

RENESAS

HRW0203B

Silicon Schottky Barrier Diode for Rectifying

REJ03G0155-0100Z (Previous: ADE-208-1475) Rev.1.00 Jan.06.2004

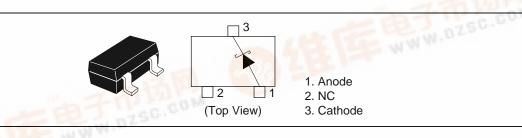
Features

- Low forward voltage drop and suitable for high efficiency rectifying.
- MPAK package is suitable for high density surface mounting and high speed assembly. • WW.DZSC.

Ordering Information

Туре No.	Laser Mark	Package Code	
HRW0203B	S21	MPAK	

Pin Arrangement







Absolute Maximum Ratings

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

Item	Symbol	Value	Unit	
Repetitive peak reverse voltage	V _{RRM} * ¹	30	V	
Average rectified current	l _o * ¹	200	mA	
Non-Repetitive peak forward surge current	FSM *2	3	A	
Junction temperature	Tj	125	°C	
Storage temperature	Tstg	-55 to +125	°C	

Notes: 1. See from Fig.1 to Fig.5, with polyimide board

2. 50 Hz sine wave 1 pulse

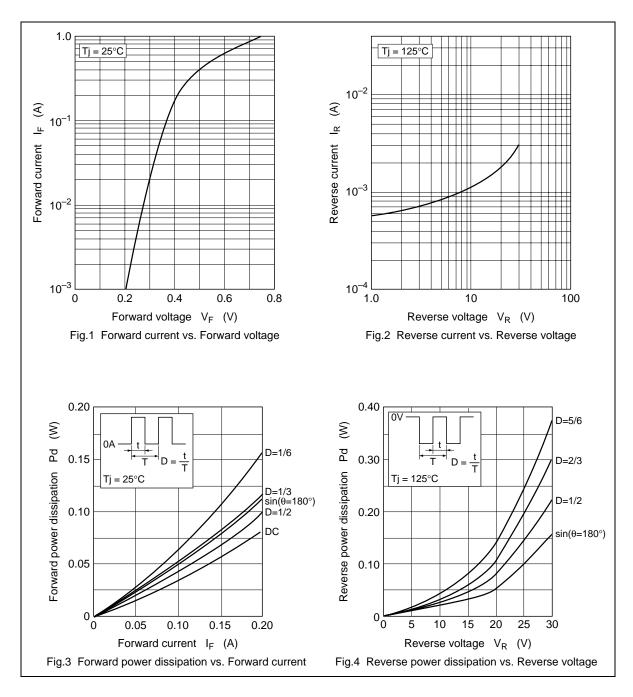
Electrical Characteristics

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

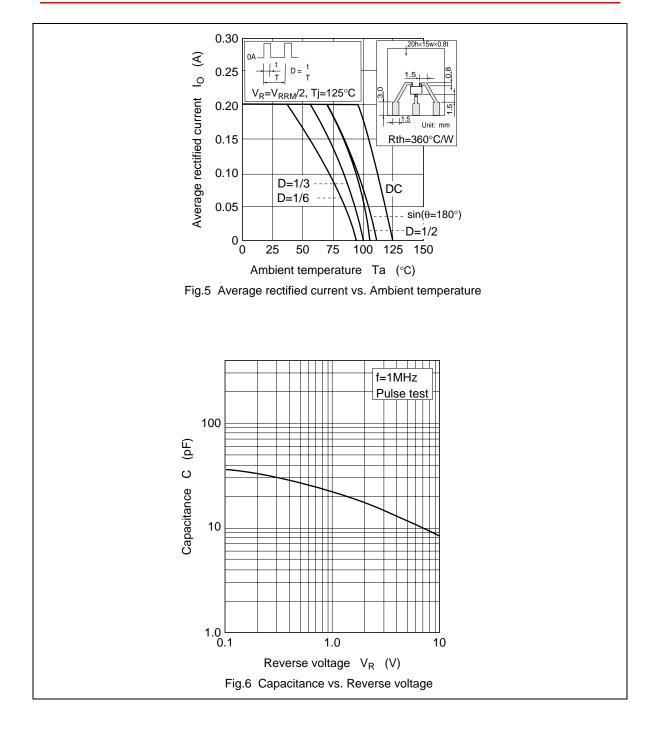
Item	Symbol	Min	Тур	Max	Unit	Test Condition
Forward voltage	V _F	_	_	0.5	V	I _F = 200 mA
Reverse current	I _R	_		50	μA	V _R = 30 V
Capacitance	С	_	40	_	pF	$V_R = 0 V$, f = 1 MHz



Main Characteristic

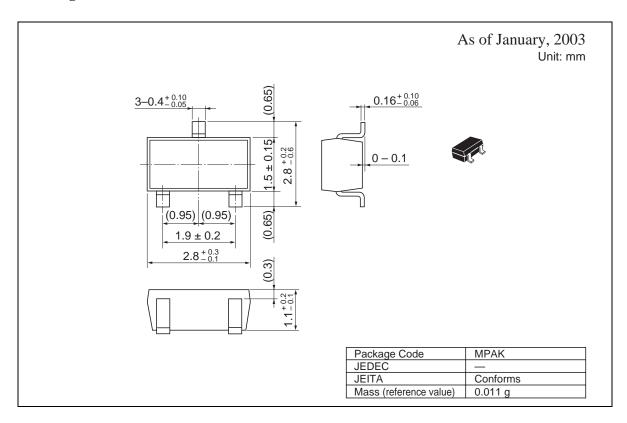








Package Dimensions





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Keep safety first in your circuit designs!

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