捷多邦,专业PCB打样工厂,24小时加急出货

HSB278S

Silicon Schottky Barrier Diode for High Speed Switching

Features Low forward voltage 	ge, Low capacitance.	Mar. 200
CMPAK package is	s suitable for high density surface mo	unting and high speed assembly.
Ordering Informa	ition	
Type No.	Laser Mark	Package Code
HSB278S	S2	СМРАК
维库	(Top Vi	2 Anode 1 3 Cathode 1 Anode 2
		DEEE www.ozso.c

Absolute Maximum Ratings (Ta = 25°C)

Item	Symbol	Value	Unit	
Repetitive peak reverse voltage	V _{RRM}	30	V	
Reverse voltage	V _R	30	V	
Non-Repetitive peak forward surge current	I _{FSM} *1 *2	200	mA	
Peak forward current	I _{FM} *2	150	mA	
Average rectified current	l ₀ * ²	30	mA	
Junction temperature	Tj	125	°C	-
Storage temperature	Tstg	-55 to +125	°C	

Notes: 1. 10 msec sine wave 1 pulse

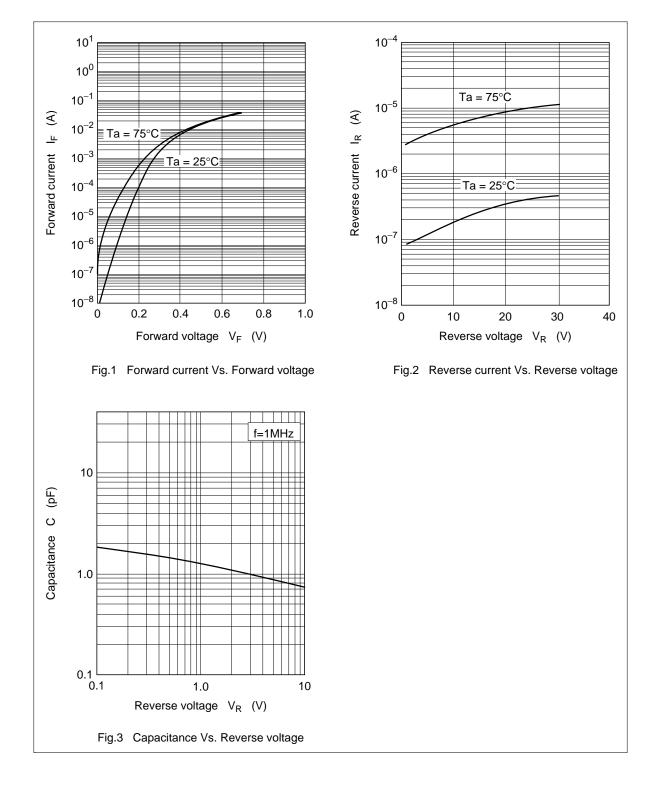
2. Per one device.

Electrical Characteristics (Ta = 25°C) *¹

Item	Symbol	Min	Тур	Max	Unit	Test Condition
Forward voltage	V_{F1}	_	—	0.30	V	I _F = 1 mA
	V _{F2}	_	_	0.95		I _F = 30 mA
Reverse current	I _R			700	nA	V _R = 10 V
Capacitance	С			1.50	pF	V _R = 1 V, f = 1 MHz
ESD-Capability *1		100			V	$C = 200 \text{ pF}, R_{L} = 0 \Omega$, Both forward and reverse direction 1 pulse.

Notes: 1. Per one device.

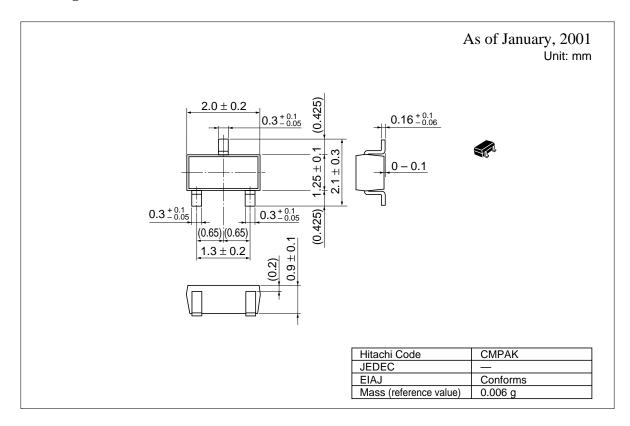
2. Failure criterion ; $I_{_{R}} > 1.4~\mu\text{A}$ at $V_{_{R}}$ = 10 V



Main Characteristic

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Package Dimensions



Cautions

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