HZU6.2Z

Silicon Epitaxial Planar Zener Diode for Surge Absorb

HITACHI

ADE-208-581(Z) Rev 0 Oct. 1997

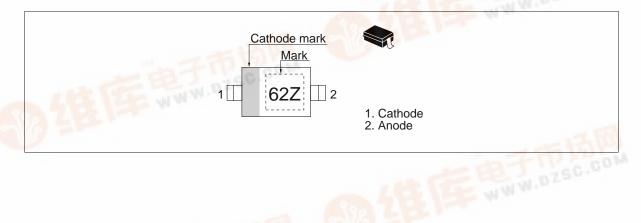
Features

- Low capacitance (C=8.5pF max) and can protect ESD of signal line.
- Ultra small Resin Package (URP) is suitable for surface mount design.

Ordering Information

Type No.	Laser Mark	Package Code
HZU6.2Z	62Z	URP

Outline





HZU6.2Z

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

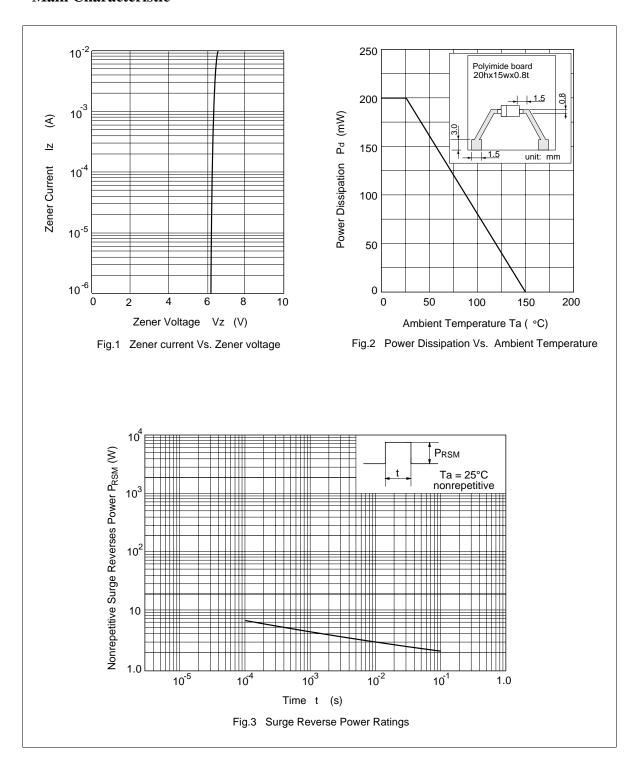
Item	Symbol	Value	Unit
Power dissipation	Pd *1	200	mW
Junction temperature	Tj	150	°C
Storage temperature	Tstg	-55 to +150	°C

Note 1. Two device total, See Fig.2.

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

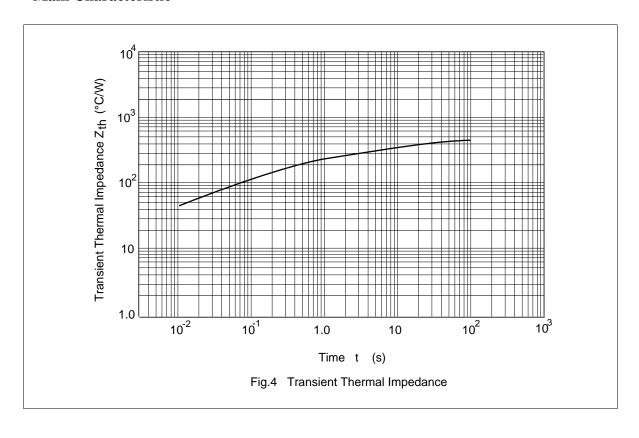
Item	Symbol	Min	Тур	Max	Unit	Test Condition
Zener voltage	V _z	5.90		6.50	V	$I_z = 5$ mA, 40ms pulse
Reverse current	I_R	_	_	3	μΑ	V _R = 5.5V
Capacitance	С	_	8.0	8.5	pF	$V_R = 0V, f = 1 MHz$
Dynamic resistance	r _d	_	_	60	Ω	$I_Z = 5 \text{ mA}$

Main Characteristic



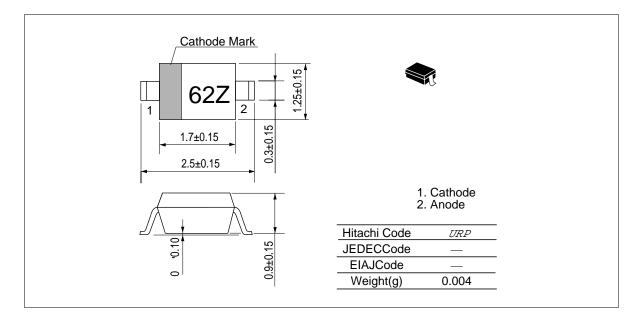
HZU6.2Z

Main Characteristic



Package Dimensions

Unit: mm



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