



Total Solution Provider in Saw Device

FSRS1855B2

K-PCS, RF-Rx SAW Filter

Revision 0: February 2009



- ☐ Electrical Characteristics
 - ☐ Package Dimensions
 - ☐ Testing Environment
 - ☐ Frequency Characteristics
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□ Electrical Characteristics

Maximum Ratings

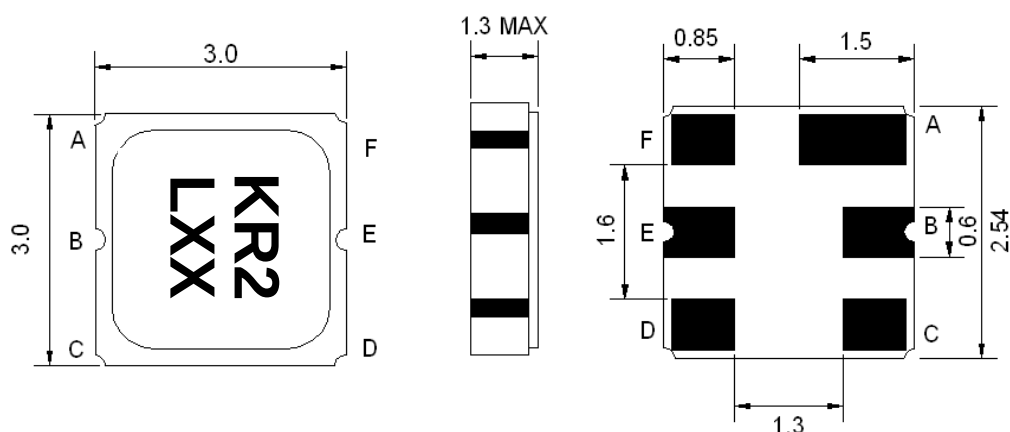
Parameters Description	Unit	Minimum	Typical	Maximum
Operating Temperature Range	°C	- 30	-	+ 85
Storage Temperature Range	°C	- 40	-	+ 90
Maximum DC Voltage	V	-	-	10
Maximum Input Power	dBm	-	-	10
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	B2			
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	-	1855	-
Insertion Loss within 1840 ~ 1870 MHz	dB	-	2.4	3.0
Amplitude Ripple within 1840 ~ 1870 MHz	dB	-	0.6	1.0
Attenuation:				
1440 ~ 1470 MHz	dB	25	29	-
1590 ~ 1650 MHz	dB	25	30	-
1750 ~ 1780 MHz	dB	30	34	-
1930 ~ 1960 MHz	dB	30	38	-
2240 ~ 2270 MHz	dB	28	31	-
VSWR within 1840 ~ 1870 MHz	-	-	1.4	2.0

Notes : (1) No Matching Network .

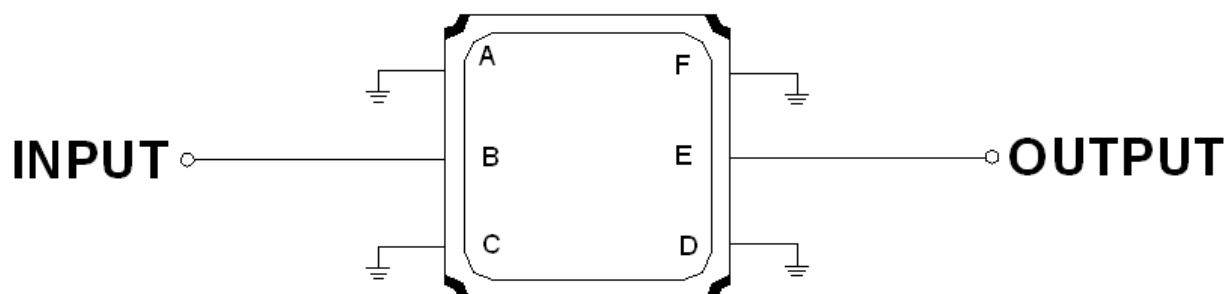
Package Dimensions



Marking Descriptions	
KR2	K-PCS Application
L	Manufacturer
X	Date Code(Year+Month)
X	Date Code(Date)

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

Testing Environment



Source & Load Impedance: 50 Ω