

RKP300KK

Silicon Epitaxial Planar Pin Diode for Wireless LAN

REJ03G1616-0100 Rev.1.00 Jan 28, 2008

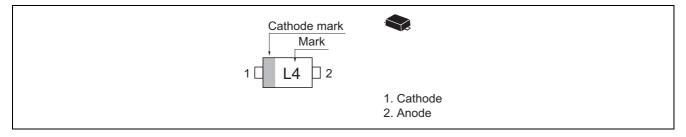
Features

- Suitable for an antenna switches of wireless LAN and a cordless telephone.
- Super -Low capacitance. (C = 0.25 pF max)
- Low forward resistance. (rf = $3.7 \Omega \text{ max}$)
- Super small Flat Lead Package (SFP) is suitable for surface mount design.

Ordering Information

Part No.	Laser Mark	Package Name	Package Code
RKP300KK	L4	SFP	PUSF0002ZB-A

Pin Arrangement



Absolute Maximum Ratings

			$(Ta = 25^{\circ}C)$	
Item	Symbol	Value	Unit	
Reverse voltage	V _R	30	V	
Forward current	IF	50	mA	
Power dissipation	Pd	100	mW	
Junction temperature	Тј	125	°C	
Storage temperature	Tstg	-55 to +125	۵°	

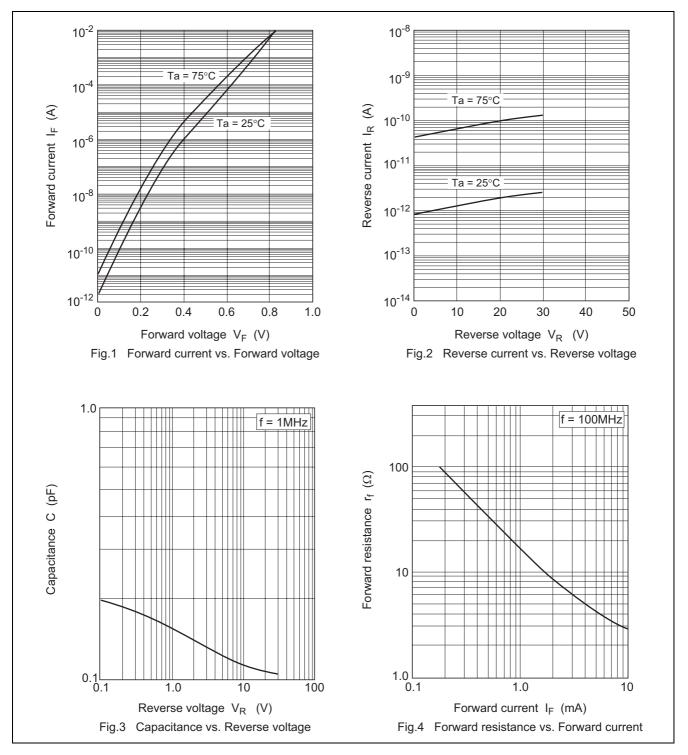
Electrical Characteristics

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

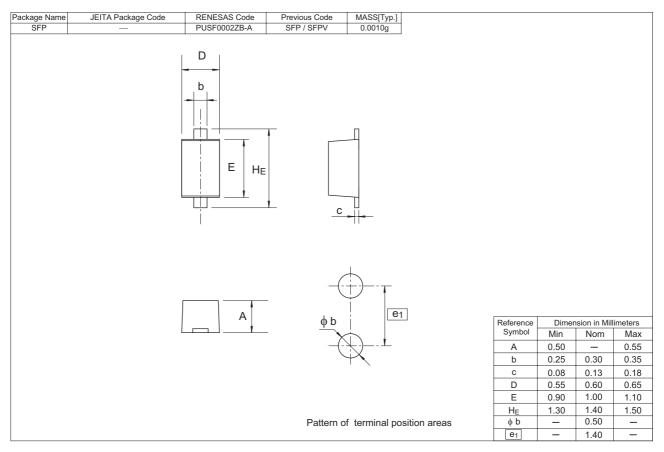
Item	Symbol	Min	Тур	Max	Unit	Test Condition
Reverse current	I _R	—	_	100	nA	V _R = 30 V
Forward voltage	V _F	—	_	1.0	V	I _F = 10 mA
Capacitance	С	—	_	0.25	pF	$V_R = 1 V$, f = 1 MHz
Forward resistance	r _f	—	_	3.7	Ω	I _F = 10 mA, f = 100 MHz

Note: For SFP 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 Characteristics



Package Dimensions



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