

SANYO

No.651D

DBA100

Diffused Junction Silicon Diode

10.0A Single-Phase Bridge Rectifier**Features**

- Plastic molded structure
- Glass passivation for high reliability
- Peak reverse voltage : $V_{RM} = 200, 600V$
- Average rectified current : $I_O = 10.0A$

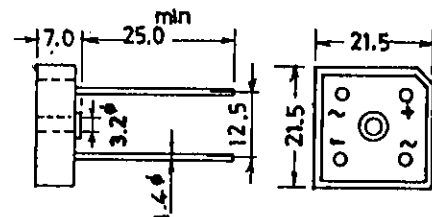
Absolute Maximum Ratings at $T_a = 25^\circ C$

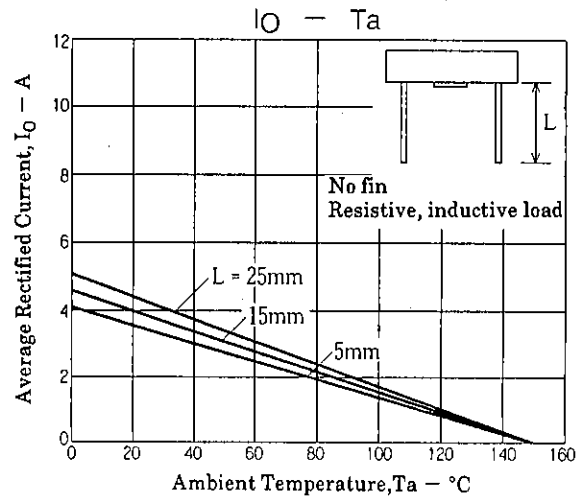
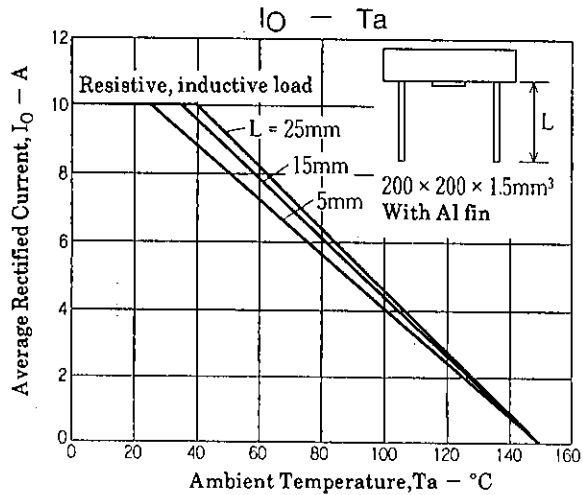
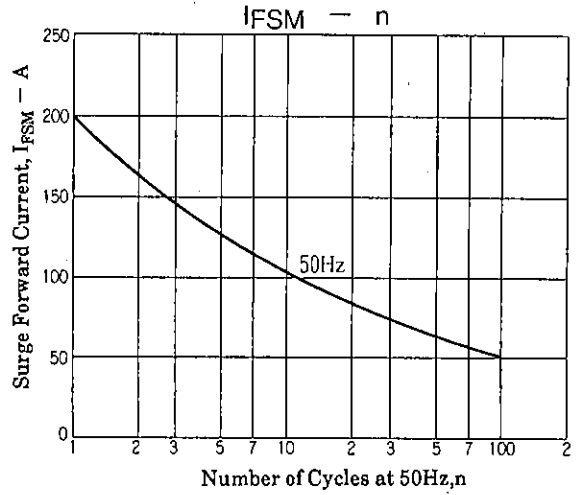
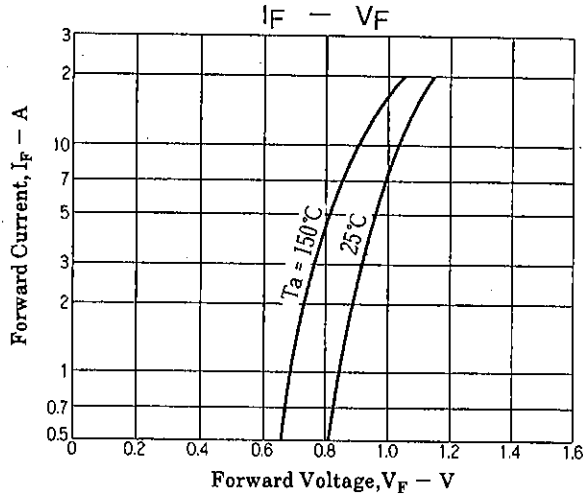
			DBA100C	DBA100G	unit
Peak Reverse Voltage	V_{RM}		200	600	V
Average Rectified Current	I_O	$T_a = 40^\circ C$	→	3.7	A
		$T_a = 40^\circ C$, with $200 \times 200 \times 1.5mm^3$ Al fin	→	10.0	A
Surge Forward Current	I_{FSM}		→	200	A
Junction Temperature	T_j		→	150	$^\circ C$
Storage Temperature	T_{stg}		→	-30 to +150	$^\circ C$

Electrical Characteristics at $T_a = 25^\circ C$, per constituent element of bridge

			min	typ	max	unit
Forward Voltage	V_F	$I_F = 5.0A$			1.05	V
Reverse Current	I_R	V_R : At each V_{RM}			10	μA

Note 1 : Mounting torque : 5kg·cm max

Package Dimensions 1090
(unit : mm)



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