

RKD702KP

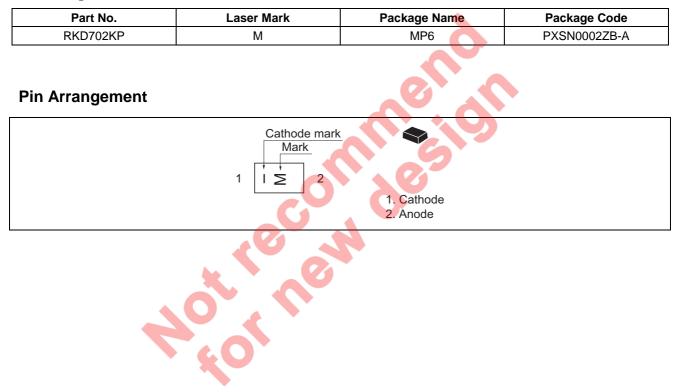
Silicon Schottky Barrier Diode for High Speed Switching

REJ03G1541-0200 Rev.2.00 Jul 19, 2007

Features

- Low Power consumption (Low reverse leak current) and high speed (Low capacitance).
- Halogen free, Environmental friendly Package include Conformity to RoHS Directive.
- Ultra small Package (0.6mm×0.3mm Size leadless type)

Ordering Information



Absolute Maximum Ratings

		(Ta = 25°C)	
Symbol	Value	Unit	
V _{RRM}	30	V	
I _{FSM} *	200	mA	
l _F	50	mA	
Тј	125	°C	
Tstg	-55 to +125	°C	
	V _{RRM} I _{FSM} * IF Tj	V _{RRM} 30 I _{FSM} * 200 I _F 50 Tj 125	

Note: 10 ms Sine Wave 1 pulse

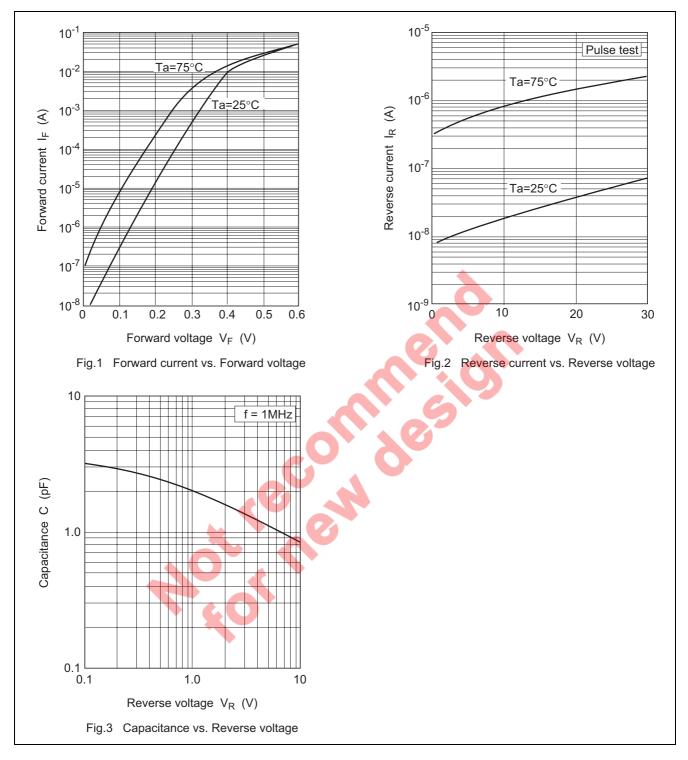
Electrical Characteristics

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

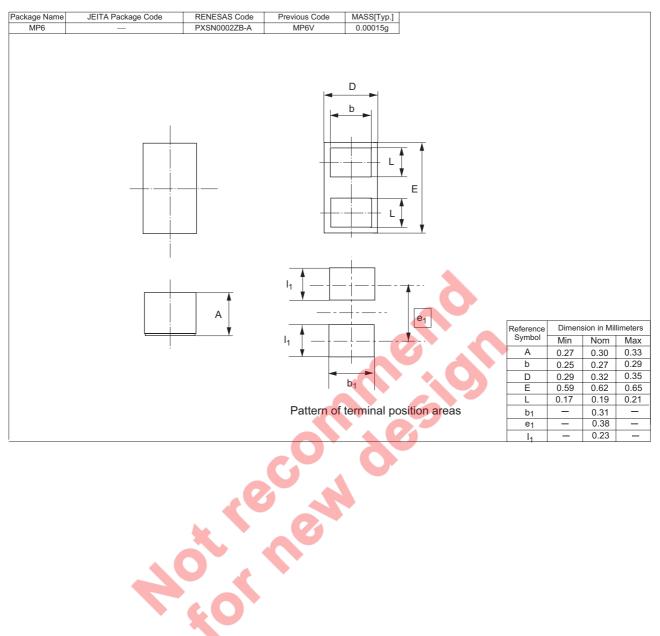
	Symbol	Min	Тур	Max	Unit	Test Condition
Forward voltage	V _{F1}	_	_	0.35	V	I _F = 1 mA
	V_{F2}		_	0.40	V	I _F = 5 mA
Reverse current	I _{R1}		_	100	nA	V _R = 20 V
	I _{R2}		_	250	nA	V _R = 30 V
Capacitance	С	_		2.50	рF	$V_R = 1 V$, f = 1 MHz
		< C	co		39	

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Main Characteristic



Package Dimensions



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April 1st, 2010 Renesas Electronics Corporation

Issued by: Renesas Electronics Corporation (http://www.renesas.com)

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