HSU227

Silicon Schottky Barrier Diode for High Speed Switching

HITACHI

ADE-208-779(Z) Rev 0 Mar. 1999

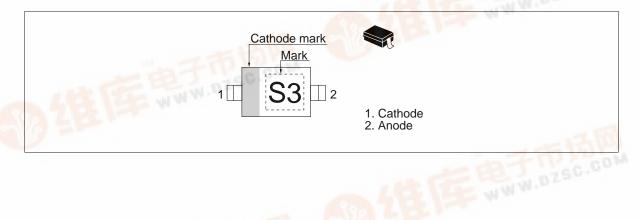
Features

- Low capacitance. (C=3.0pF max)
- Ultra small Resin Package (URP) is suitablefor high density surface mounting and high speed assembly.

Ordering Information

Type No.	Laser Mark	Package Code
HSU227	S3	URP

Outline





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

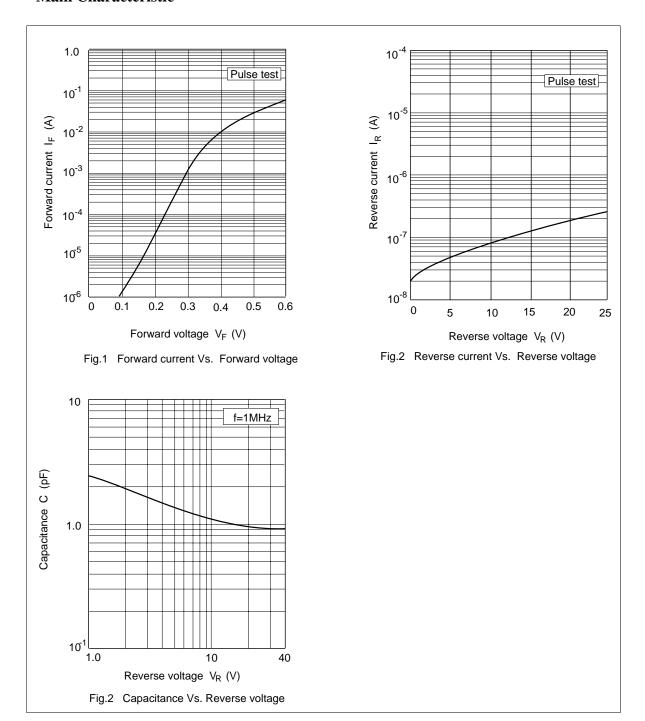
Item	Symbol	Value	Unit
Repetitive peak reverse voltage	V_{RRM}	25	V
Average rectified current	I _o	50	mA
Non-Repetitive peak forward surge current	I _{FSM} *2	200	mA
Junction temperature	Tj	125	°C
Storage temperature	Tstg	-55 to +125	°C

Note: 1. 10msec sine wave 1 pulse

Electrical Characteristics (Ta = 25° C)

Item	Symbol	Min	Тур	Max	Unit	Test Condition
Forward voltage	V_{F}	_	0.29	0.35	V	I _F = 1mA
Reverse current	I _R	_	0.3	2.0	μΑ	$V_R = 20V$
Capacitance	С	_	2.45	3.0	pF	V _R = 1V, 1=1MHz

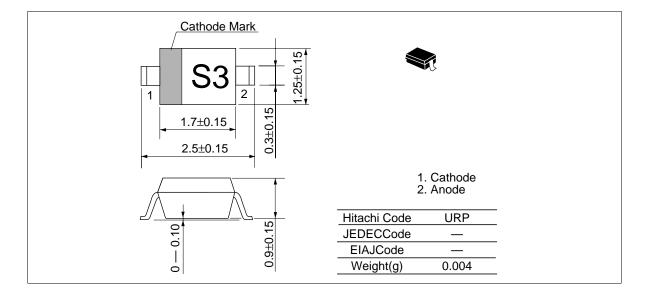
Main Characteristic



HSU227

Package Dimensions

Unit: mm



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