Silicon Schottky Barrier Diode for Rectifying

HITACHI

ADE-208-014C (Z) Rev 3 Oct. 1997

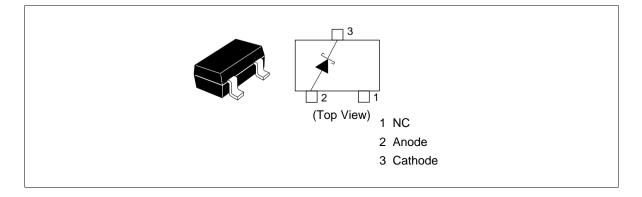
Features

- Low forward voltage drop and suitable for high effifiency rectifying.
- MPAK package is suitable for high density surface mounting and high speed assembly.

Ordering Information

Туре No.	Laser Mark	Package Code
HRW0203A	S5	МРАК

Outline





Absolute Maximum Ratings (Ta = 25° C)

Item	Symbol	Value	Unit
Repetitive peak reverse voltage	V _{RRM} ^{*1}	30	V
Average rectified current	₀ *1	200	mA
Non-Repetitive peak forward surge current	I _{FSM} *2	2	A
Junction temperature	Tj	125	°C
Storage temperature	Tstg	-55Å`+125	٥C

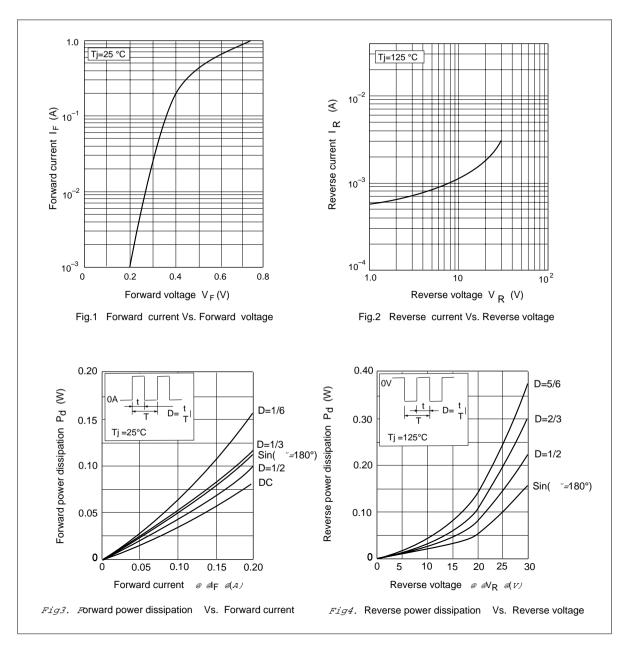
Note 1. See from Fig.1 to Fig.5, with polyimide board

Note 2. 50Hz sine wave 1 pulse

Electrical Characteristics (Ta = 25° C)

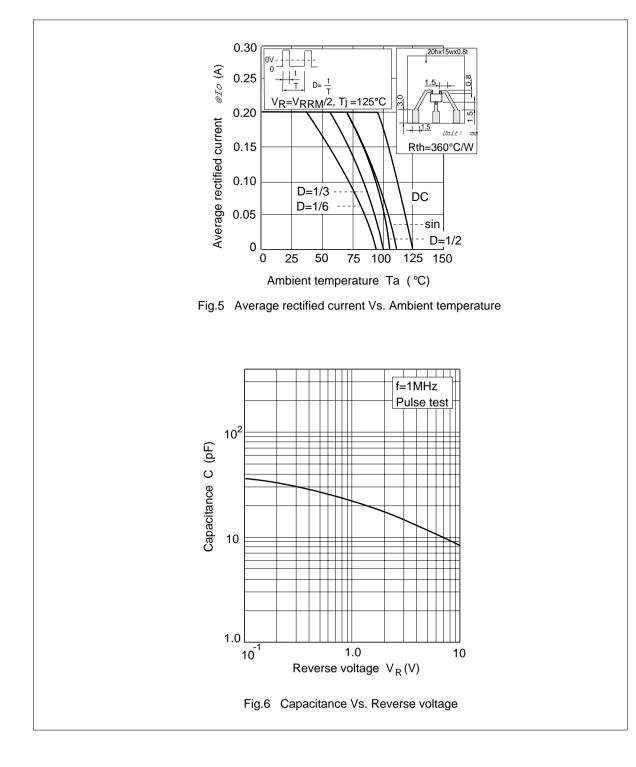
ltem	Symbol	Min	Тур	Мах	Unit	Test Condition
Forward voltage	V _F	_	_	0.50	V	I _F = 200 mA
Reverse current	I _R		—	50	μΑ	V _R = 30V
Capacitance	С		40	—	pF	$V_R = 0V$, f = 1MHz

Main Characteristic



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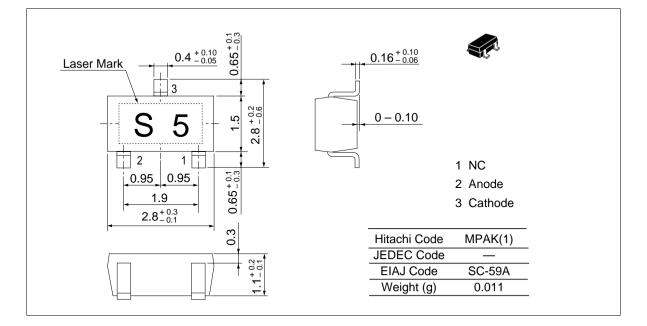
Main Characteristic



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Package Dimensions

Unit : mm



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