Schottky Barrier Diode

DB2460200L

Panasonic

DB2460200L

Silicon epitaxial planar type

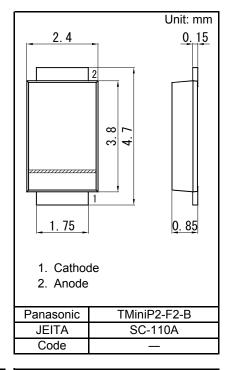
For rectification

■ Features

- · Low forward voltage VF
- Forward current (Average) IF(AV) = 3 A rectification is possible
- Halogen-free / RoHS compliant (EU RoHS / UL-94 V-0 / MSL:Level 1 compliant)
- Marking Symbol: A9

■ Packaging

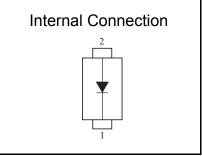
Embossed type (Thermo-compression sealing): 3 000 pcs / reel (standard)



■ Absolute Maximum Ratings Ta = 25 °C

| Parameter | Symbol | Rating | Unit |
|--|--------|-------------|------|
| Reverse voltage | VR | 60 | V |
| Maximum peak reverse voltage | VRM | 60 | V |
| Forward current *1 | IF | 3.0 | Α |
| Non-repetitive peak forward surge current *2 | IFSM | 50 | Α |
| Junction temperature | Tj | 125 | °C |
| Operating ambient temperature | Topr | -40 to +85 | °C |
| Storage temperature | Tstg | -55 to +125 | °C |

Note: *1 With a Alumina PC board (Board size: 5 cm× 5 cm)



Established: 2010-10-29 Revised: 2013-04-20

^{*2 50} Hz sine wave 1 cycle (Non-repetitive peak current)

Revision. 2

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

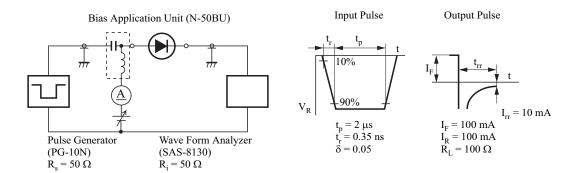
| Parameter | Symbol | Conditions | Min | Тур | Max | Unit |
|--------------------------|--------|--|-----|-----|-----|------|
| Forward voltage | VF | IF = 3.0 A | | | 0.6 | V |
| Reverse current | IR | VR = 60 V | | | 150 | μΑ |
| Terminal capacitance | Ct | VR = 10 V, f = 1 MHz | | 106 | | pF |
| Reverse recovery time *1 | trr | IF = IR = 100 mA Irr = 10 mA, RL = 100 Ω | | 36 | | ns |

- Note) 1. Measuring methods are based on JAPANESE INDUSTRIAL STANDARD JIS C 7031 Measuring methods for Diodes.
 - 2. This product is sensitive to electric shock (static electricity, etc.). Due attention must be paid on the charge of a human body and the leakage of current from the operating equipment.
 - 3. *1 trr test circuit

Established: 2010-10-29

: 2013-04-20

Revised

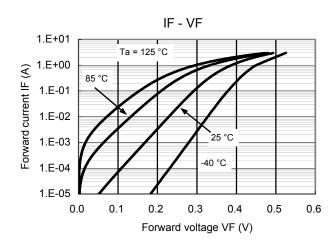


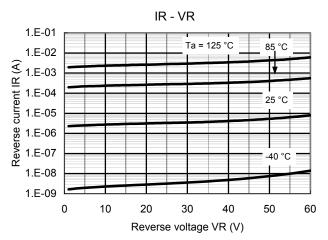
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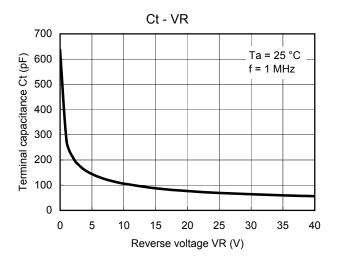
Schottky Barrier Diode

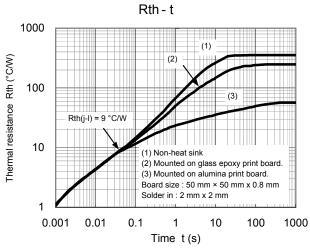
DB2460200L

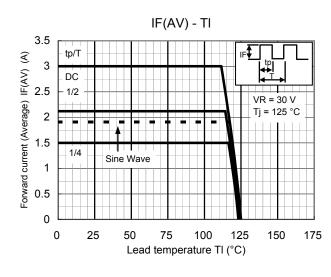
Technical Data (reference)

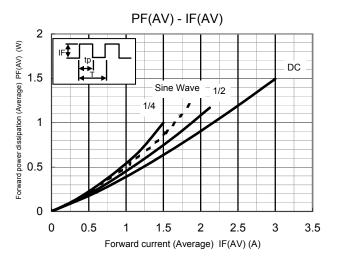












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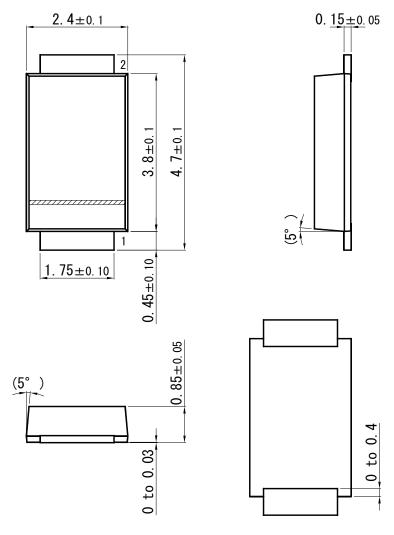
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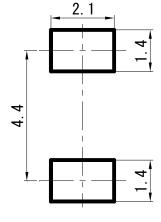
TMiniP2-F2-B

Unit: mm



■ Land Pattern (Reference) (Unit: mm)

Established: 2010-10-29 Revised: 2013-04-20



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