

- Wireless, RF SAW Filter
- Revision 0: April 2014

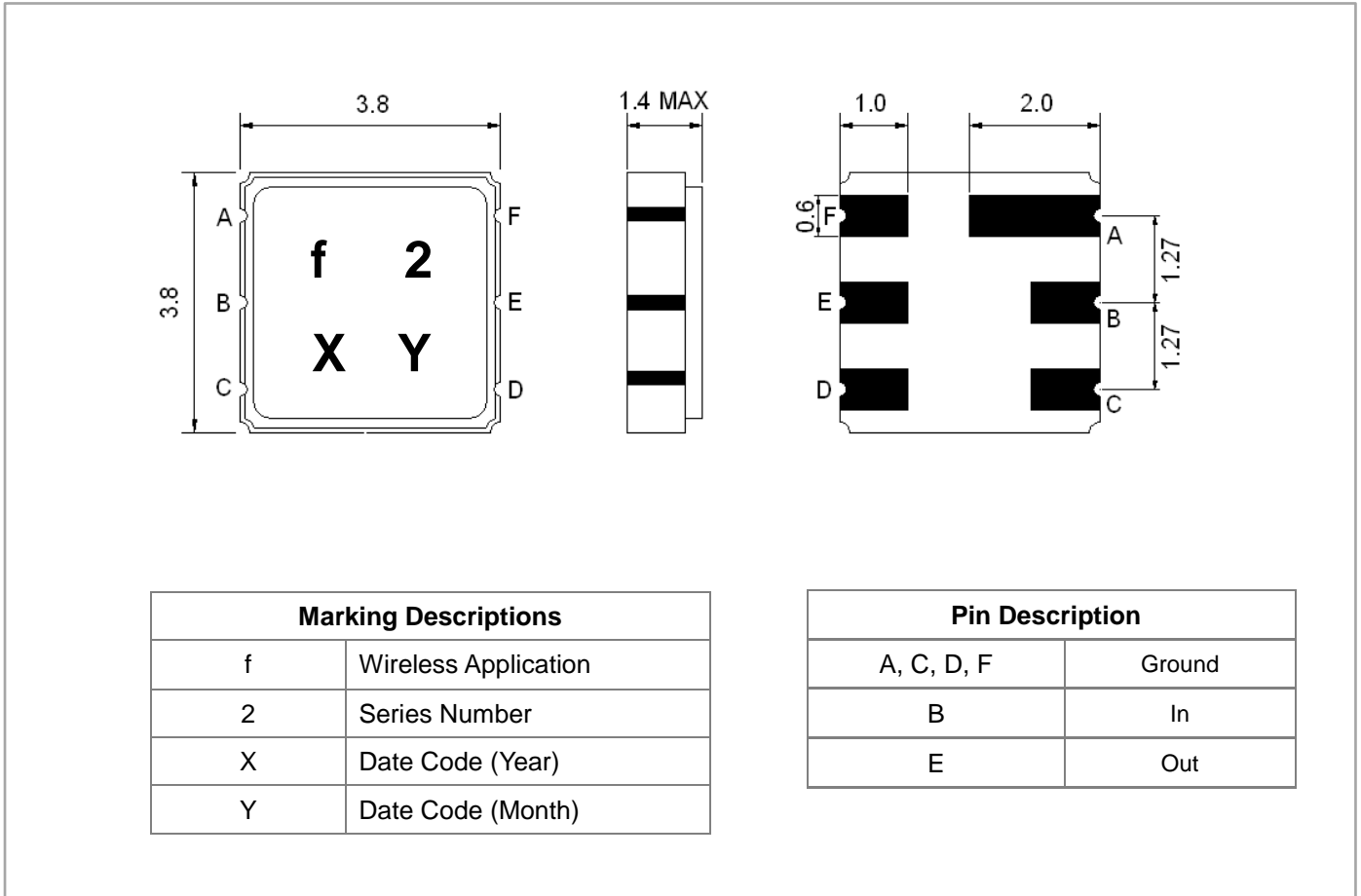
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-40	-	+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	S30			
Length x Width	mm ²	-	3.8 x 3.8	-
Height	mm	-	-	1.4

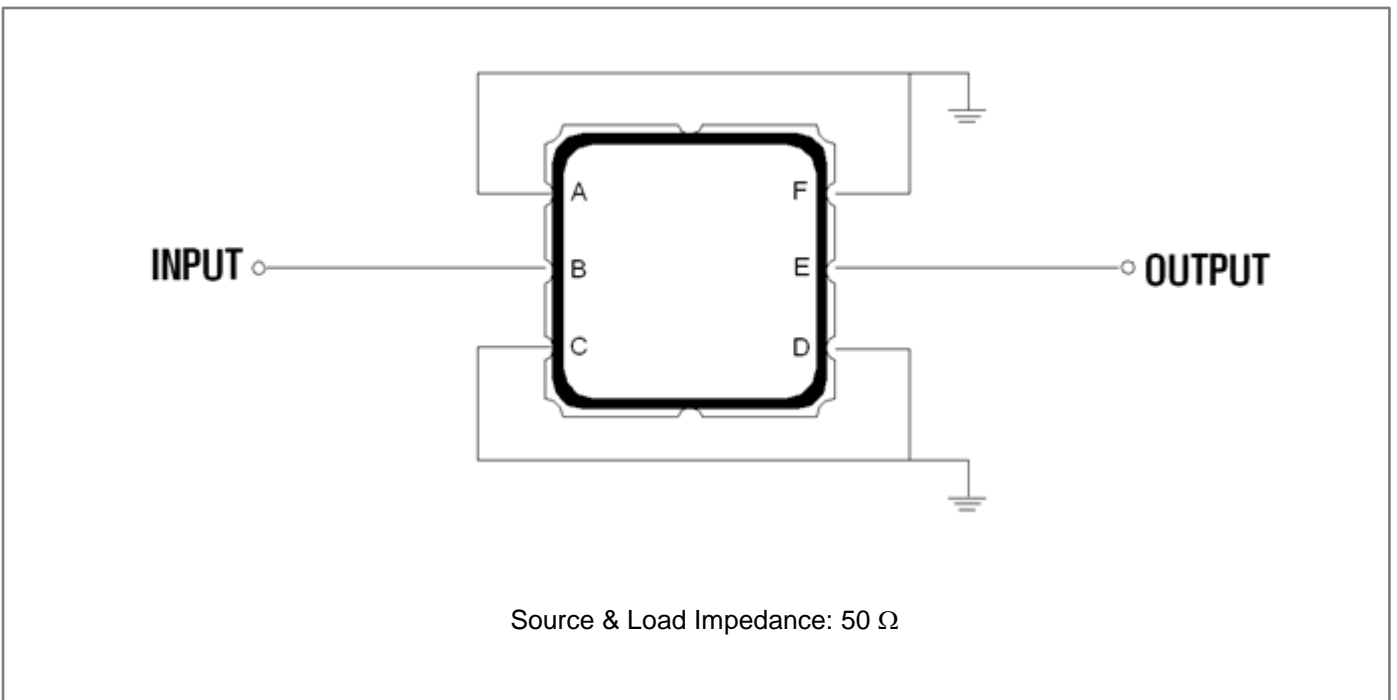
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	750.0	-
Insertion Loss within 725.0 ~ 775.0 MHz	dB	-	2.8	5.0
1dB Bandwidth	MHz	-	50	-
Amplitude Ripple within 725.0 ~ 775.0 MHz	dB _{p-p}	-	1.2	2.5
Group Delay Ripple within 725.0 ~ 775.0 MHz	ns _{p-p}	-	25	50
Attenuation:				
0.3 ~ 550.0 MHz	dB	40	55	-
550.0 ~ 680.0 MHz	dB	40	46	-
880.0 ~ 1100.0 MHz	dB	40	46	-
1100.0 ~ 1500.0 MHz	dB	35	41	-
VSWR within 725.0 ~ 775.0 MHz	-	-	1.8	2.0

Notes: (1) No Matching Network

Package Dimensions

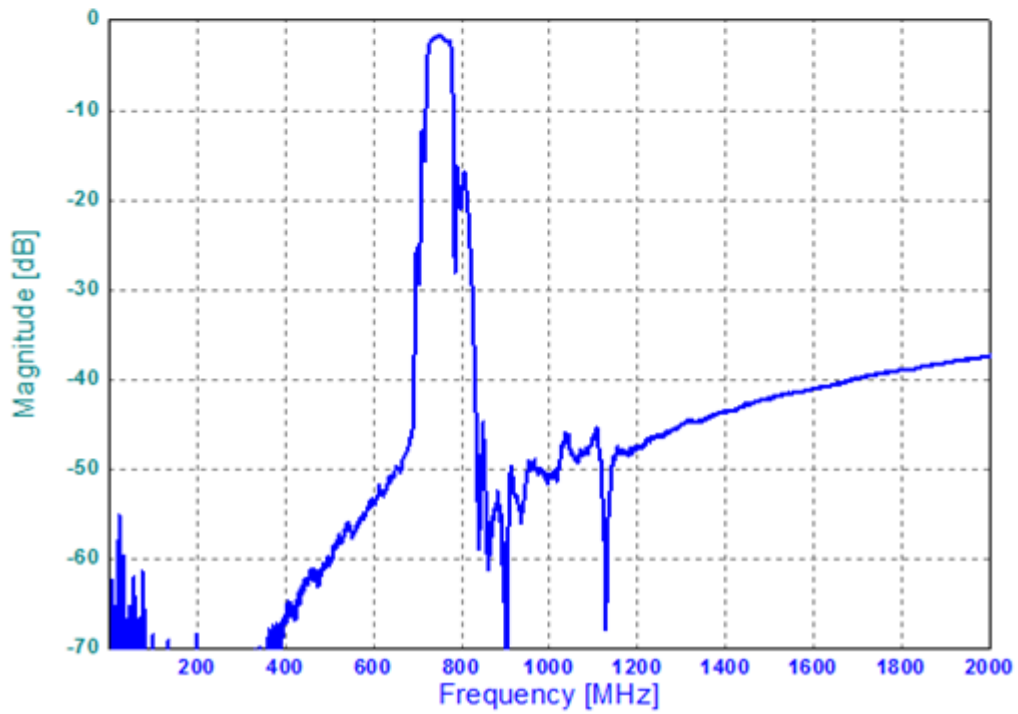
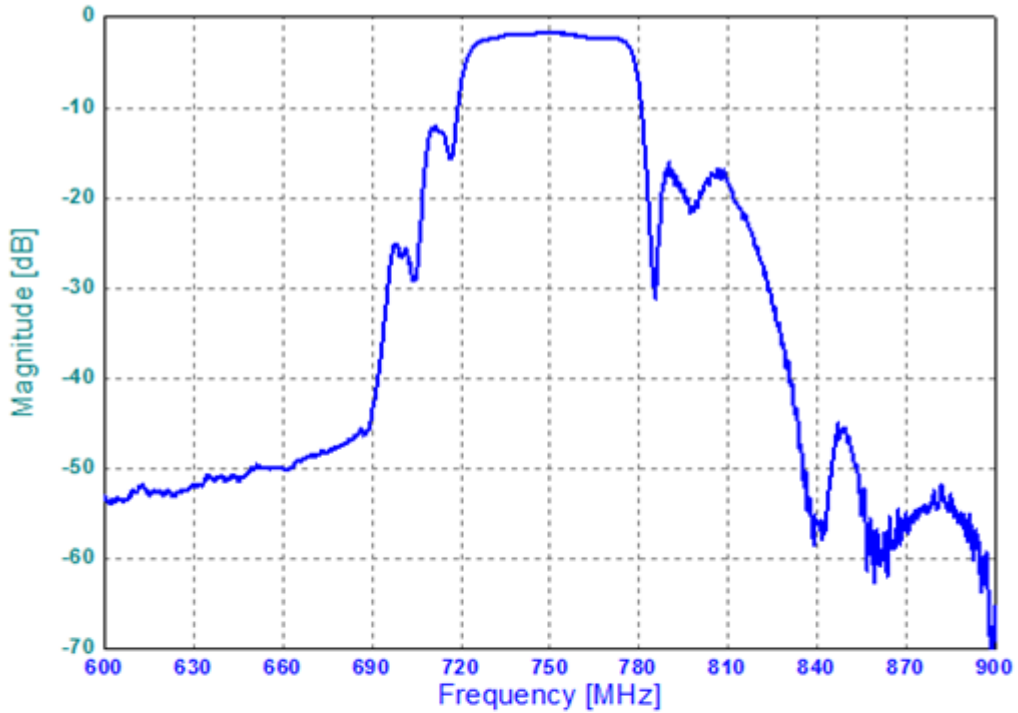


Testing Environment

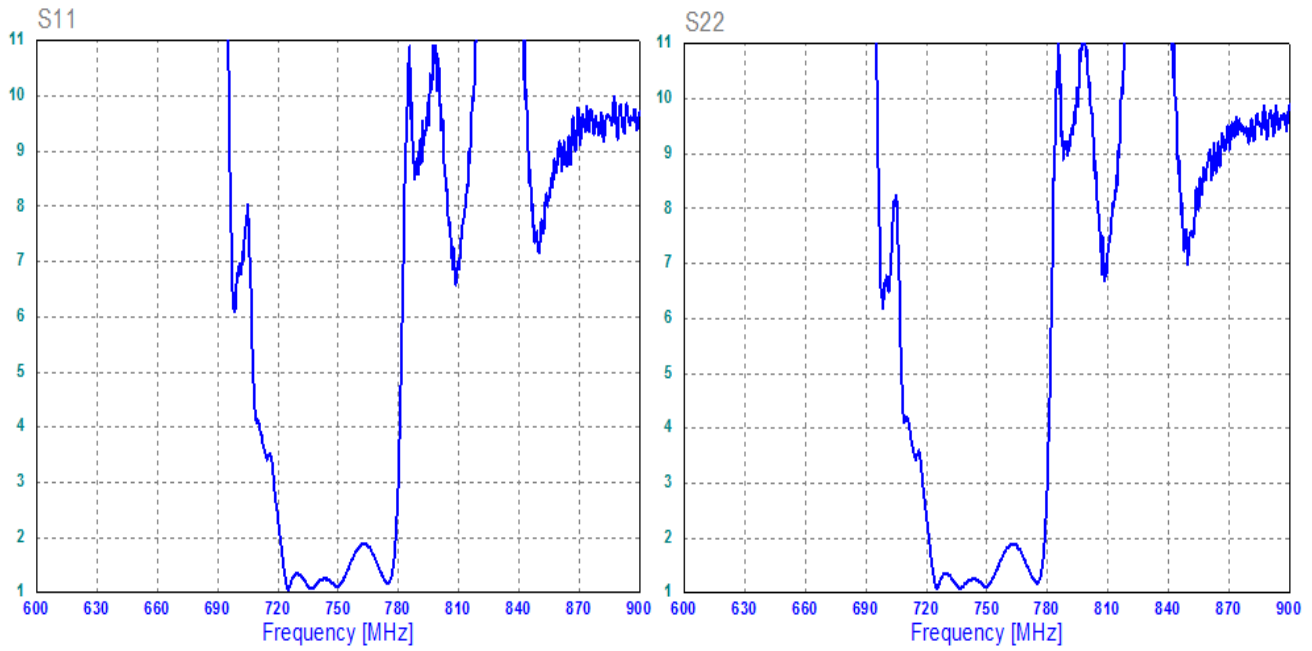


Frequency Characteristics

Frequency Response



VSWR



Smith Chart

