

RKS1500DKK

Silicon Epitaxial Planar Diode for UHF/VHF tuner Band Switch

REJ03G0400-0100 Rev.1.00 Oct 14, 2004

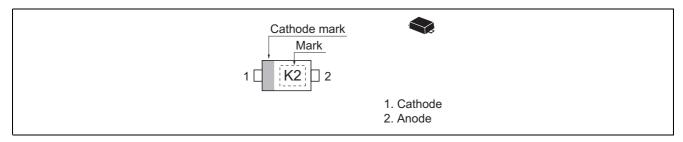
Features

- Low forward resistance. (rf = $0.7 \Omega \text{ max}$)
- Super small Flat Package (SFP) is suitable for surface mount design.

Ordering Information

Type No.	Laser Mark	Package Code
RKS1500DKK	K2	SFP

Pin Arrangement



Absolute Maximum Ratings

 $(Ta = 25^{\circ}C)$

Item	Symbol	Value	Unit
Reverse voltage	V_R	35	V
Power dissipation	Pd	150	mW
Junction temperature	Tj	125	°C
Storage temperature	Tstg	−55 to +125	°C

Electrical Characteristics

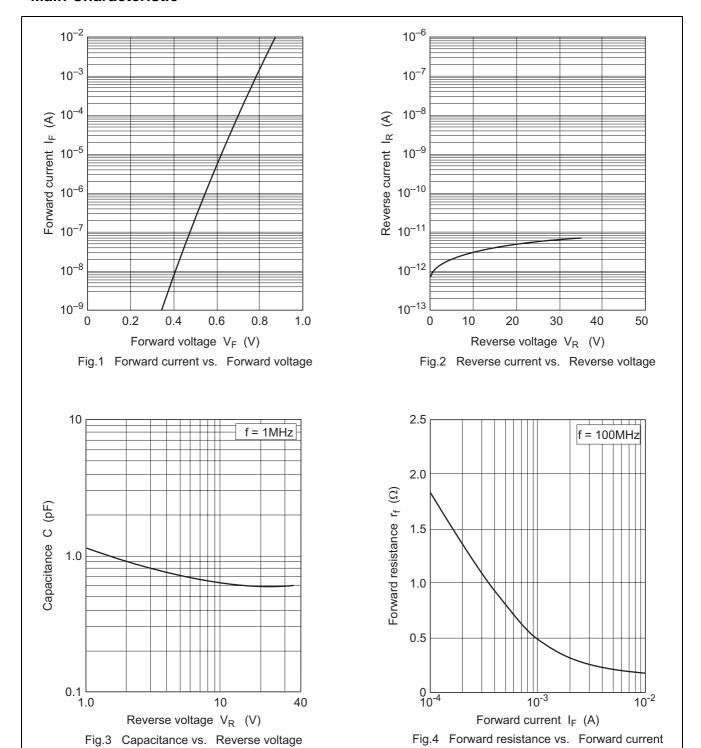
 $(Ta = 25^{\circ}C)$

Item	Symbol	Min	Тур	Max	Unit	Test Condition
Reverse current	I _R	_		50	nA	V _R = 25 V
Forward voltage	V_{F}	_	_	1.0	V	I _F = 10 mA
Capacitance	С	_	_	1.2	pF	$V_R = 6 V, f = 1 MHz$
Forward resistance	r _f	_	_	0.7	Ω	I _F = 2 mA, f = 100 MHz

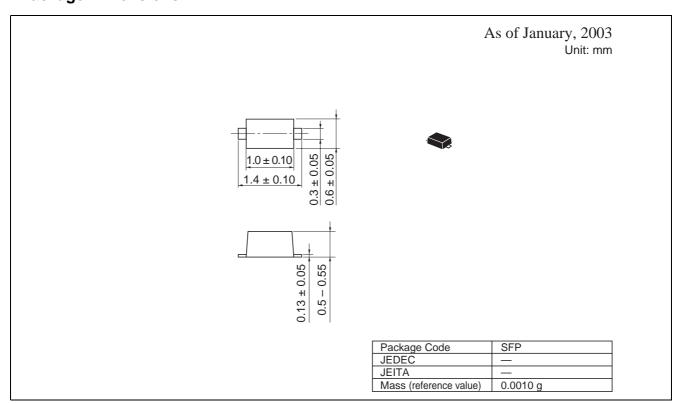
Notes: 1. Please do not use the soldering iron due to avoid high stress to the SFP package.

^{2.} The material of lead is exposed for cutting plane. There for, soldering nature of lead tip part is considered as unquestioned. Please kindly consider soldering nature.

Main Characteristic



Package Dimensions



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