



Total Solution Provider in Saw Device

FSRS1765B2

K-PCS, RF-Tx SAW Filter

Revision 0: November 2008



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

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□ Electrical Characteristics

Maximum Ratings

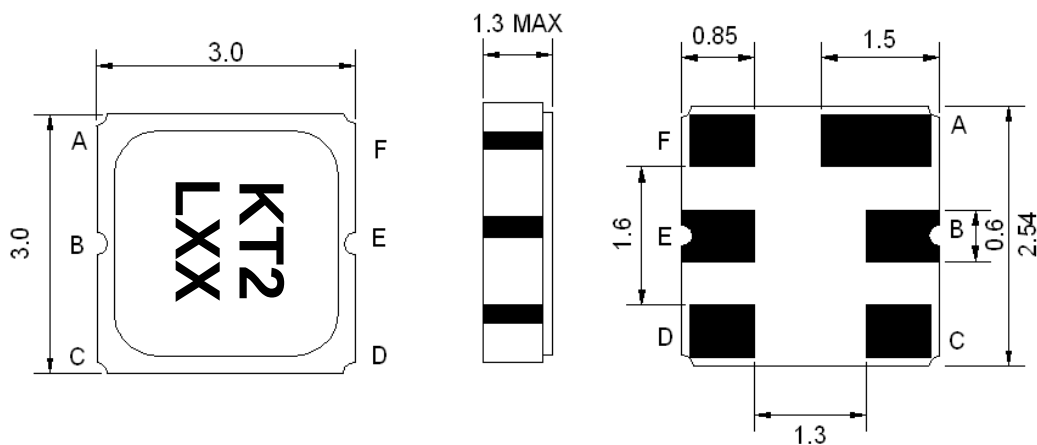
Parameters Description	Unit	Minimum	Typical	Maximum
Operating Temperature Range	°C	-30	-	+85
Storage Temperature Range	°C	-40	-	+90
Maximum DC Voltage	V	-	-	10
Maximum Input Power	dBm	-	-	10
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	B2			
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	-	1765	-
Insertion Loss within 1750 ~ 1780 MHz	dB	-	2.3	3.0
Amplitude Ripple within 1750 ~ 1780 MHz	dB _{p-p}	-	0.6	1.0
Attenuation :				
1350 ~ 1380 MHz	dB	30	34	-
1590 ~ 1650 MHz	dB	35	39	-
1660 ~ 1690 MHz	dB	30	35	-
1840 ~ 1870 MHz	dB	30	47	-
2150 ~ 2180 MHz	dB	30	46	-
VSWR within 1750 ~ 1780 MHz	-	-	1.6	2.0

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

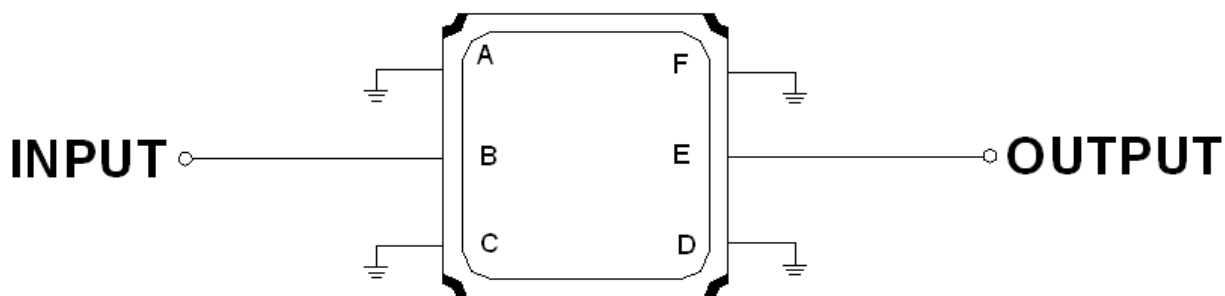
Package Dimensions



Marking Descriptions	
KT2	K-PCS Application
L	Manufacturer
X	Date Code(Year+Month)
X	Date Code(Date)

Terminal Description	
A, C, D, F	Ground
B	In or Out
E	Out or In

Testing Environment



Source & Load Impedance: 50 Ω