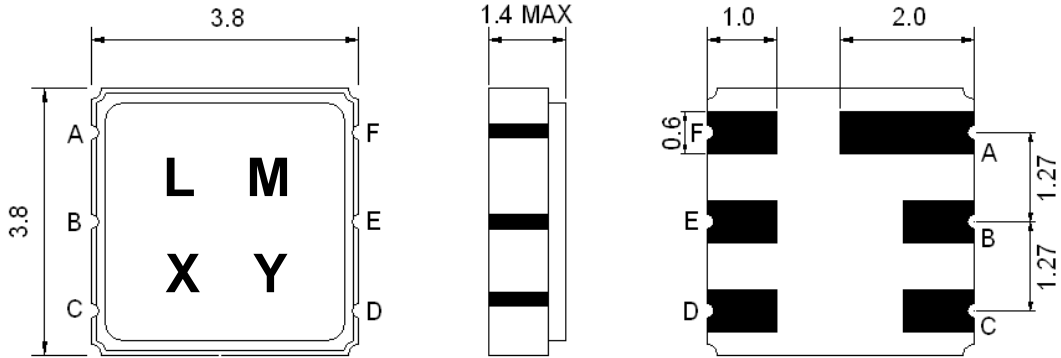
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+65
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	5
Maximum Input Power	dBm	-	-	15
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	P			
Length x Width	mm ²	-	3.8 x 3.8	-
Height	mm	-	-	1.4

ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	770.0	-
Insertion Loss within 760 ~ 780 MHz	dB	-	2.2	3.0
Amplitude Ripple within 760 ~ 780 MHz	dB _{p-p}	-	0.7	1.5
Attenuation:				
560.0 ~ 730.0 MHz	dB	50	58	-
824.0 ~ 849.0 MHz	dB	38	45	-
849.0 ~ 970.0 MHz	dB	50	58	-
VSWR within 760 ~ 780 MHz	-	-	1.45	2.0

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

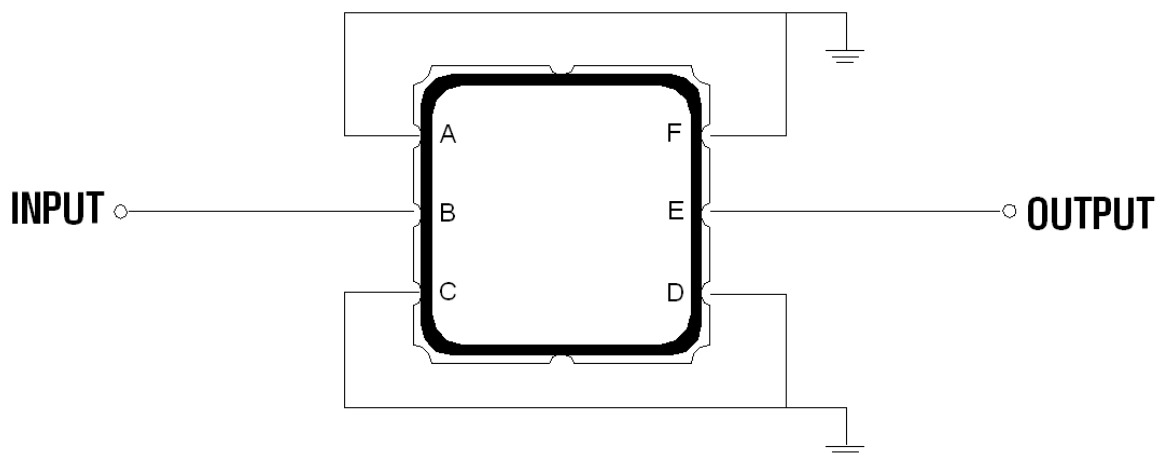
Package Dimensions



Marking Descriptions	
L	Wireless Application
M	Series Number
X	Date Code (Year)
Y	Date Code (Month)

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

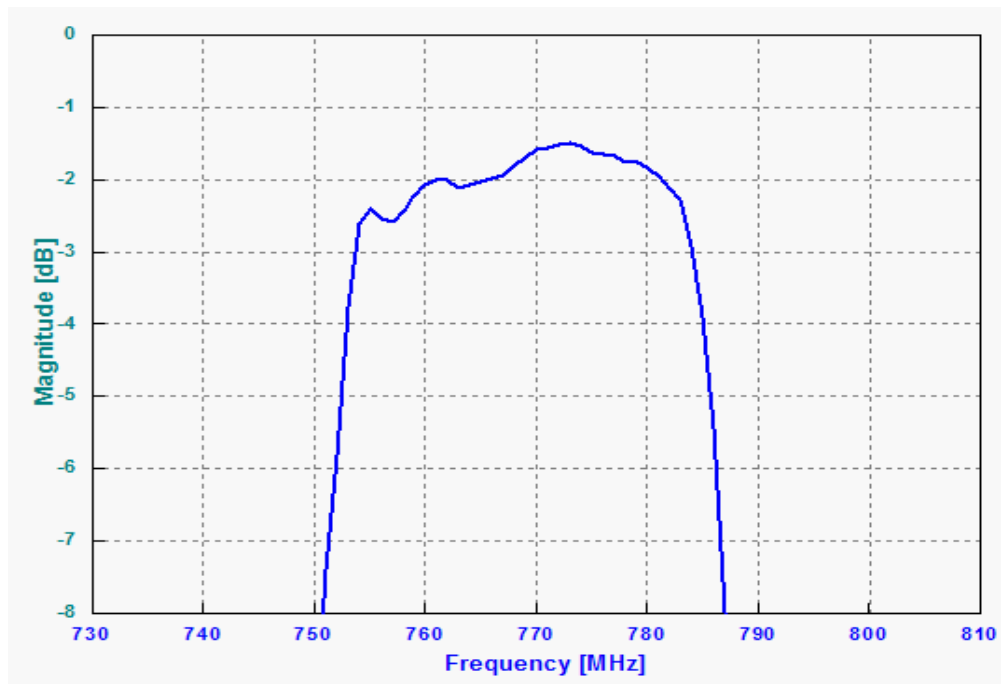
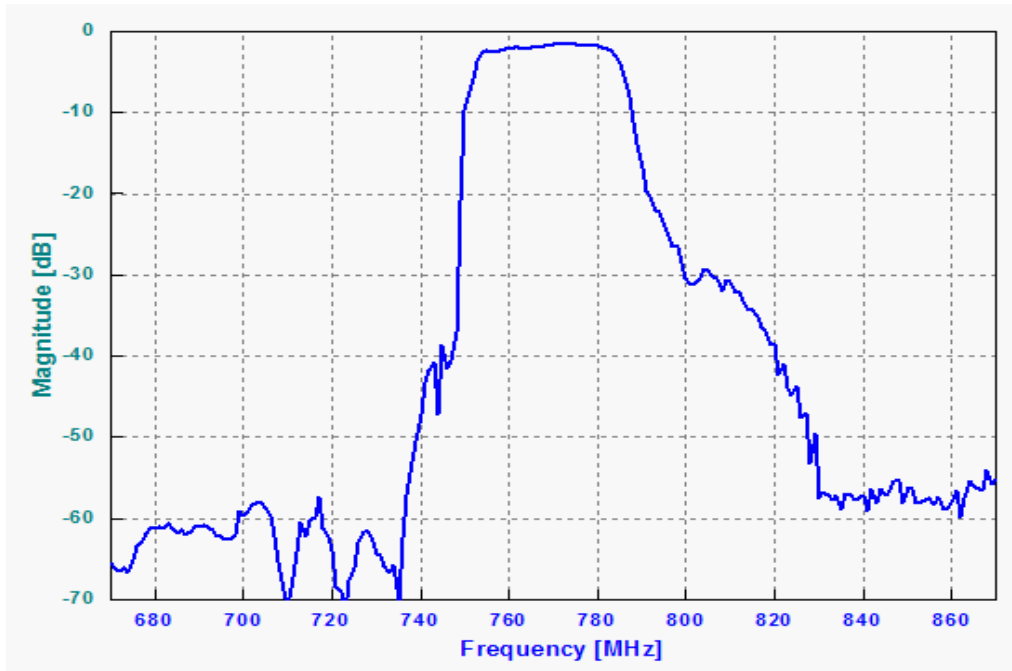
Testing Environment



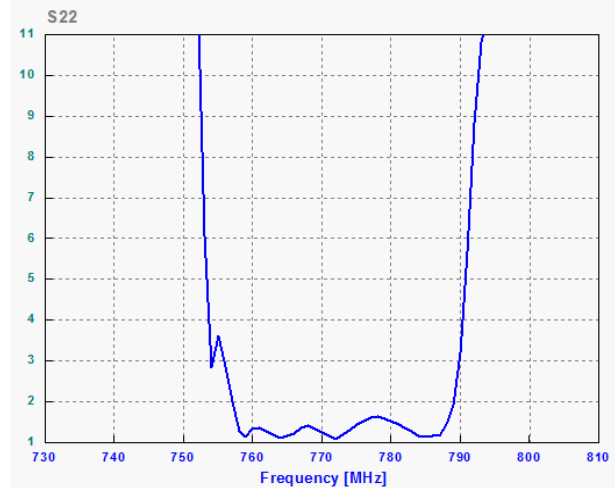
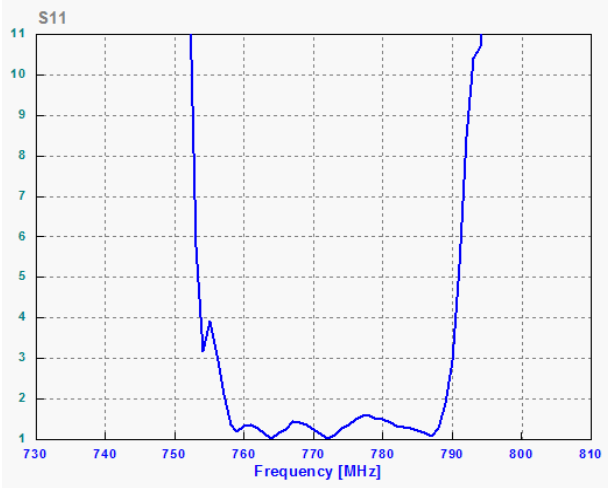
Source & Load Impedance: 50 Ω

Frequency Characteristics

Frequency Response



VSWR



Smith Chart

