# DB3J406N0L

## Silicon epitaxial planar type

For high speed switching circuits

### ■ Features

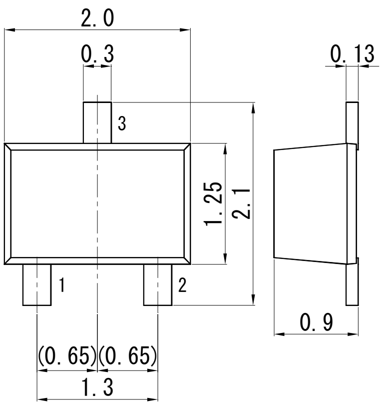
- Small reverse current IR
- Short reverse recovery time trr
- Halogen-free / RoHS compliant
  (EU RoHS / UL-94 V-0 / MSL:Level 1 compliant)

### ■ Marking Symbol: 5V

### ■ Packaging

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

Unit: mm



1. Anode1
2. Anode2
3. Cathode1
   Cathode2

| | |
|---|---|
| Panasonic | SMini3-F2-B |
| JEITA | SC-85 |
| Code | — |

### ■ Absolute Maximum Ratings Ta = 25 °C

| Parameter | | Symbol | Rating | Unit |
|---|---|---|---|---|
| Reverse voltage | | VR | 40 | V |
| Repetitive peak reverse voltage | | VRRM | 40 | V |
| Forward current | Singie | IF | 100 | mA |
| | Doubie | | 75 | mA |
| Peak forward current | Singie | IFM | 300 | mA |
| | Doubie | | 225 | mA |
| Non-repetitive peak forward surge current [*1] | | IFSM | 1 | A |
| Junction temperature | | Tj | 125 | °C |
| Operating ambient temperature | | Topr | -40 to +85 | °C |
| Storage temperature | | Tstg | -55 to +125 | °C |

Note: *1 The peak-to-peak value in one cycle of 50 Hz sine wave (non-repetitive)

### Internal Connection