HSB226S

Silicon Schottky Barrier Diode

HITACHI

ADE-208-961(Z)

Rev. 0 Jul. 2000

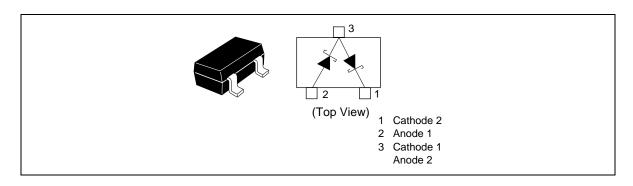
Features

- 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
HSB226S	E7	CMPAK

Outline





HSB226S

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	FSM *1 *2	200	mA
forward current	l _F * ²	50	mA
Junction temperature	Тј	125	°C
Storage temperature	Tstg	-55 to +125	°C

Notes: 1. 10msec sine wave 1 pulse

2. Two device total

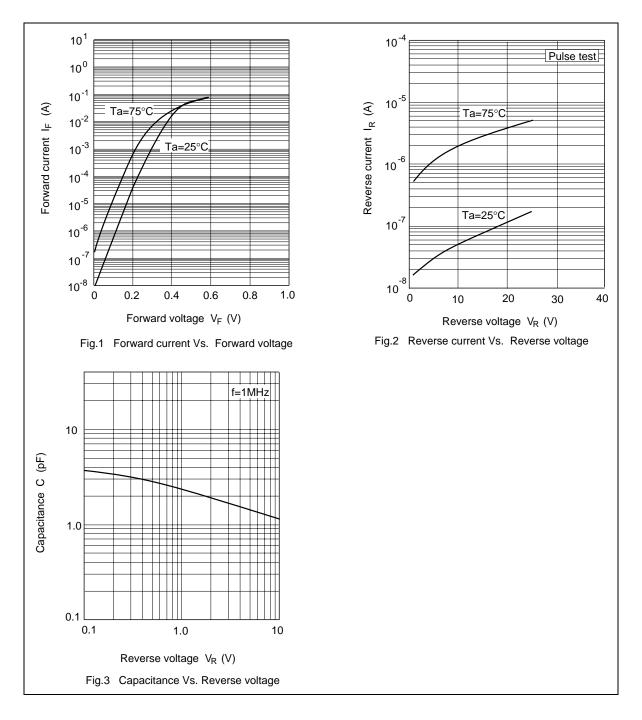
Electrical Characteristics

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

Item	Symbol	Min	Тур	Max	Unit	Test Condition
Forward voltage	V_{F1}	_	_	0.33	V	I _F = 1 mA
	V_{F2}	_	_	0.38	V	$I_F = 5 \text{ mA}$
Reverse current	I _R	_	_	0.45	μΑ	V _R = 20 V
Capacitance	С	_	_	2.80	pF	V _R = 1 V, f = 1 MHz

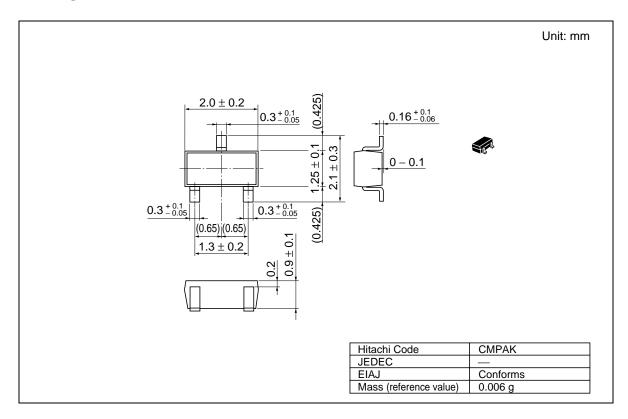
Note: Per one device

Main Characteristic



HSB226S

Package Dimensions



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Sales Offices

IITACHI

Hitachi. Ltd.

Semiconductor & Integrated Circuits Nippon Bldg., 2-6-2, Ŏhte-machi, Chiyoda-ku, Tokyo 100-0004, Japan Tel: (03) 3270-2111 Fax: (03) 3270-5109

Hitachi Europe Ltd.

URL

NorthAmerica http://semiconductor.hitachi.com/ Europe http://www.hitachi-eu.com/hel/ecg Asia http://sicapac.hitachi-asia.com http://www.hitachi.co.jp/Sicd/indx.htm Japan

For further information write to:

Hitachi Semiconductor (America) Inc. 179 East Tasman Drive San Jose,CA 95134 Tel: <1> (408) 433-1990 Fax: <1>(408) 433-0223

Electronic Components Group Whitebrook Park Lower Cookham Road Maidenhead Berkshire SL6 8YA, United Kingdom Tel: <44> (1628) 585000 Fax: <44> (1628) 585200

Hitachi Europe GmbH Electronic Components Group Dornacher Straße 3 D-85622 Feldkirchen, Munich Germany Tel: <49> (89) 9 9180-0 Fax: <49> (89) 9 29 30 00

Hitachi Asia Ltd. Hitachi Tower 16 Collyer Quay #20-00 Singapore 049318 Tel: <65>-538-6533/538-8577 Fax: <65>-538-6933/538-3877 URL: http://www.hitachi.com.sg Hitachi Asia Ltd.

(Taipei Branch Office) 4/F, No. 167, Tun Hwa North Road Hung-Kuo Building Taipei (105), Taiwan Tel: <886>-(2)-2718-3666

Fax: <886>-(2)-2718-8180 Telex: 23222 HAS-TP URL: http://www.hitachi.com.tw

Hitachi Asia (Hong Kong) Ltd. Group III (Electronic Components) 7/F., North Tower World Finance Centre, Harbour City, Canton Road Tsim Sha Tsui, Kowloon Hong Kong

Tel: <852>-(2)-735-9218 Fax: <852>-(2)-730-0281

URL: http://semiconductor.hitachi.com.hk

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