Panasonic

Zener Diode

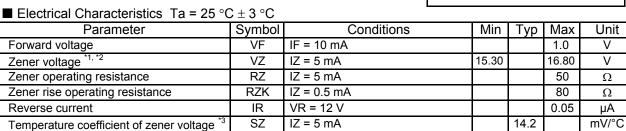
DZ4J160K0R Silicon epitaxial planar type

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: XJ (0.65)(0.65) 1.3 Basic Part Number : Dual DZ2J160 (Parallel) Packaging 3. Cathode-2 1. Anode-1 Embossed type (Thermo-compression sealing) 3 000 pcs / reel (standard) 2. Anode-2 4. Cathode-1 Panasonic SMini4-F3-B SC-113BB Absolute Maximum Ratings Ta = 25 °C JEITA Rating Unit Parameter Code Symbol

Repetitive peak forward current	IFRM	200	mA
Total power dissipation ^{*1}	PT	200	mW
Electrostatic discharge *2	ESD	±8	kV
Junction temperature	Tj	150	°C
Operating ambient temperature	Topr	-40 to +85	°C
Storage temperature	Tstg	-55 to +150	С°

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)



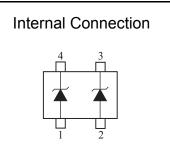
Note) 1. Measuring methods are based on JAPANESE INDUSTRIAL STANDARD JIS C 7031 Measuring methods for Diodes.

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

 *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.

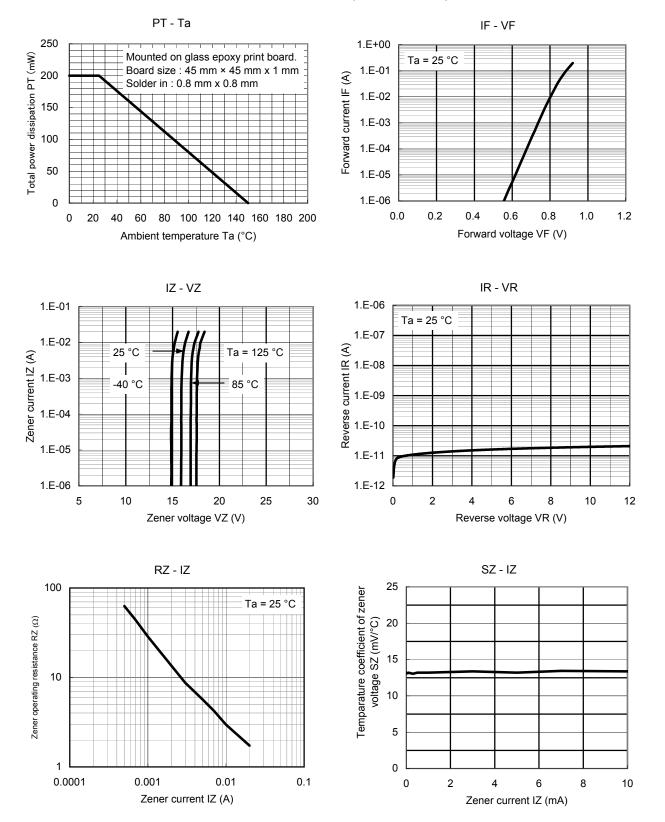
*3: Tj = 25 °C to 150 °C





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Technical Data (reference)

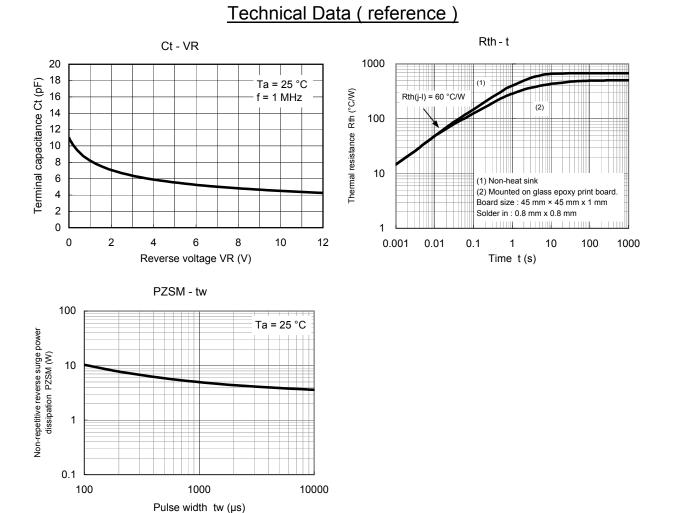


Established : 2009-12-21 Revised : 2013-10-07

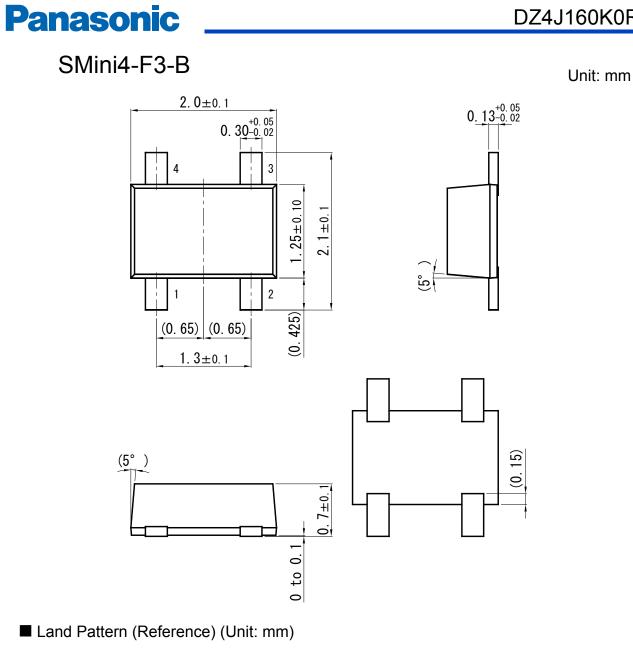
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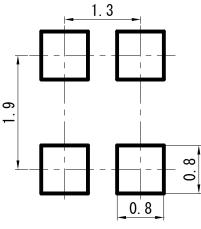


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DZ4J160K0R

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