Switching Diode

Panasonic DA6X108K0R

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Silicon epitaxial planar type

For small current rectification
DA2J108 in Mini6 type package

■ Features

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

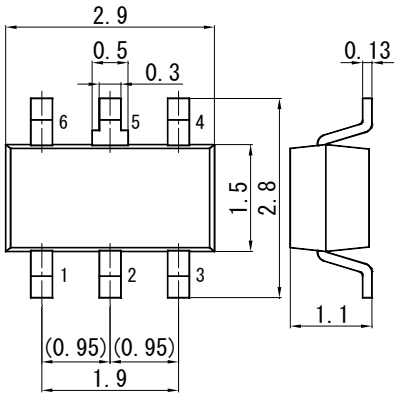
■ Marking Symbol: 26

■ Basic Part Number :
Triple DA2J108 (Parallel)

■ Packaging

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

Unit: mm



1. Anode 1
2. Anode 2
3. Anode 3
4. Cathode 3
5. Cathode 2
6. Cathode 1

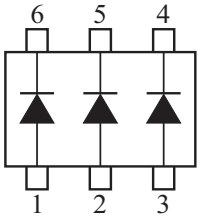
Panasonic	Mini6-G4-B
JEITA	SC-74
Code	SOT-457

■ Absolute Maximum Ratings Ta = 25 °C

Parameter		Symbol	Rating	Unit
Reverse voltage		VR	300	V
Maximum peak reverse voltage		VRM	300	V
Output current (Average)	Single	IO (AV)	200	mA
	Triple		100	
Repetitive peak forward current	Single	IFRM	600	mA
	Triple		200	
Non-repetitive peak forward surge current *1	Single	IFSM	1 000	mA
	Triple		350	
Junction temperature		Tj	150	°C
Operating ambient temperature		Topr	-40 to +85	°C
Storage temperature		Tstg	-55 to +150	°C

Note) *1 t = 1 s

Internal Connection



Establishe d : 2010-04-19
Revised : 2013-06-19

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

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Forward voltage	VF	IF = 200 mA			1.2	V
Reverse current	IR1	VR = 200 V			200	nA
	IR2	VR = 300 V			1	μA
Terminal capacitance	Ct	VR = 0 V, f = 1 MHz		3.5		pF

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 3 MHz.

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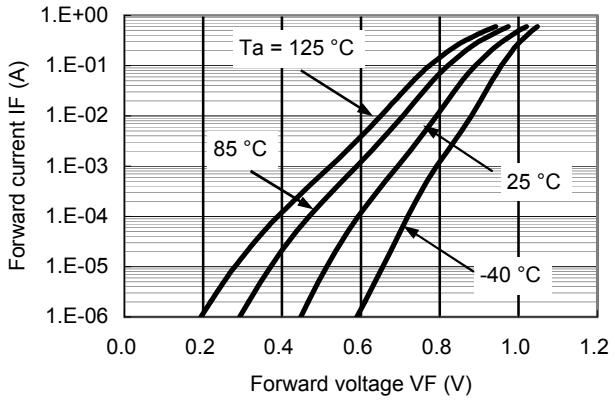
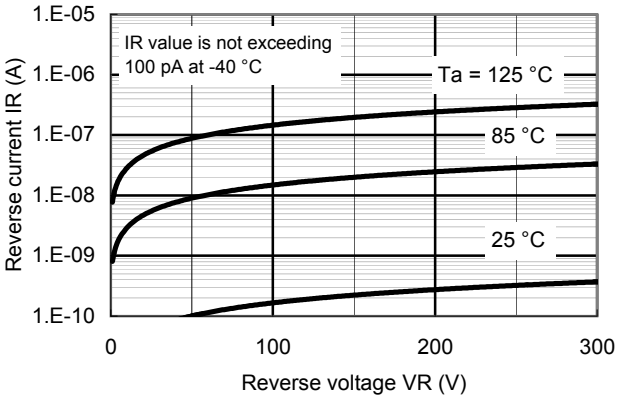
Technical Data (reference)

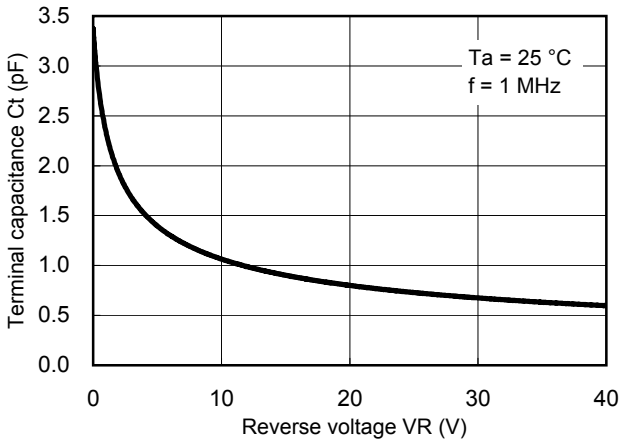
IF - VF



IR - VR



Ct - VR



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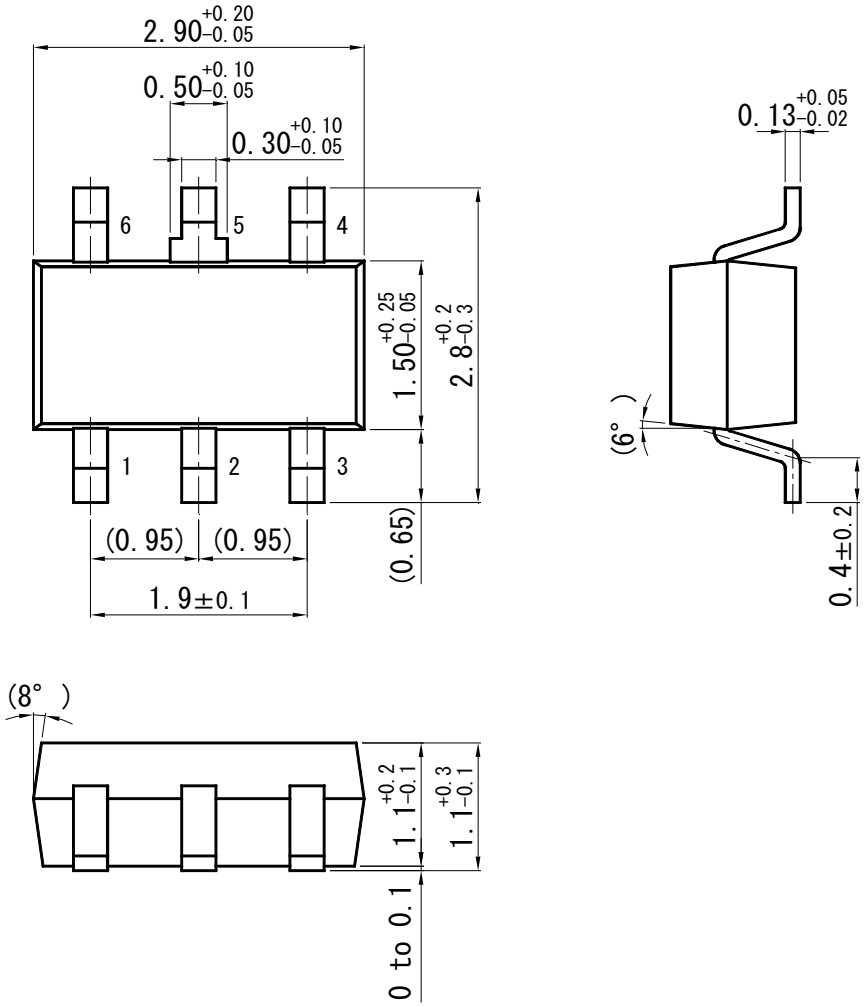
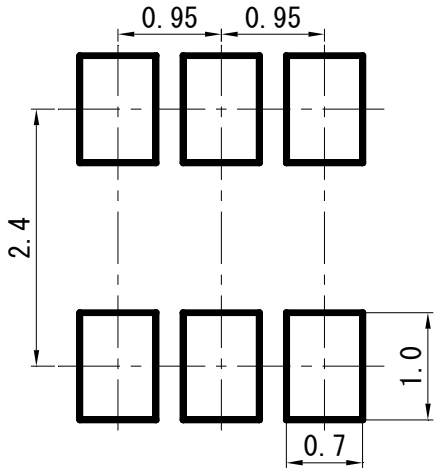
Mini6-G4-B

Unit: mm



■ Land Pattern (Reference) (Unit: mm)



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