DA2J104

Silicon epitaxial planar type

For high speed switching circuits

■ Features

- ullet Small reverse current I_R
- Low terminal capacitance C_t
- Contributes to miniaturization of sets, reduction of component count.
- Eco-friendly Halogen-free package

■ Packaging

Embossed type (Thermo-compression sealing): 3000 pcs / reel (standard)

■ Absolute Maximum Ratings $T_a = 25$ °C

| Parameter | Symbol Rating | | Unit | |
|---|---------------------|-------------|------|--|
| Reverse voltage | V _R | 80 | V | |
| Maximum peak reverse voltage | V_{RM} | V | | |
| Forward current | I_{F} | 200 | mA | |
| Peak forward current | I _{FM} 600 | | mA | |
| Non-repetitive peak forward surge current * | I _{FSM} | 1 | A | |
| Junction temperature | T_j | 150 | °C | |
| Storage temperature | T _{stg} | -55 to +150 | °C | |

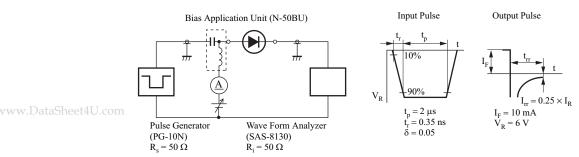
Note) *: 1 t = 1 s

■ Electrical Characteristics $T_a = 25$ °C±3°C

| Parameter | Symbol | Conditions | Min | Тур | Max | Unit |
|-------------------------|-----------------|--|-----|------|------|------|
| Forward voltage | V _F | $I_F = 200 \text{ mA}$ | | 0.90 | 1.10 | V |
| Reverse voltage | V _R | $I_R = 100 \mu A$ | 80 | | | V |
| Reverse current | I_R | $V_R = 80 \text{ V}$ | | | 500 | nA |
| Terminal capacitance | Ct | $V_R = 0 V, f = 1 MHz$ | | | 4 | pF |
| Reverse recovery time * | t _{rr} | $I_F = 10 \text{ mA}, V_R = 6 \text{ V}, I_{rr} = 0.25 \times I_R$ | | | 10 | ns |

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 100 MHz
- 3. *: t_{rr} measurement circuit



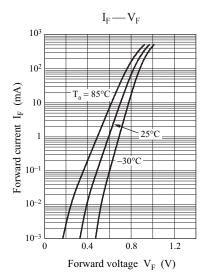
■ Package

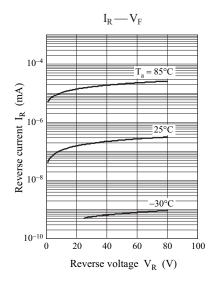
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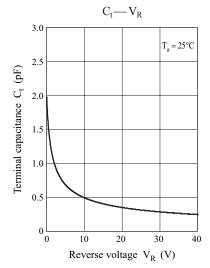
SMini2-F5-B

- Pin Name
 - 1: Cathode
 - 2: Anode
- Marking Symbol: C1

DA2J104 Panasonic



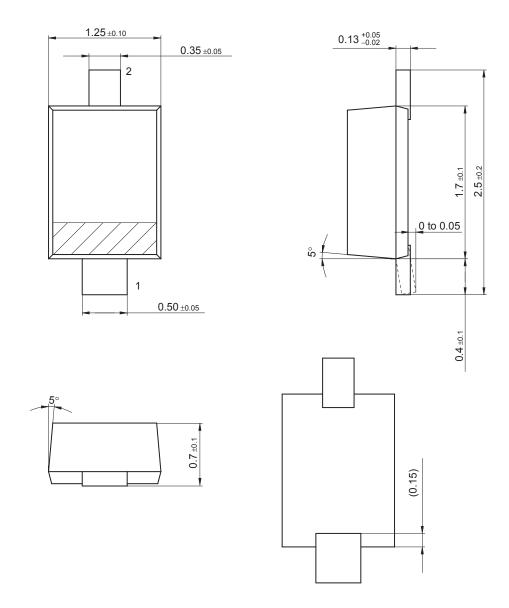




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Unit: mm

SMini2-F5-B



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