

RKZ6.8TKK

Silicon Planar Zener Diode for Bidirectional Surge Absorption

REJ03G1310-0200 Rev.2.00 May 12, 2006

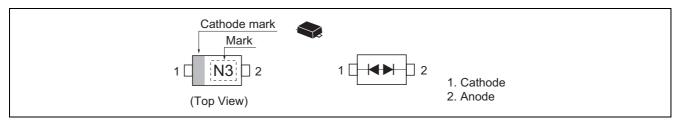
Features

- This product is for a two-way zener diode so its possible to use for bidirectional surge absorption.
- Surge absorption for electronic devices such as LED-equipped devices.
- Super small Flat Lead Package (SFP) is suitable for surface mount design.

Ordering Information

Type No.	Laser Mark	Package Name	Package Code
RKZ6.8TKK	N3	SFP	PUSF0002ZB-A

Pin Arrangement



Absolute Maximum Ratings *1

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

Item	Symbol	Value	Unit
Power dissipation	Pd * ²	150	mW
Junction temperature	Tj	150	°C
Storage temperature	Tstg	-55 to +150	°C

Notes: 1. Per one device

2. See Fig.2.

Electrical Characteristics

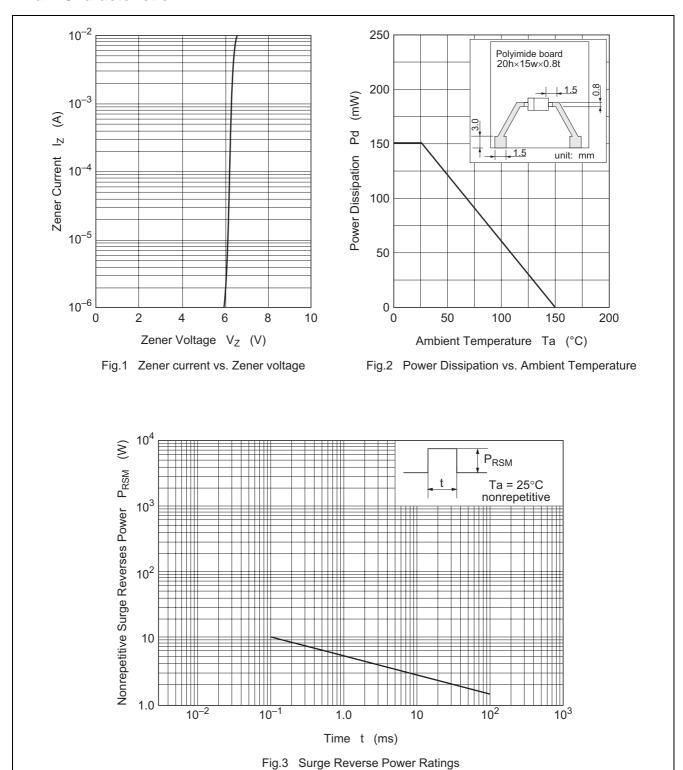
 $(Ta = 25^{\circ}C)$

Item	Symbol	Min	Тур	Max	Unit	Test Condition
Zener voltage	Vz	5.80	_	7.80	V	I _Z = 5 mA, 40 ms pulse
Reverse current	I _R	_	_	0.5	μΑ	V _R = 3.5 V
ESD-Capability *1	_	25	_	_	kV	C = 150 pF, R = 330 Ω , Both forward
						and reverse direction 10 pulse

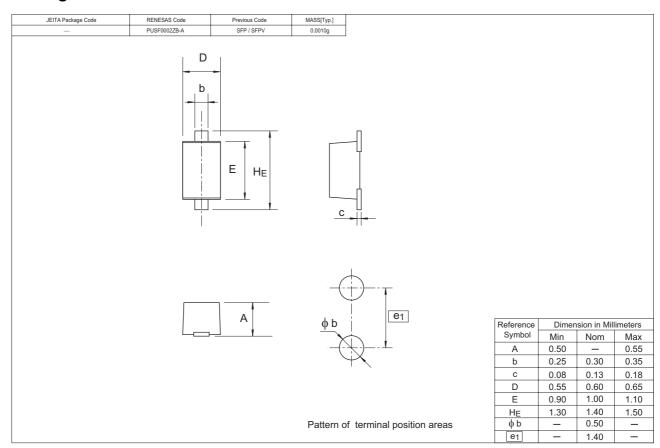
Notes: 1. Failure criterion ; $I_R > 0.5 \mu A$ at $\overline{V_R} = 3.5 \text{ V.(Both direction)}$

2. For SFP package, the material of lead is exposed for cutting plane. There for, soldering nature of lead tip part is considered as unquestioned. Please kindly consider soldering nature.

Main Characteristic



Package Dimensions



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