

RKP300KL

Silicon Epitaxial Planar Pin Diode for Wireless LAN

REJ03G1372-0100 Rev.1.00 Apr 18, 2006

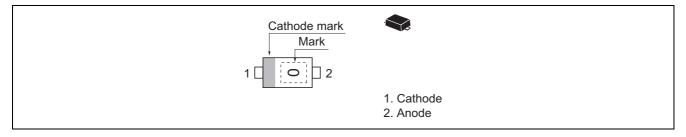
Features

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

Ordering Information

Type No.	Laser Mark	Package Name	Package Code	
RKP300KL	0	EFP	PXSF0002ZA-A	

Pin Arrangement





Absolute Maximum Ratings

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

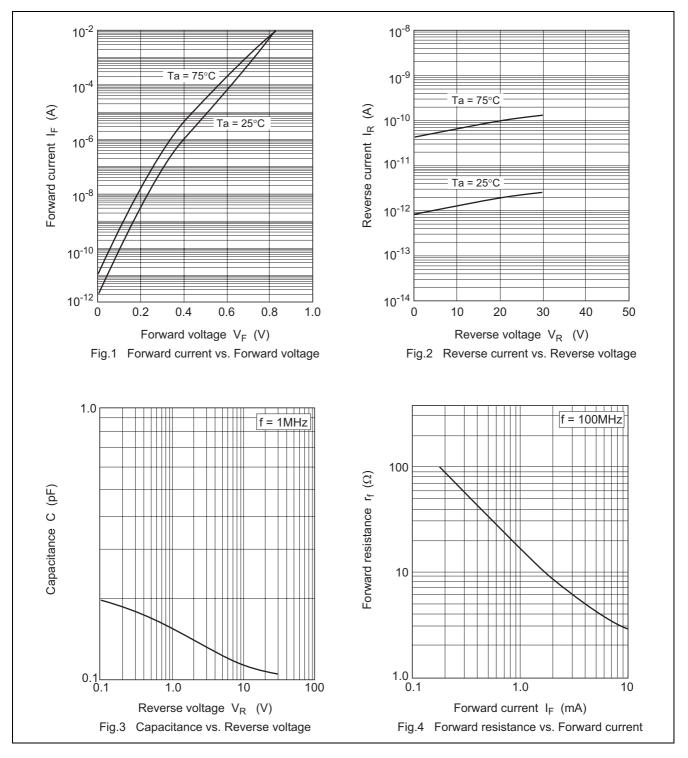
 $(Ta = 25^{\circ}C)$

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

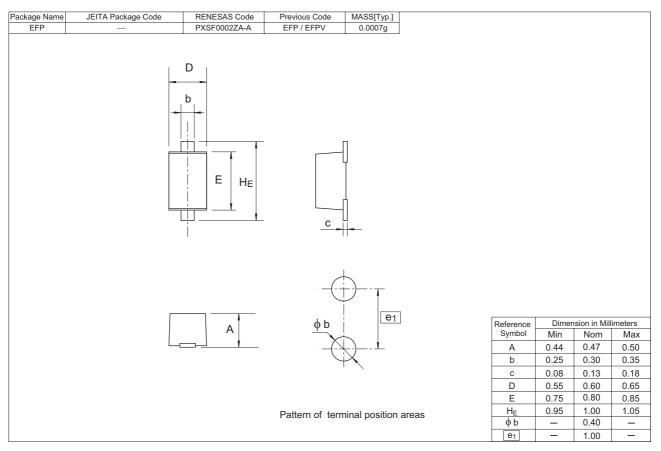
Note: For EFP package, the material of lead is exposed for cutting plane. There for, soldering nature of lead tip part is considered as unquestioned. Please kindly consider soldering nature.



Main Characteristic



Package Dimensions





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