



Zener Diode  
DD3J062J0L

## DD3J062J0L

Silicon epitaxial planar type

For surge absorption circuit  
DD3X062J in SMini3 type package

### ■ Features

- Low terminal capacitance Ct
- Halogen-free / RoHS compliant  
(EU RoHS / UL-94 V-0 / MSL:Level 1 compliant)

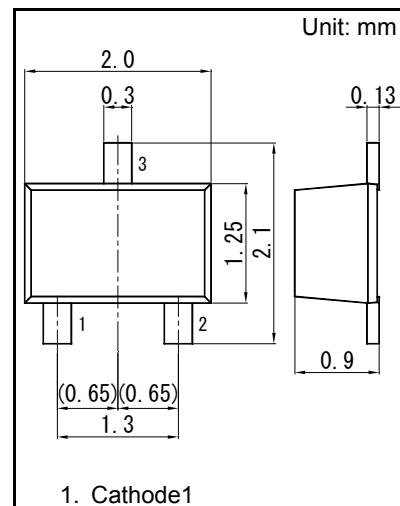
### ■ Marking Symbol:51

### ■ Basic Part Number :

Dual DD2S062 (Common anode)

### ■ Packaging

Embossed type (Thermo-compression sealing) 3 000 pcs / reel (standard)

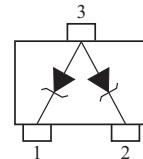


Panasonic SMini3-F2-B

JEITA SC-85

Code —

### Internal Connection



### ■ Electrical Characteristics Ta = 25 °C ± 3 °C

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Forward voltage	VF	IF = 10 mA			1.0	V
Zener voltage <sup>1, 2</sup>	VZ	IZ = 5 mA	5.90		6.50	V
Zener operating resistance	RZ	IZ = 5 mA			30	Ω
Zener rise operating resistance	RZK	IZ = 0.5 mA			100	Ω
Reverse current	IR	VR = 5.5 V			3	μA
Temperature coefficient of zener voltage <sup>3</sup>	SZ	IZ = 5 mA		2.5		mV/°C
Terminal Capacitance	Ct	VR = 0 V, f = 1 MHz			10	pF

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

2. \*1: The temperature must be controlled 25°C for VZ measurement.

VZ value measured at other temperature must be adjusted to VZ (25°C)

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

\*3: Tj = 25°C to 150°C

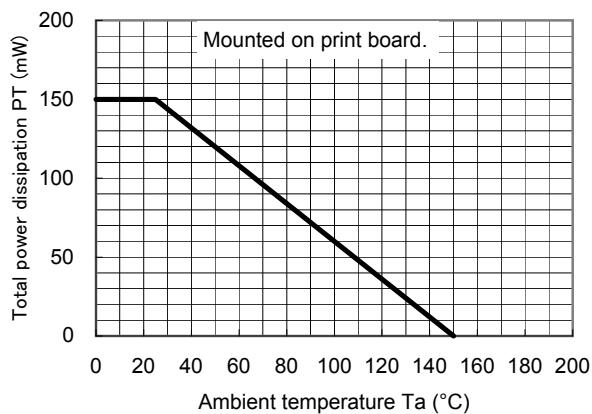
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Zener Diode

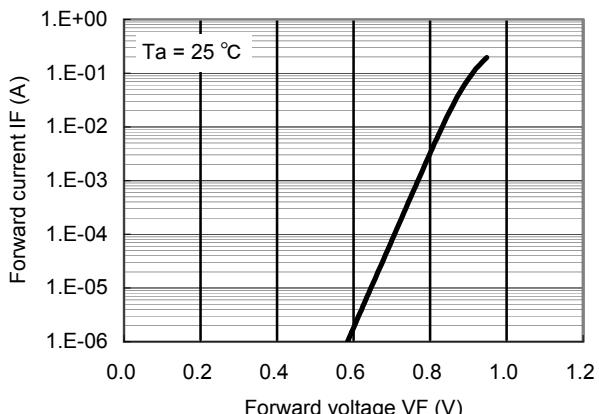
**DD3J062J0L**

Technical Data ( reference )

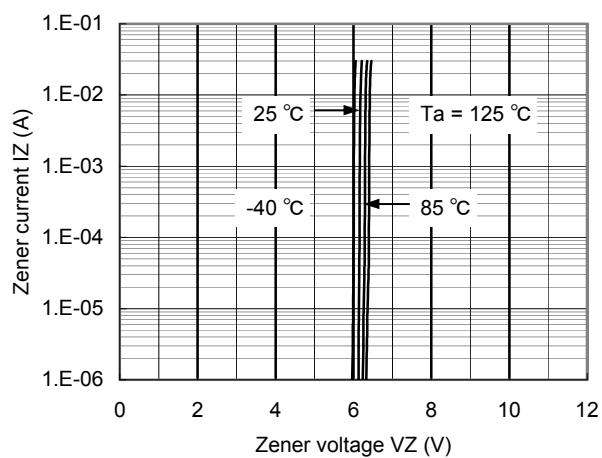
PT - Ta



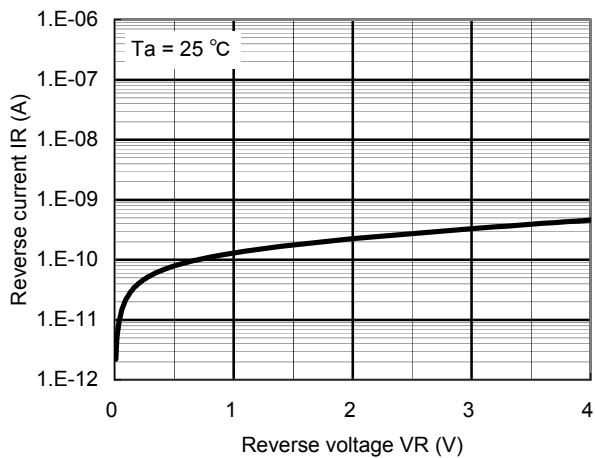
IF - VF



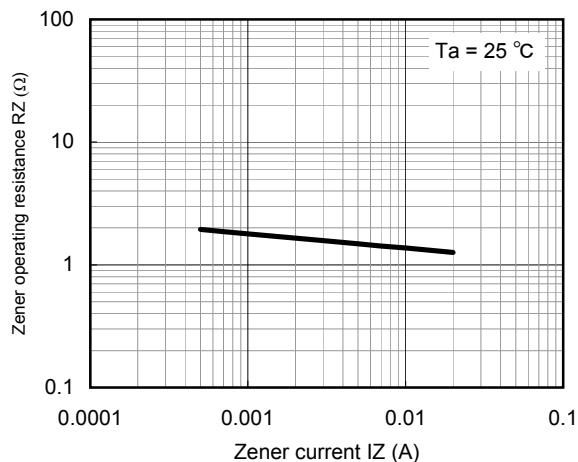
IZ - VZ



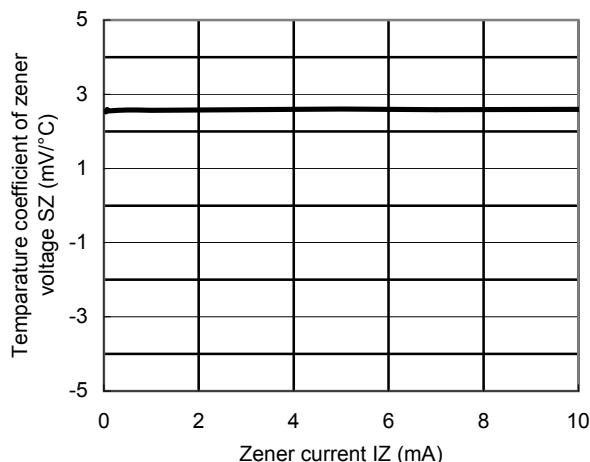
IR - VR



RZ - IZ



SZ - IZ



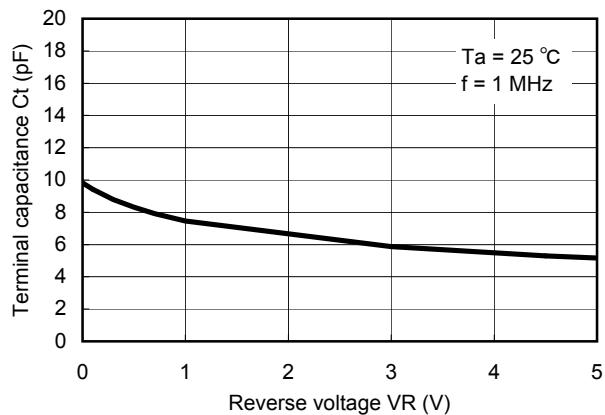
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Technical Data ( reference )

Ct - VR



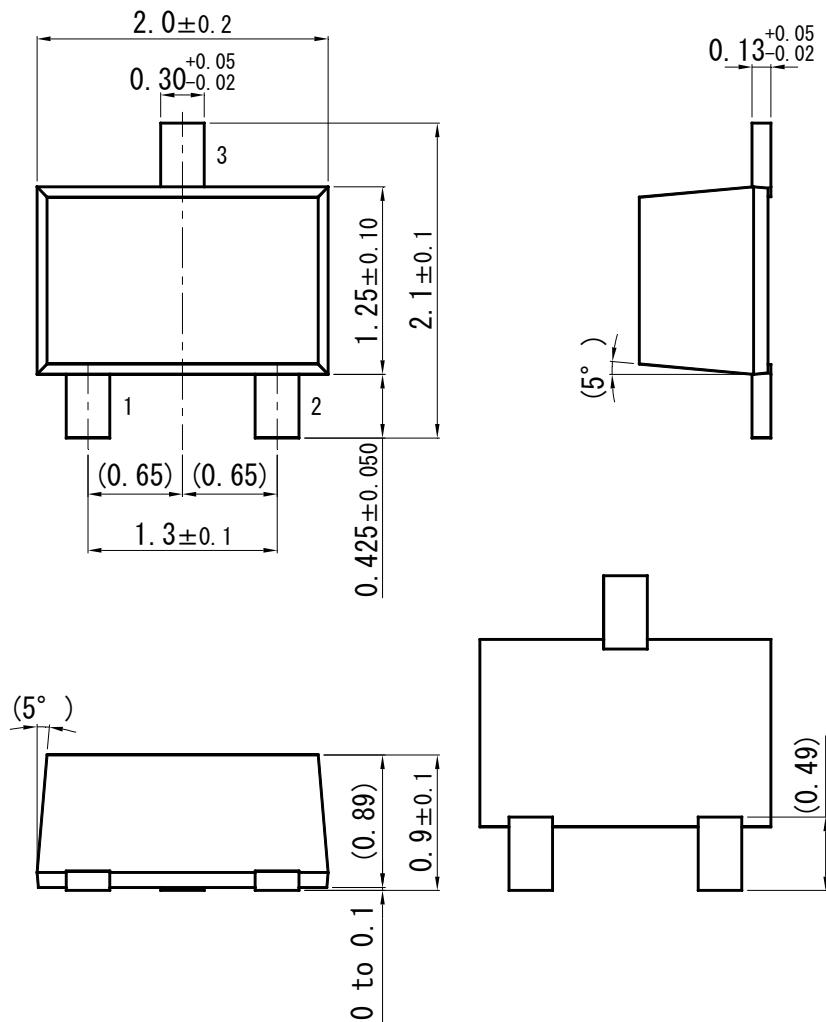
**Panasonic**

Zener Diode

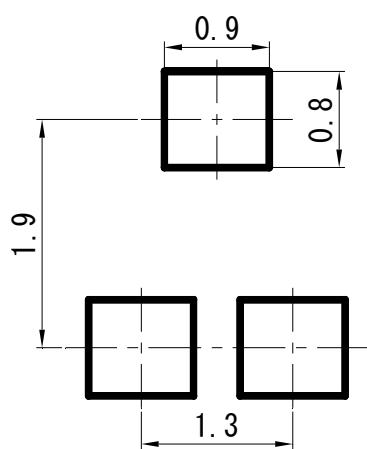
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**SMini3-F2-B**

Unit: mm



■ Land Pattern (Reference) (Unit: mm)



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