DA3S101A

Silicon epitaxial planar type

For high speed switching circuits DA3J101A in SSMini3 type package

Features

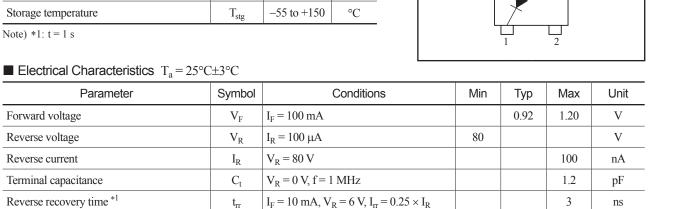
- Small reverse current I_R
- Short reverse recovery time t_{rr}
- Halogen-free / RoHS compliant (EU RoHS / UL-94 V-0 / MSL: Level 1 compliant)
- Marking Symbol: 20

Packaging

DA3S101A0L Embossed type (Thermo-compression sealing): 3 000 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}	80	V
Forward current	I _F	100	mA
Peak forward current	I _{FM}	225	mA
Non-repetitive peak forward surge current *1	I _{FSM}	500	mA
Junction temperature	Tj	150	°C
Storage temperature	T _{stg}	-55 to +150	°C
Note) $*1: t = 1$ s			

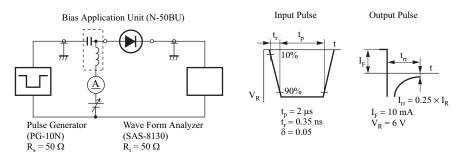


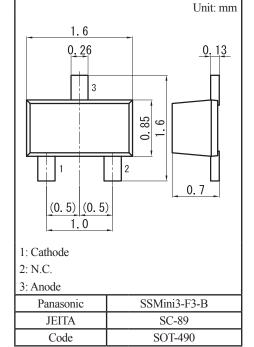


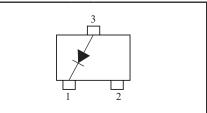
Note) 1. Measuring methods are based on JAPANESE INDUSTRIAL STANDARD JIS C 7031 measuring methods for diodes.

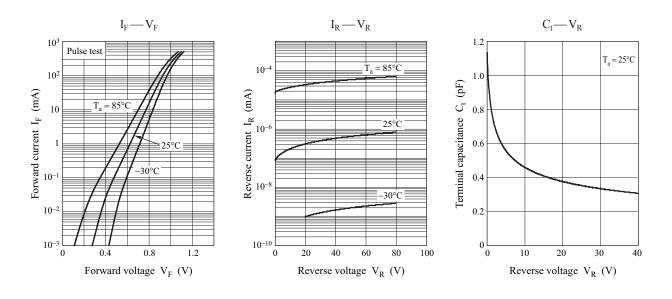
2. Absolute frequency of input and output is 100 MHz

3. *1: trr measurement circuit



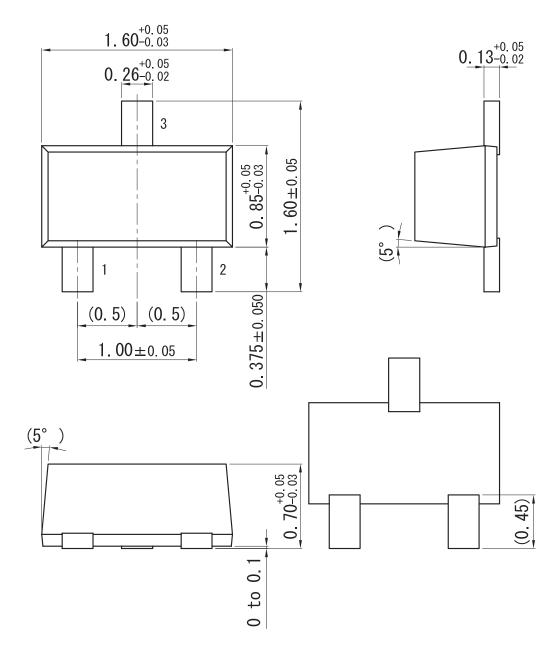




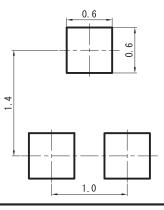


SSMini3-F3-B

Unit: mm



Land Pattern (Reference) (Unit: mm)



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