

RKR0103BYPKQ

Silicon Schottky Barrier Diode for Rectifying

R07DS0564EJ0100 Rev.1.00 Jan 12, 2012

Datasheet

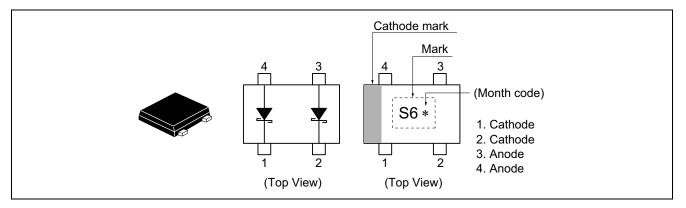
Features

- Low reverse voltage drop and suitable for high efficiency rectifying.
- VSON-4 Package is suitable for high density surface mounting.

Ordering Information

Part No	Laser Mark	Package Name	Package Code	Taping Abbreviation (Quantity)	
RKR0103BYPKQ # P1	S6	VSON-4	PUSN0004KA-A	P1 (3,000pcs / reel)	

Pin Arrangement



Month Code

Month of Manufacture	Assemble		
Month of Manufacture	MALAYSIA		
January	1		
February	2		
March	3		
April	4		
Мау	5		
June	6		

Month of Manufacture	Assemble		
	MALAYSIA		
July	7		
August	8		
September	9		
October	W		
November	Х		
December	Y		



Absolute Maximum Ratings

		(Ta = 25°C)
Symbol	Value	Unit
V _{RM}	30	V
V _R	30	V
lo * ¹	100	mA
I _{FSM} * ²	1	А
Tj	150	°C
Tstg	-55 to +150	°C
	V_{RM} V_{R} I_{0}^{*1} I_{FSM}^{*2} T_{j}	$\begin{array}{c c c c c c c c c c c c c c c c c c c $

Notes: 1. Per one device. See Fig.4 – Fig.6.

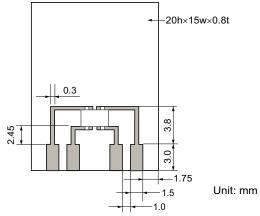
2. t = 10 ms sin wave 1 pulse.

Electrical Characteristics

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

Item	Symbol	Min	Тур	Max	Unit	Test Condition
Forward voltage	V _{F1}	—	-	0.35	V	I _F = 1 mA
	V _{F2}	—		0.40		I _F = 10 mA
	V _{F3}	—		0.50		I _F = 100 mA
Reverse current	I _{R1}	—		0.5	μA	V _R = 10 V
	I _{R2}	—		10		V _R = 30 V
Thermal resistance	Rth(j-a)	—	700	_	°C/W	Glass epoxy board *1

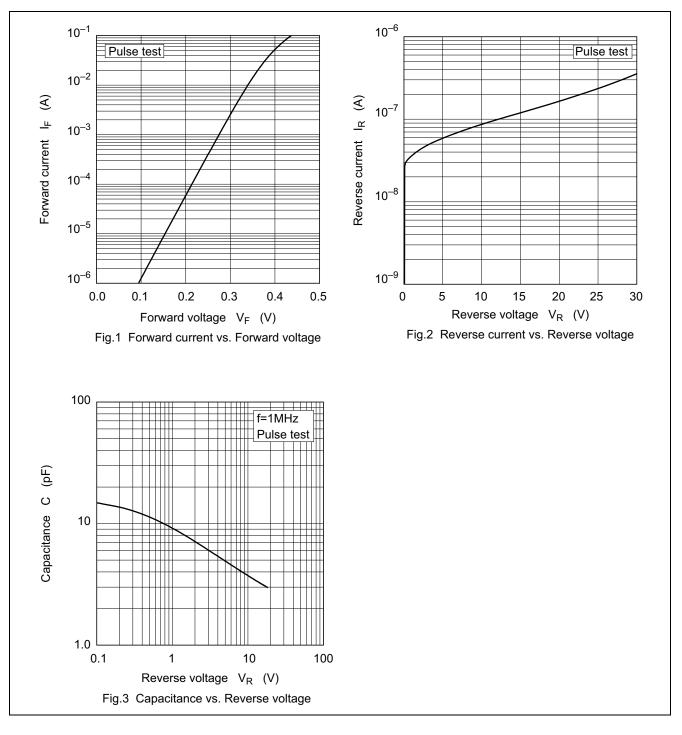
Note: 1. Glass epoxy board



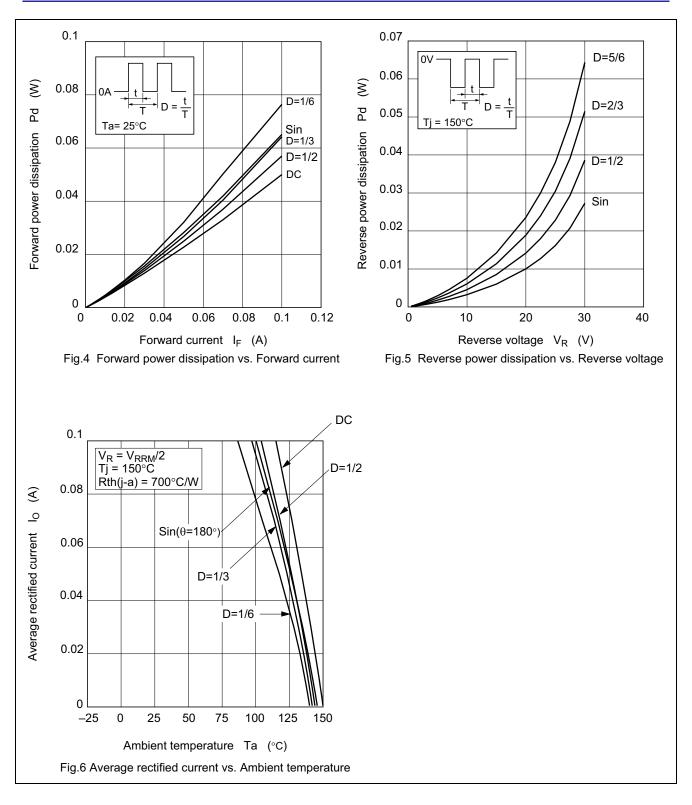
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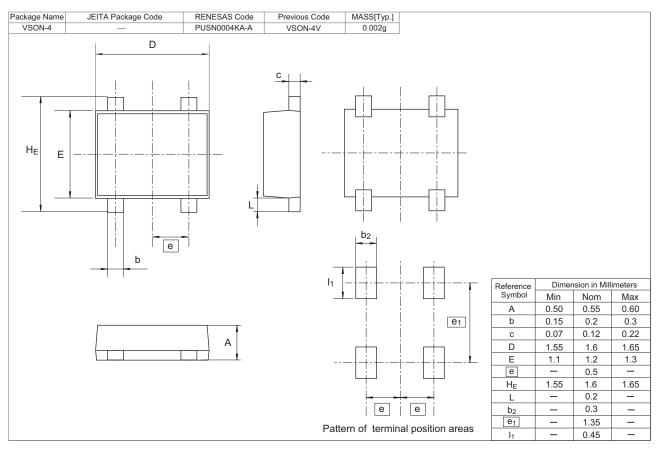
Main Characteristics







Package Dimensions





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