



DA2JF8100L

Silicon epitaxial planar type

For high speed switching circuits

■ Features

- Small reverse current IR
- High repetitive peak reverse voltage VRRM
- Halogen-free / RoHS compliant
(EU RoHS / UL-94 V-0 / MSL:Level 1 compliant)

■ Marking Symbol: 5A

■ Packaging

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

■ Absolute Maximum Ratings Ta = 25 °C

| Parameter | Symbol | Rating | Unit |
|---|--------|-------------|------|
| Repetitive peak reverse voltage | VRRM | 800 | V |
| Non-repetitive peak peak reverse voltage | VRSM | 800 | V |
| Forward current | IF | 200 | mA |
| Non-repetitive peak forward surge current ^{*1,2} | IFSM | 1 | A |
| Junction temperature | Tj | -40 to +150 | °C |
| Operating ambient temperature | Topr | -40 to +85 | °C |
| Storage temperature | Tstg | -40 to +150 | °C |

Note) *1 Mounted on an alumina PC board

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

