
HRW26

Silicon Schottky Barrier Diode for High Frequency Rectifying

HITACHI

ADE-208-155B (Z)

Rev. 2

Nov. 1994

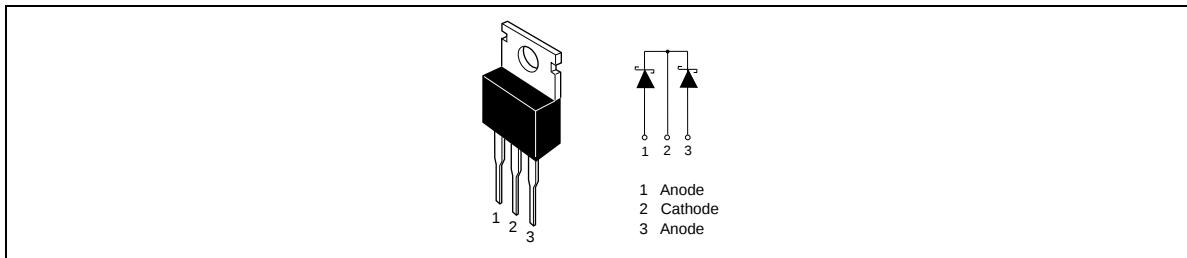
Features

- Low forward voltage drop. ($V_F = 0.55V$ max)
- High reverse voltage. ($V_R = 40V$ max)

Ordering Information

Type No.	Laser Mark	Package Code
HRW26	HRW26	TO-220AB

Outline



HRW26

Absolute Maximum Ratings ($T_a = 25^\circ\text{C}$)*¹

Item	Symbol	Value	Unit
Repetitive peak reverse voltage	V_{RRM}	40	V
Average forward current	I_O^{*2}	10	A
Non-Repetitive peak forward surge current	I_{FSM}^{*3}	70	A
Junction temperature	T_j	125	$^\circ\text{C}$
Storage temperature	T_{stg}	-40 to +125	$^\circ\text{C}$

Notes: 1. Per one device

2. Square wave, Duty (1/2), $T_c = 95^\circ\text{C}$, Sum of two devices

3. Half sine wave 10msec

Electrical Characteristics ($T_a = 25^\circ\text{C}$)*

Item	Symbol	Min	Typ	Max	Unit	Test Condition
Forward voltage	V_F	—	—	0.55	V	$I_F = 4.0\text{A}$
Reverse current	I_R	—	—	1.0	mA	$V_R = 40\text{V}$

Note: Per one device

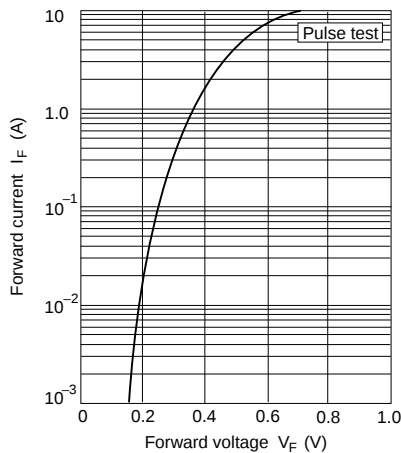


Fig.1 Forward current Vs. Forward voltage

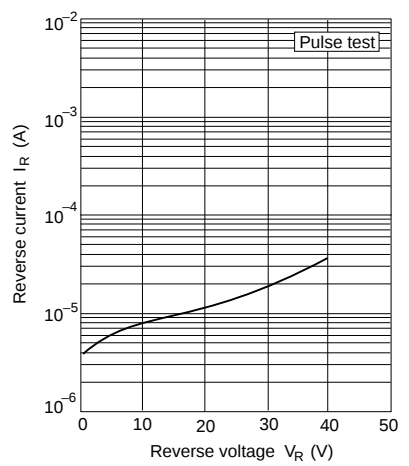


Fig.2 Reverse current Vs. Reverse voltage

Package Dimensions

