

SANYO

No.649C

DBA40

Diffused Junction Silicon Diode

4.0A Single-Phase Bridge Rectifier**Features**

- Plastic molded structure
- Glass passivation for high reliability
- Peak reverse voltage : $V_{RM} = -100$ to $-400V$
- Average rectified current : $I_O = 4.0A$

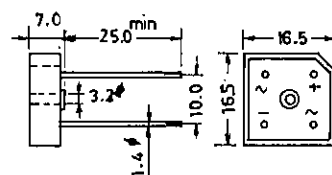
Absolute Maximum Ratings at $T_a = 25^\circ C$

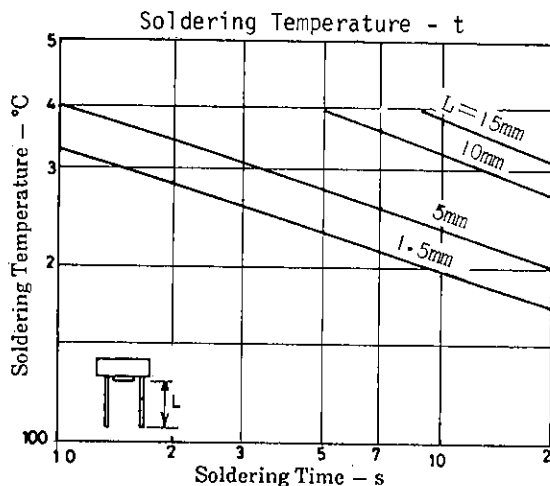
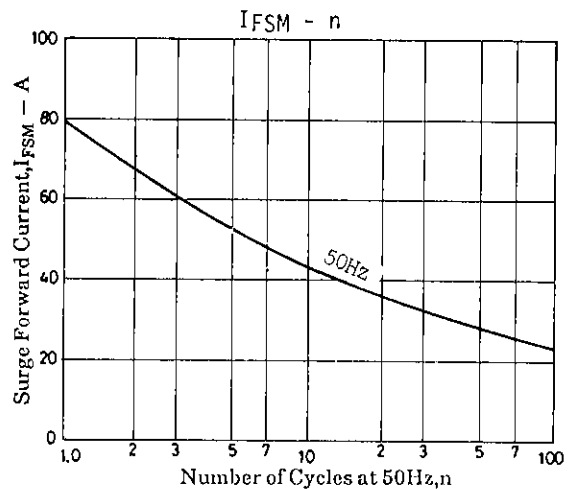
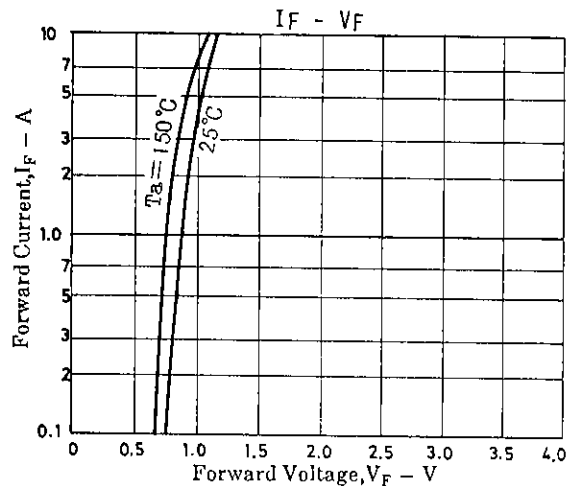
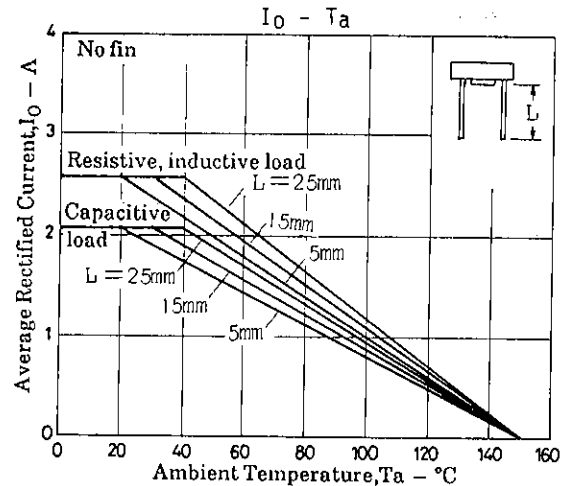
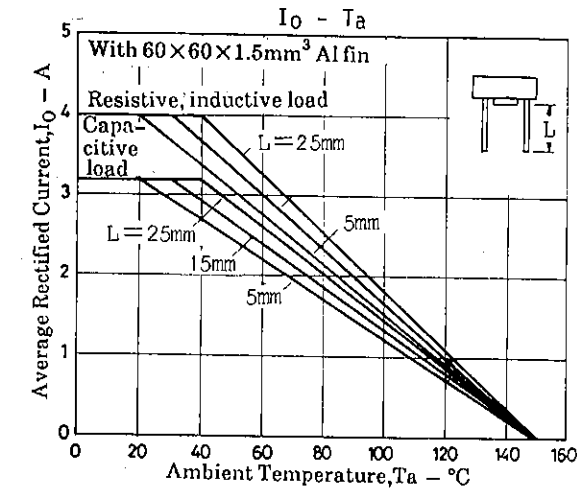
			DBA40B	DBA40C	DBA40E	unit
Peak Reverse Voltage	V_{RM}		-100	-200	-400	V
Average Rectified Current	I_O	$T_a = 40^\circ C$	→	→	2.6	A
		$T_a = 40^\circ C$, mounted on $60 \times 60 \times 1.5mm^3$ Al fin	→	→	4.0	A
Surge Forward Current	I_{FSM}	50Hz sine wave, 1 cycle	→	→	80	A
Junction Temperature	T_j		→	→	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	$I_F = 2.0A$			1.05	V
Reverse Current	I_R	V_R : At each V_{RM}			-10	μA

Note 2 : Mounted torque : 5kg·cm max

Package Dimensions 1089
(unit: mm)



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