

- K-PCS, RF-Rx SAW Filter
- Revision 0: January 2002

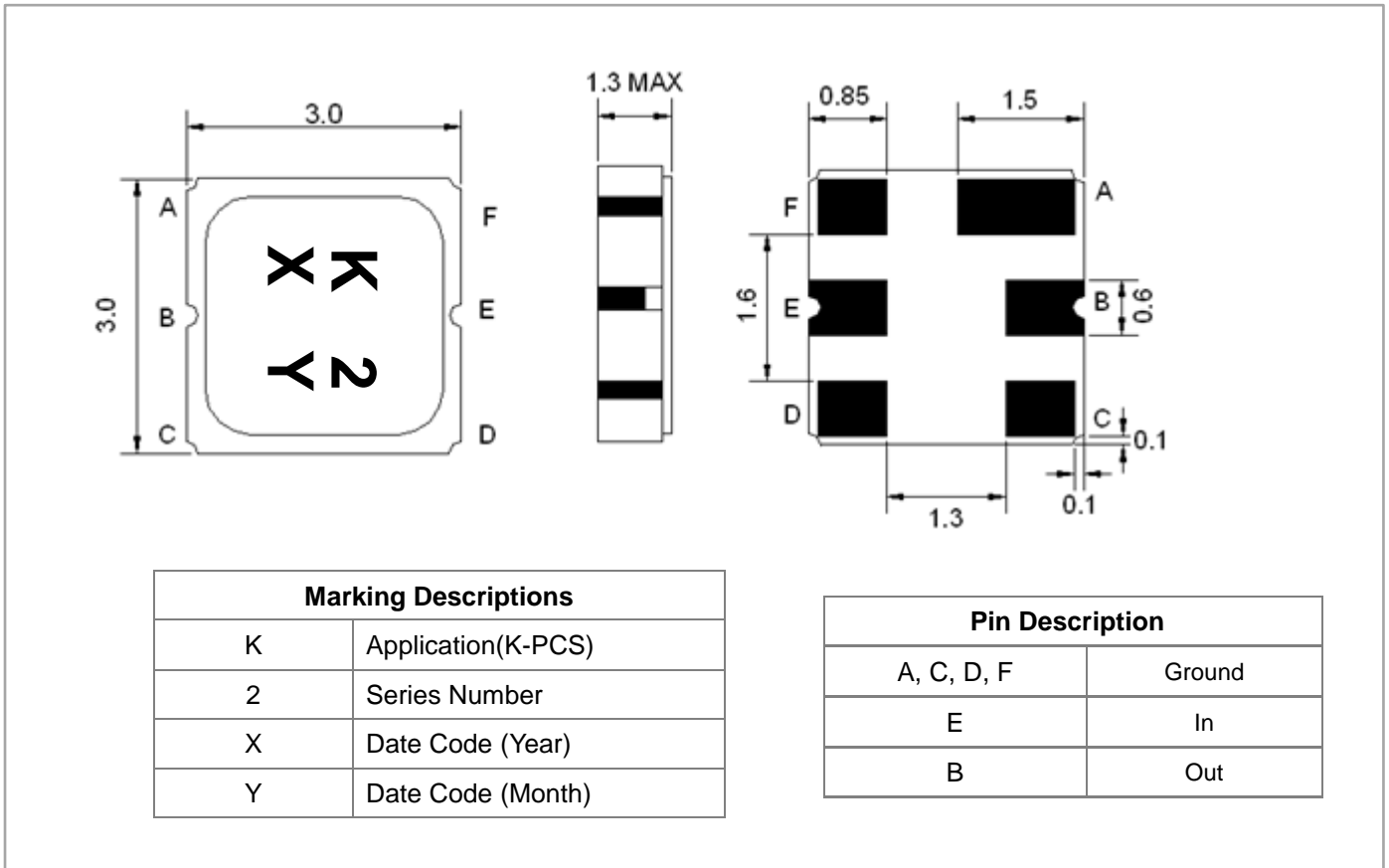
## Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	7.5
Maximum Input Power	dBm	-	-	15
Source Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Load Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Package type & size	M			
Length x Width	mm <sup>2</sup>	-	3.0 x 3.0	-
Height	mm	-	-	1.3

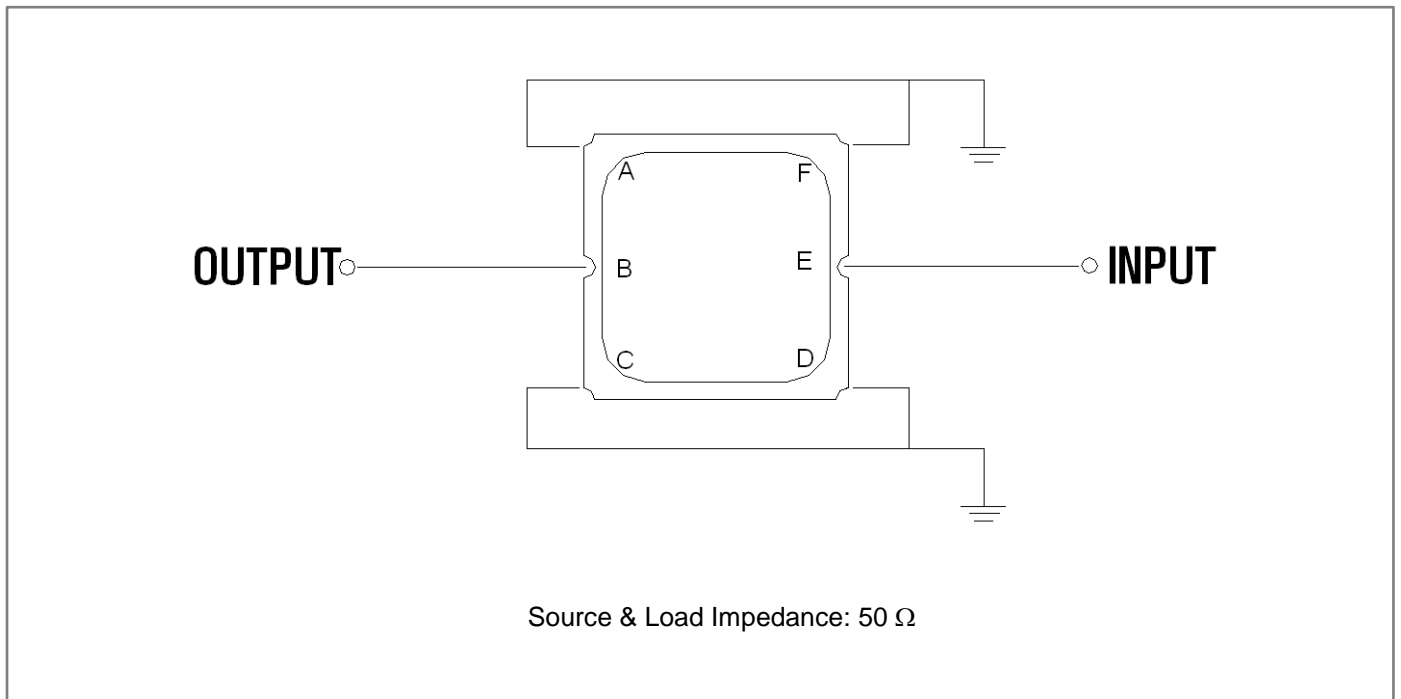
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	1855	-
Insertion Loss 1840~1870 MHz	dB	-	2.3	3.0
Amplitude Ripple within 1840~1870 MHz	dB <sub>p-p</sub>	-	0.8	1.5
<b>Attenuation:</b>				
1440 ~ 1470 MHz	dB	35	43	-
1750 ~ 1780 MHz	dB	35	40	-
1930 ~ 1960 MHz	dB	40	45	-
2240 ~ 2270 MHz	dB	40	48	-
VSWR (1840~1870 MHz)	-	-	1.6	2.0

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

## Package Dimensions

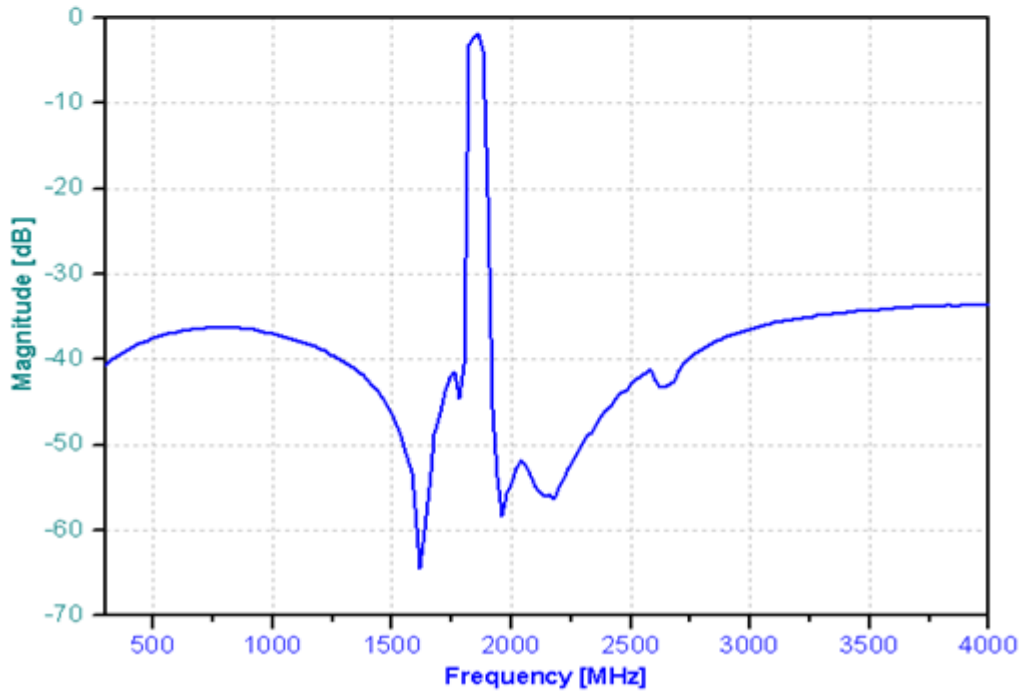
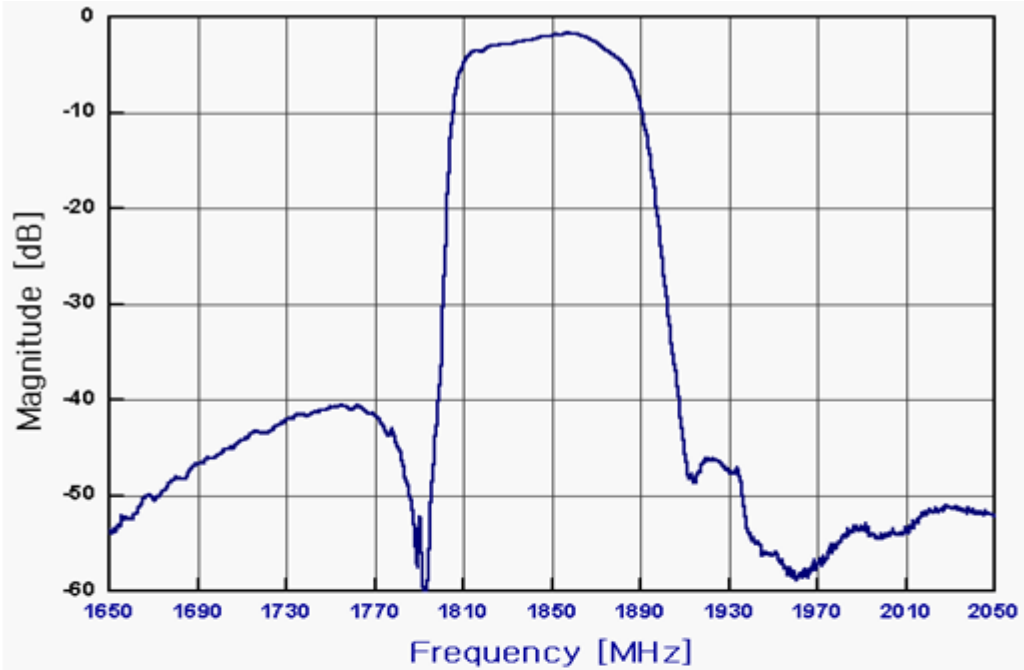


## Testing Environment

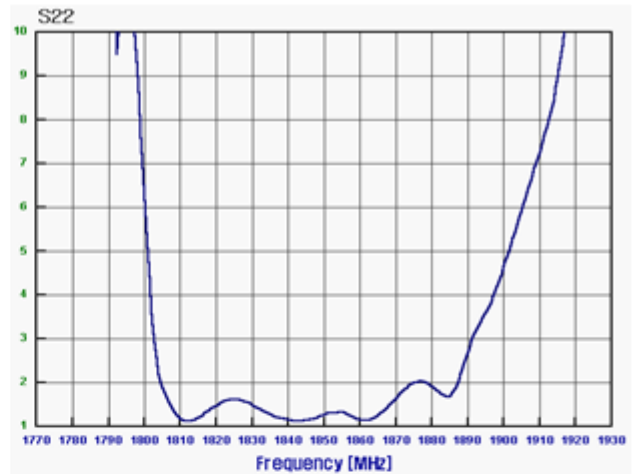
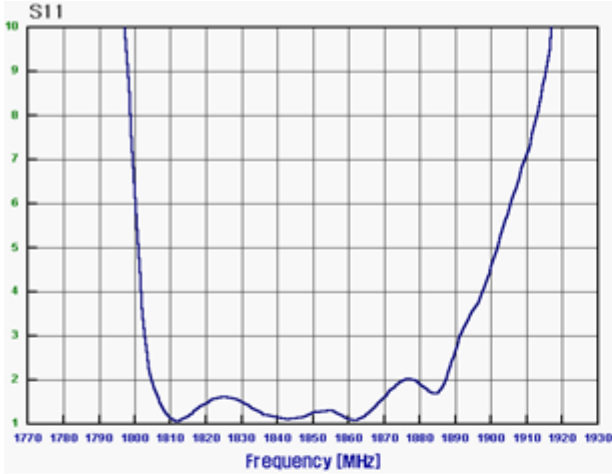


## Frequency Characteristics

Frequency Response



**VSWR**



**Smith Chart**

