HZU6.2Z

Silicon Epitaxial Planar Zener Diode for Surge Absorb

HITACHI

ADE-208-581A (Z)

Rev.1 Nov. 2001

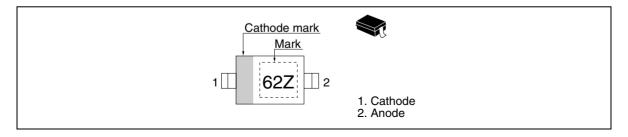
Features

- Low capacitance (C = 8.5 pF 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

Pin Arrangement





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Absolute Maximum Ratings

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

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

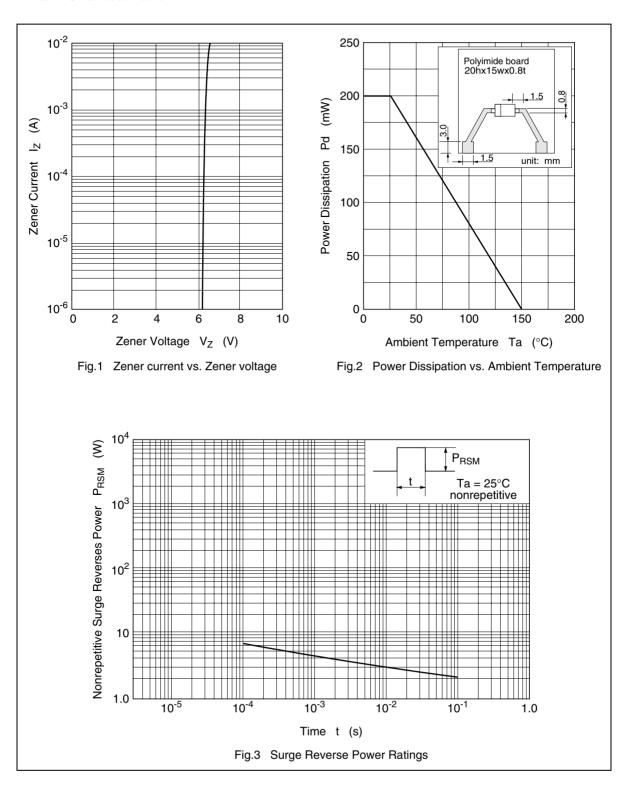
Note: Two device total, See Fig.2.

Electrical Characteristics

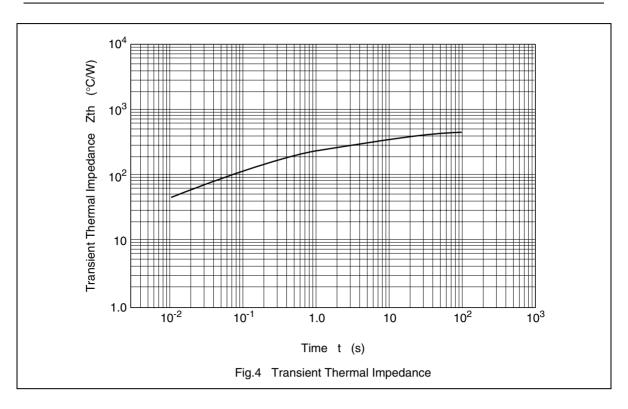
 $(Ta = 25^{\circ}C)$

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

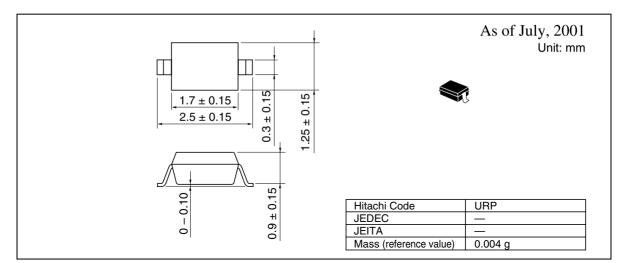
Main Characteristic



HZU6.2Z



Package Dimensions



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