HSB226WK

Silicon Schottky Barrier Diode

HITACHI

ADE-208-827 (Z) Rev 0 Nov. 1999

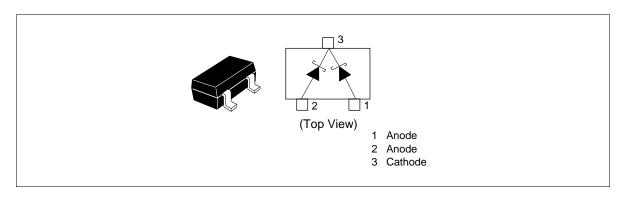
Features

- 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 Code
HSB226WK	E6	CMPAK

Outline





HSB226WK

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	Тј	125	°C
Storage temperature	Tstg	-55 to +125	°C

Notes: 1. 10msec sine wave 1 pulse

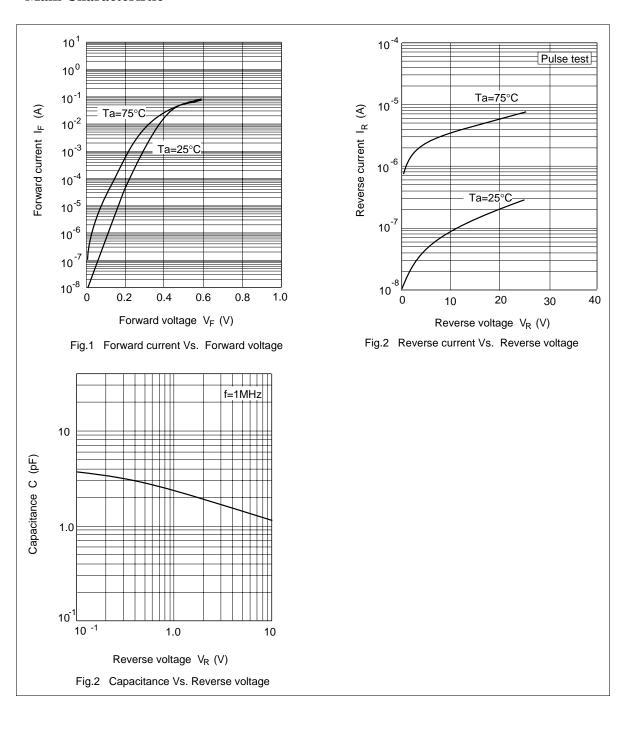
Notes: 2. Two device total

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	V	$I_F = 5 \text{ mA}$
Reverse current	I _R	_	_	0.45	μΑ	$V_R = 20V$
Capacitance	С	_	_	2.80	pF	V _R = 1V, f = 1 MHz

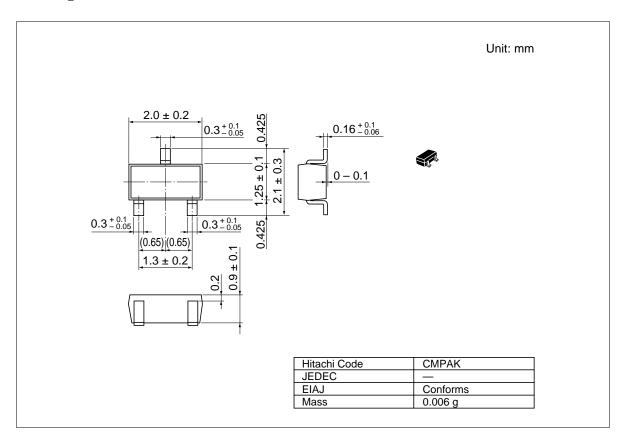
Note: 1. Per one device

Main Characteristic



HSB226WK

Package Dimensions



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