Silicon Epitaxial Planar Zener Diode for Surge Absorb

HITACHI

ADE-208-776(Z) Rev 0 Feb. 1999

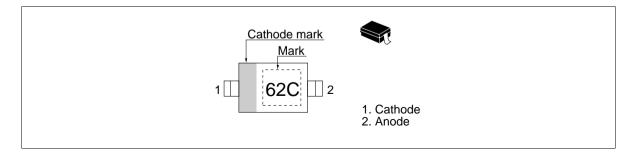
Features

- Lower reverse current leakage compared with conventional products.
- Ultra small Resin Package (URP) is suitable for surface mount design.

Ordering Information

Туре No.	Laser Mark	Package Code
HZU6.2L	62C	URP

Outline





Absolute Maximum Ratings (Ta = 25° C)

Item	Symbol	Value	Unit
Power dissipation	Pd ^{*1}	150	mW
Junction temperature	Tj	150	°C
Storage temperature	Tstg	-55 to +150	°C

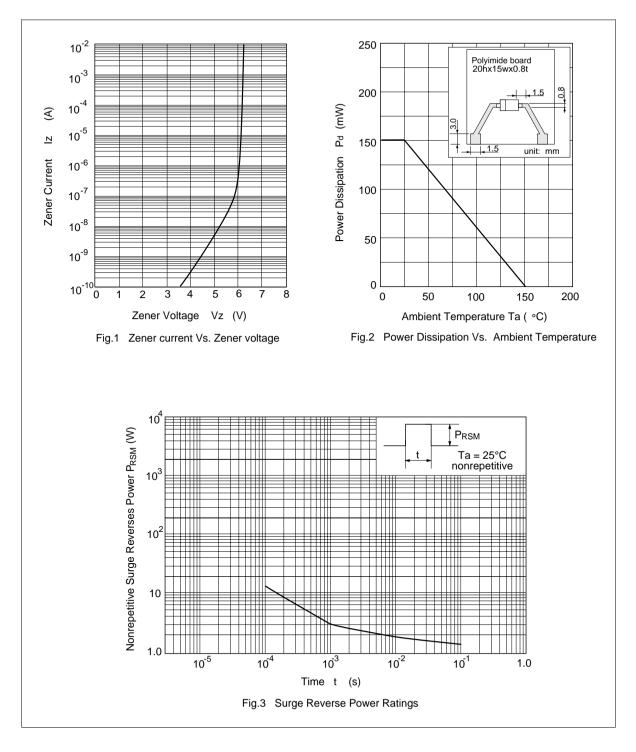
Note 1. See Fig.2.

Electrical Characteristics (Ta = 25^{\circ}C)

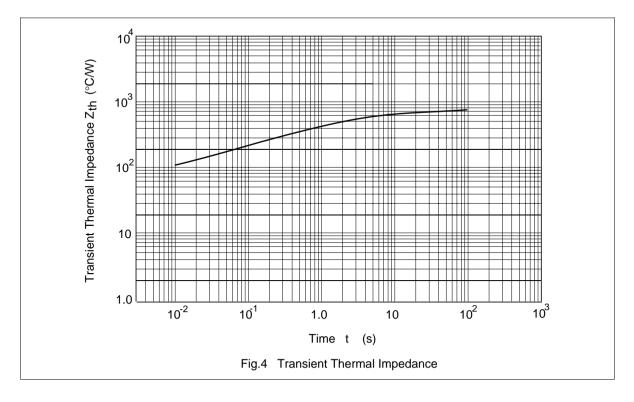
ltem	Symbol	Min	Тур	Мах	Unit	Test Condition
Zener voltage	Vz	5.80	_	6.60	V	$I_z = 5 \text{ mA}, 40 \text{ms} \text{ pulse}$
Reverse current	I _R		—	100	nA	V _R = 5.0V
Dynamic resistance	r _d			30	Ω	$I_z = 5 \text{ mA}$

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Main Characteristic

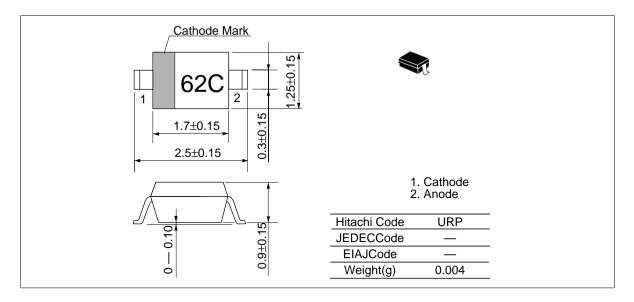


Main Characteristic



Package Dimensions

Unit : mm



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