

- Wireless, RF SAW Filter
- Revision 0: January 2013

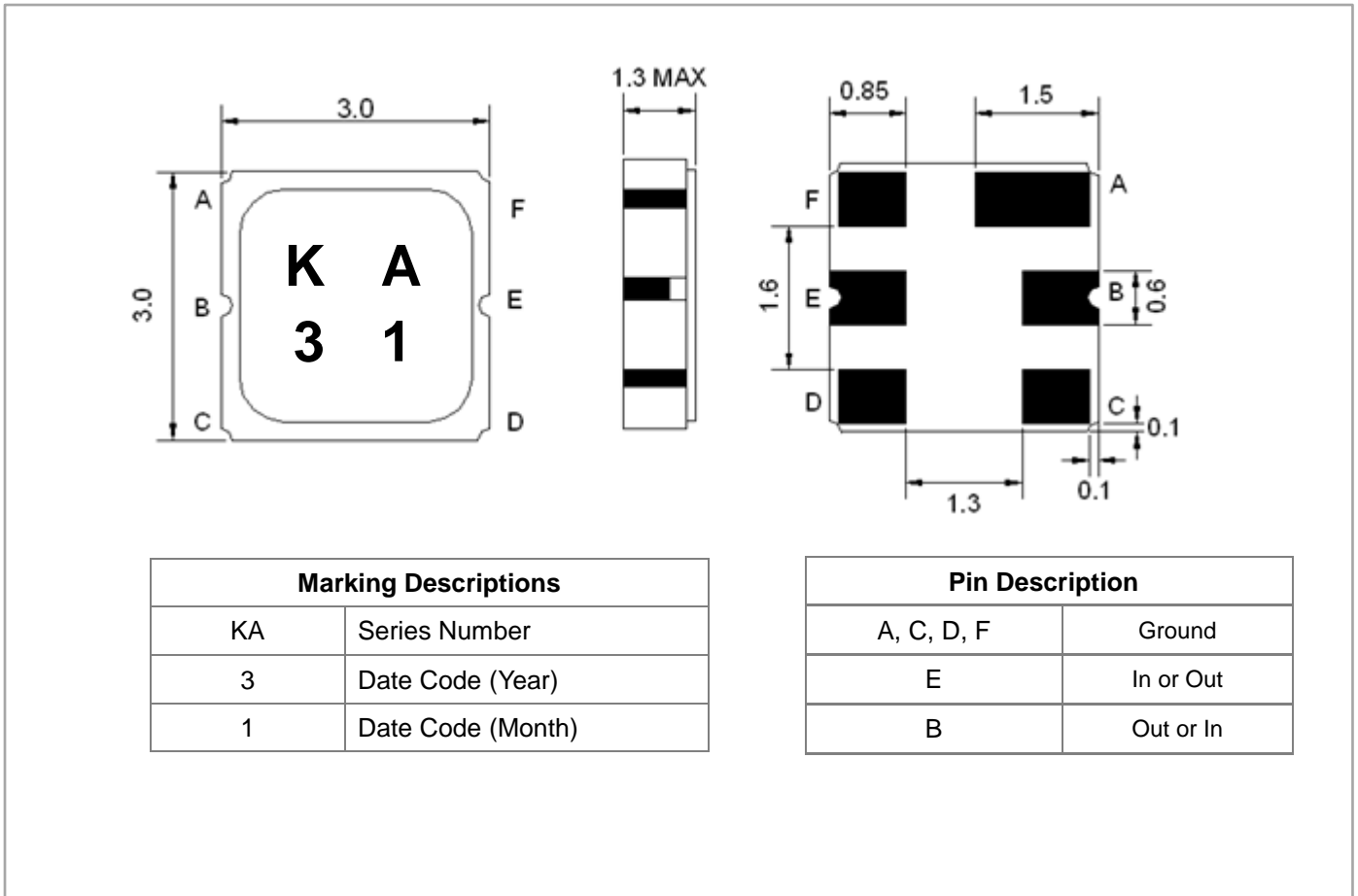
Electrical Characteristics

MAXIMUM RATINGS				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-45	-	+85
Storage Temperature Range	°C	-45	-	+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	S20			
Length x Width	mm ²	-	3.0 x 3.0	-
Height	mm	-	-	1.3

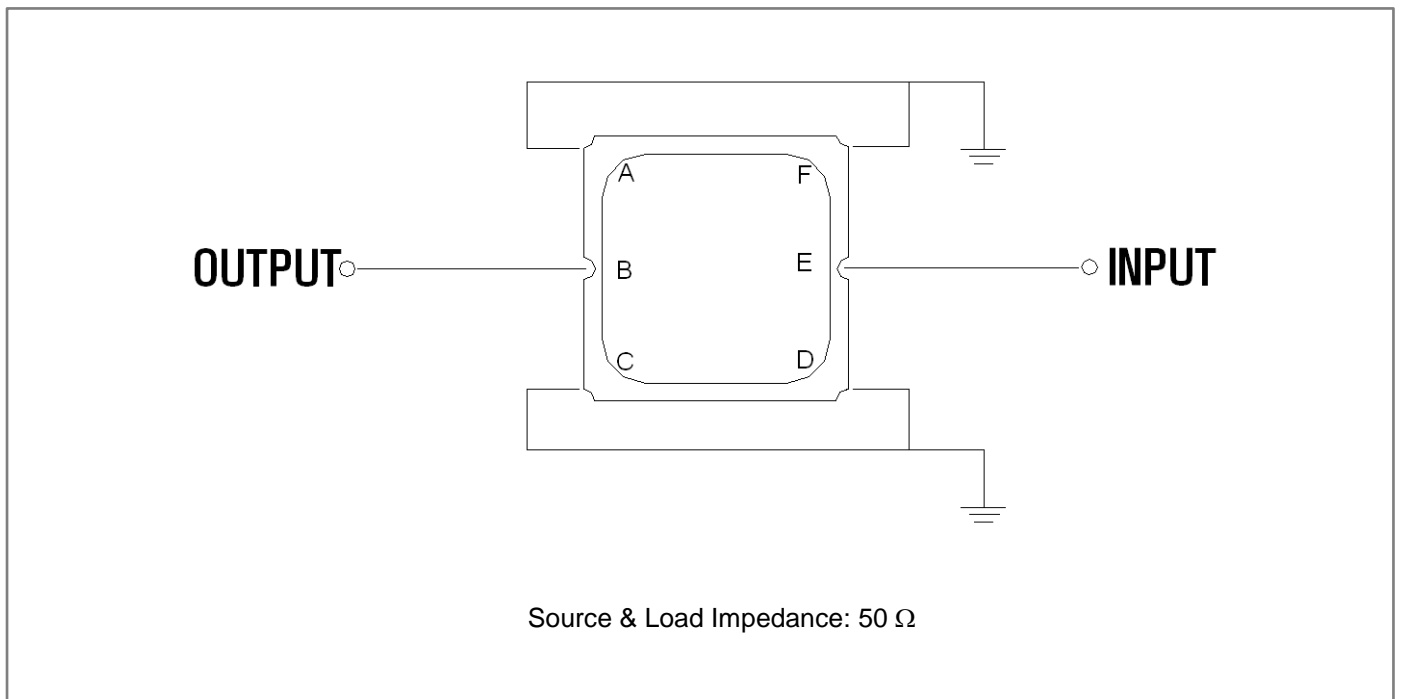
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	1227.6	-
Insertion Loss within 1216.6 ~ 1238.6 MHz	dB	-	1.2	3.0
Amplitude Ripple within 1216.6 ~ 1238.6 MHz	dB _{p-p}	-	0.4	1.2
Attenuation:				
1182.6 MHz (Fo - 45.0 MHz)	dB	35	42	-
1272.6 MHz (Fo + 45.0 MHz)	dB	35	44	-
VSWR within 1216.6 ~ 1238.6 MHz	-	-	1.5	2.0

Notes: (1) No Matching Network

Package Dimensions

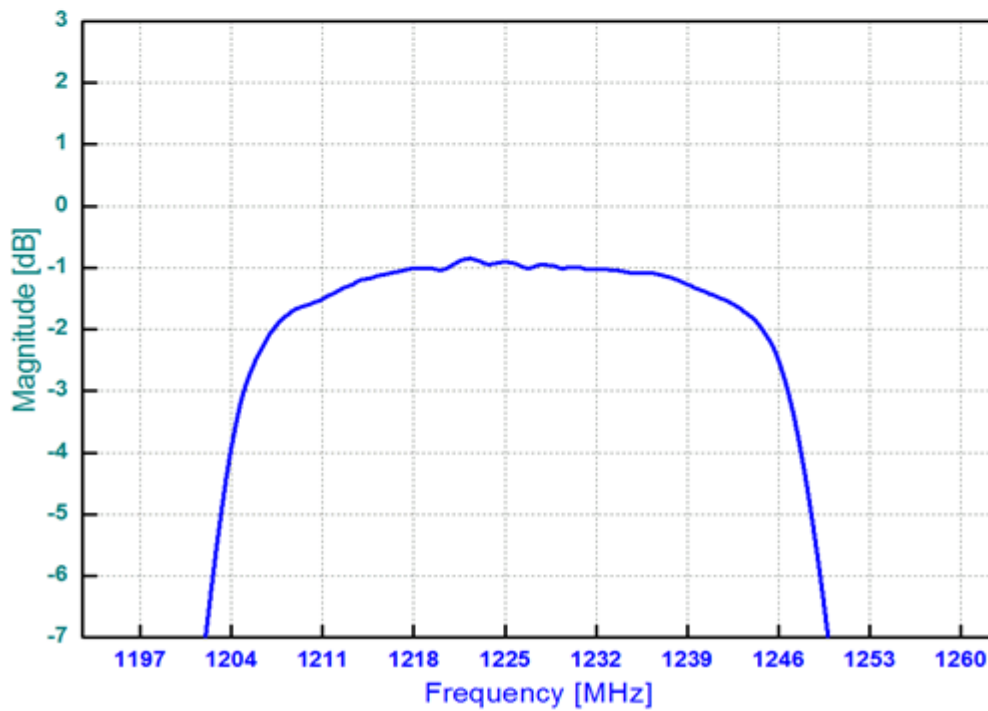
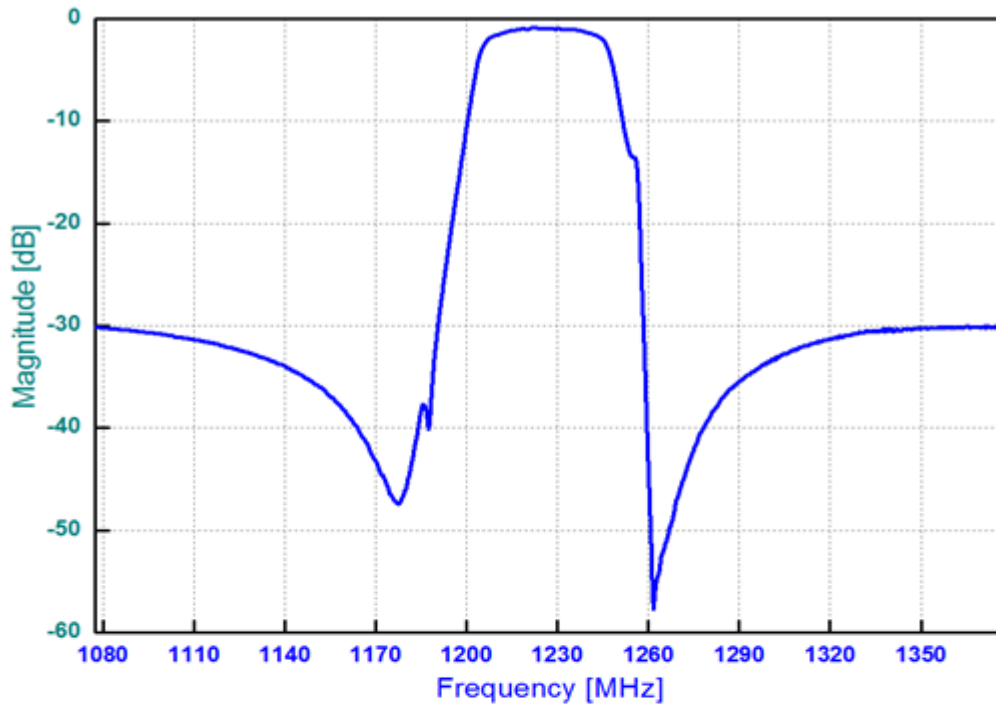


Testing Environment

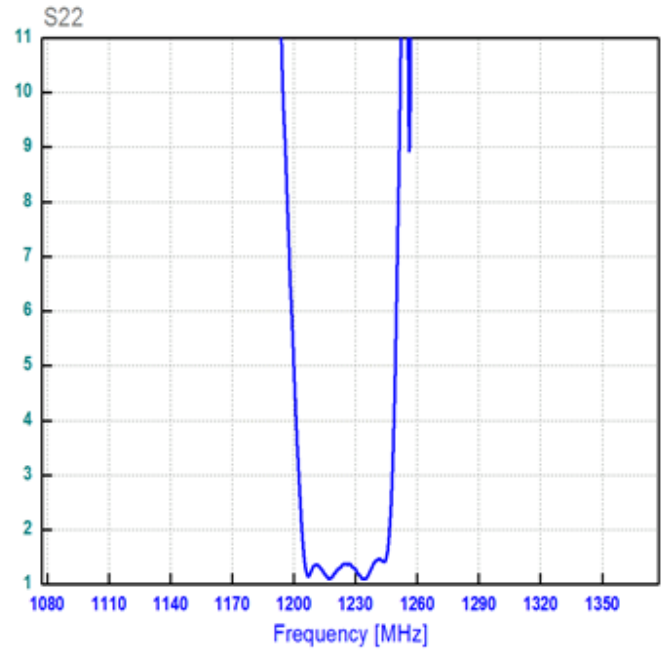
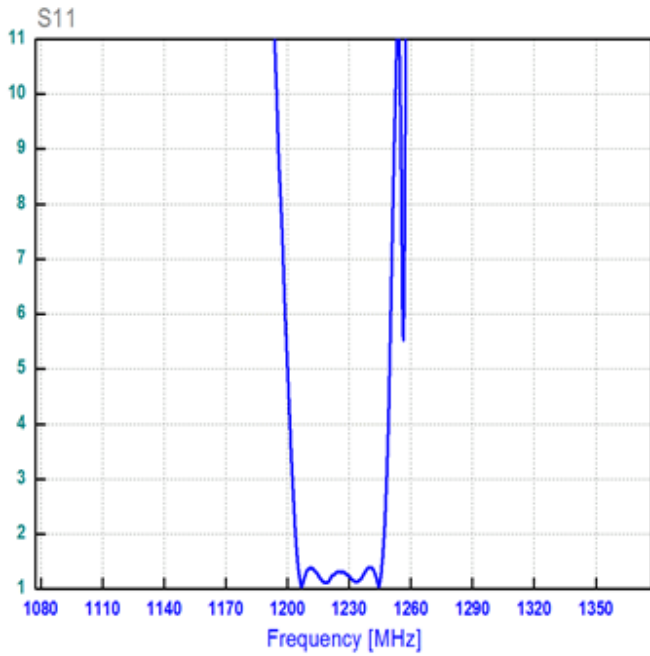


Frequency Characteristics

Frequency Response



VSWR



Smith Chart

