

RKS151KJ

Silicon Epitaxial Planar Diode for UHF/VHF tuner Band Switch

REJ03G1296-0100 Rev.1.00 Nov 07, 2005

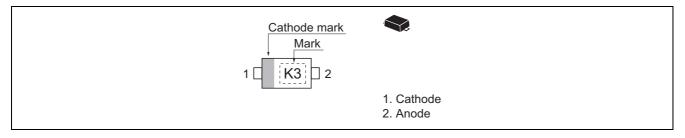
Features

- Low capacitance. (C = 0.8 pF max)
- Low forward resistance. (rf = $0.7 \Omega \text{ max}$)
- Ultra small Flat Lead Package (UFP) is suitable for surface mount design.

Ordering Information

Type No.	Laser Mark	Package Name	Package Code (Previous Code)
RKS151KJ	КЗ	UFP	PWFS0002ZA-A (UFP)

Pin Arrangement





Absolute Maximum Ratings

			$(Ta = 25^{\circ}C)$
ltem	Symbol	Value	Unit
Reverse voltage	V _R	35	V
Power dissipation	Pd	150	mW
Junction temperature	Тј	125	°C
Storage temperature	Tstg	-55 to +125	°C

Electrical Characteristics

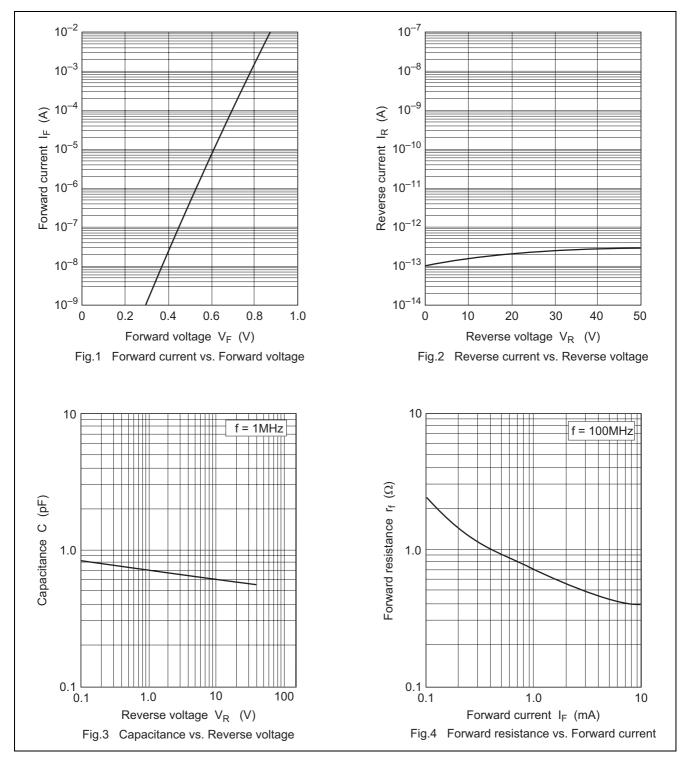
 $(Ta = 25^{\circ}C)$

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	—	—	0.8	pF	V _R = 6 V, f = 1 MHz
Forward resistance	r _f	_		0.7	Ω	I _F = 2 mA, f = 100 MHz

Note: 1. For UFP package, 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.

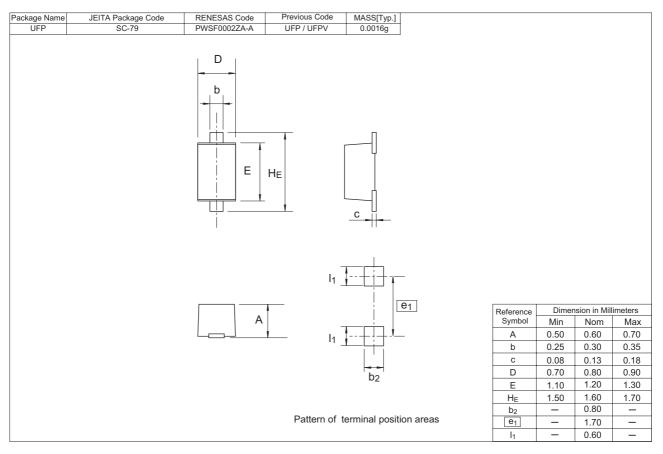


Main Characteristic





Package Dimensions





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