

HSB226WK

Silicon Schottky Barrier Diode for High Speed Switching

REJ03G0592-0200 Rev.2.00 Sep 15, 2006

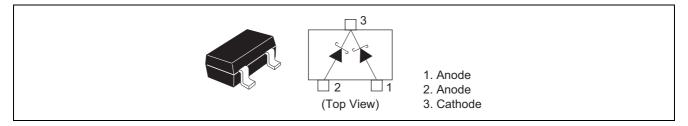
Features

- Low reverse current, Low capacitance.
- CMPAK package is suitable for high density surface mounting and high speed assembly.

Ordering Information

Type No.	Laser Mark	Package Name	Package Code
HSB226WK	E6	CMPAK	PTSP0003ZB-A

Pin Arrangement





Absolute Maximum Ratings

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

Item	Symbol	Value	Unit
Repetitive peak reverse voltage	V _{RRM}	25	V
Non-Repetitive peak forward surge current	I _{FSM} * ¹ * ²	200	mA
Forward current	I _F * ²	50	mA
Junction temperature	Tj	125	°C
Storage temperature	Tstg	-55 to +125	°C

Notes: 1. 10 ms sine wave 1 pulse

2. Two device total

Electrical Characteristics *

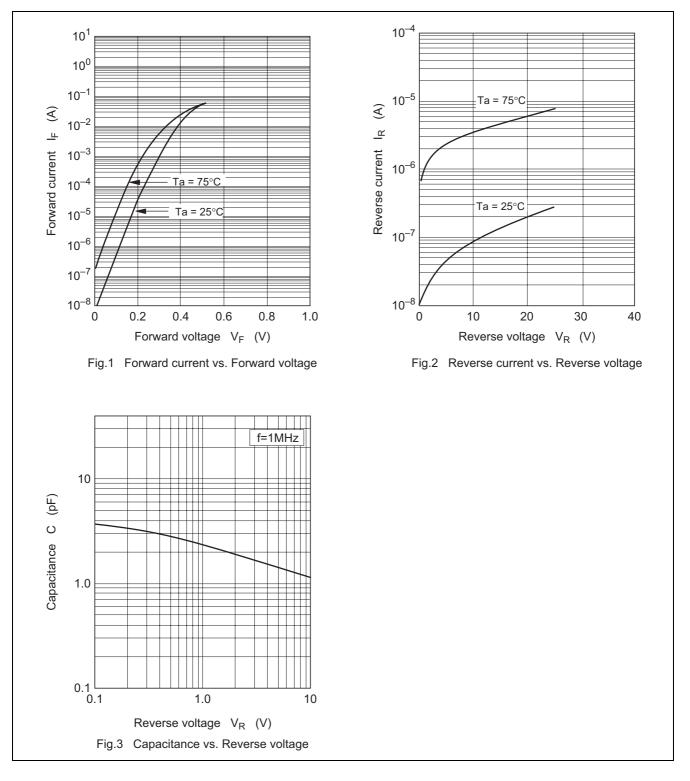
 $(Ta = 25^{\circ}C)$

Item	Symbol	Min	Тур	Max	Unit	Test Condition
Forward voltage	V_{F1}	—		0.33	V	I _F = 1 mA
	V_{F2}	_		0.38		$I_F = 5 \text{ mA}$
Reverse current	I _R	_		450	nA	V _R = 20 V
Capacitance	С			2.80	pF	$V_R = 1 V, f = 1 MHz$

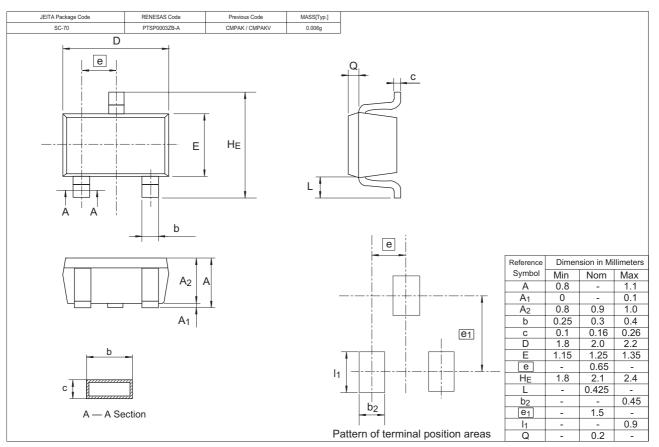
Note: Per one device.



Main Characteristic



Package Dimensions





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