# imall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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## Panasonic

DZ4J082K0R

Zener Diode DZ4J082K0R

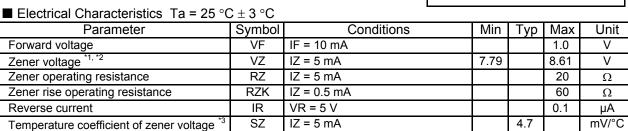
Silicon epitaxial planar type

#### Unit: mm 2.0 For constant voltage / For surge absorption circuit <u>0. 3</u> 0 13 4 Features Excellent rising characteristics of zener current Iz 25 Low zener operating resistance Rz Halogen-free / RoHS compliant (EU RoHS / UL-94 V-0 / MSL:Level 1 compliant) 2 1 0.7 Marking Symbol: JJ (0.65)(0.65) Basic Part Number : 1.3 Dual DZ2J082 (Parallel) Packaging -2 Embossed type (Thermo-compression sealing) 3 000 pcs / reel (standard -1 Absolute Maximum Ratings Ta = 25 °C Rating Un Parameter Symbol Repetitive peak forward current IFRM 200 mA

Total power dissipation <sup>*1</sup>	PT	200	mW
Electrostatic discharge <sup>*2</sup>	ESD	±8	kV
Junction temperature	Tj	150	°C
Operating ambient temperature	Topr	-40 to +85	°C
Storage temperature	Tstg	-55 to +150	°C
Note) *1: Mounted on glass epoxy print board. ( 45 mm x 45 mm x 1 mm)			

Solder in (0.8 mm x 0.8 mm)

\*2: Test method:IEC61000\_4\_2(C = 150 pF,R = 330 Ω, Contact discharge:10 times)



Note) 1. Measuring methods are based on JAPANESE INDUSTRIAL STANDARD JIS C 7031 Measuring methods for Diodes.

2. Absolute frequency of input and output is 5 MHz.

3. \*1: The temperature must be controlled 25 °C for VZ mesurement. VZ value measured at other temperature must be adjusted to VZ (25 °C)

\*2: VZ guaranted 20 ms after current flow.

\*3: Tj = 25 °C to 150 °C

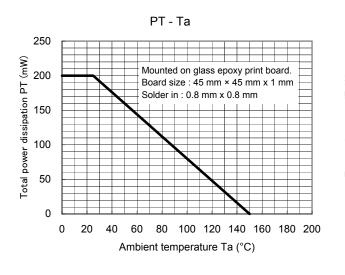
)	1. Anode 2. Anode		
	Panasonic	SMini4-F3-B	
	JEITA	SC-113BB	
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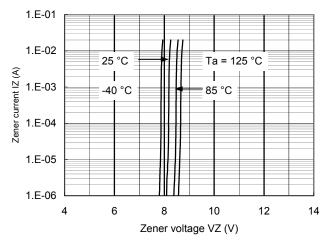


Zener Diode DZ4J082K0R

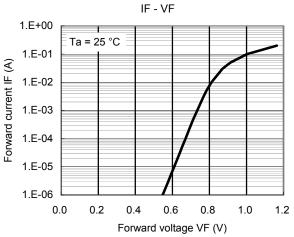
### Technical Data (reference)



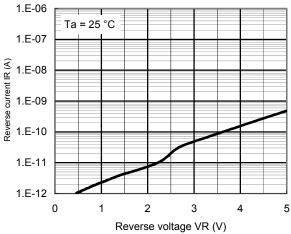




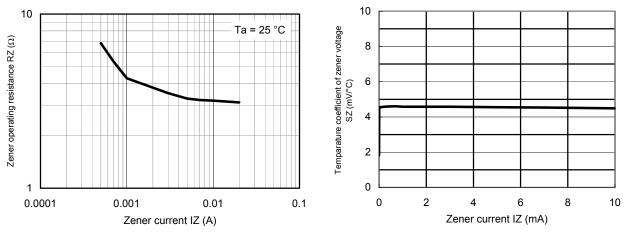










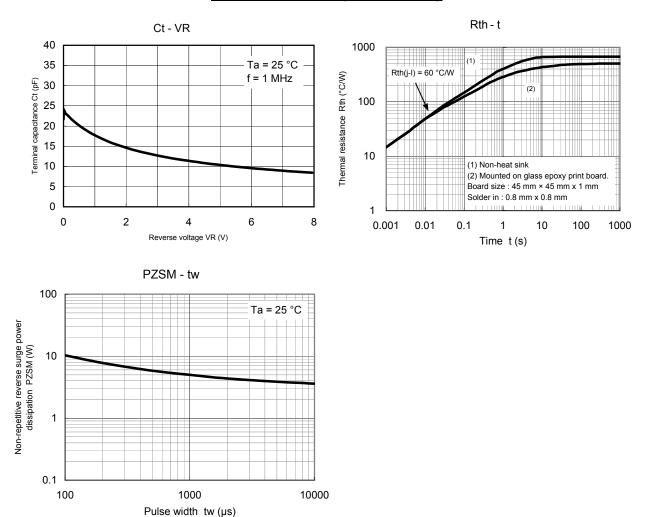


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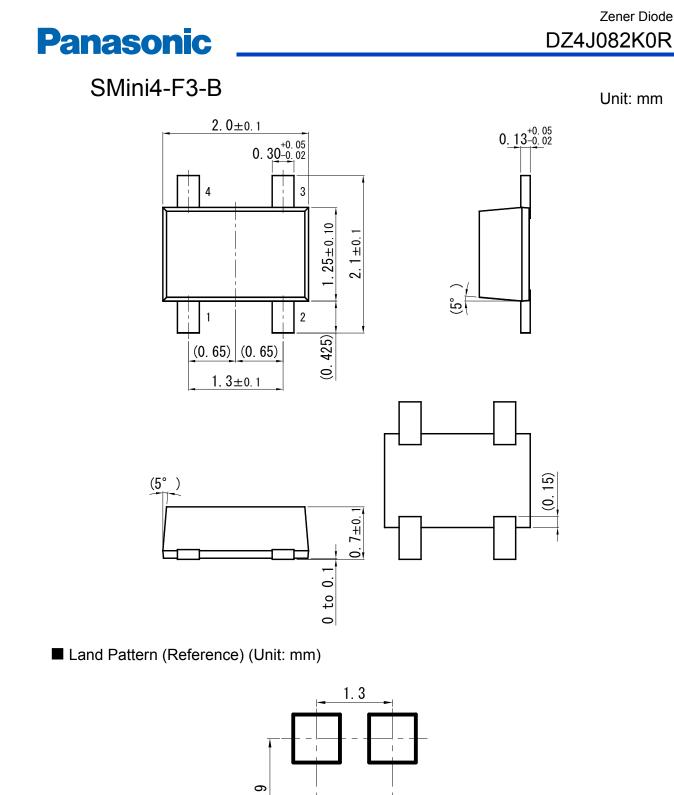
Established : 2009-12-21 Revised : 2013-09-27



Zener Diode DZ4J082K0R



Technical Data (reference)



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0.8

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