

SANYO	No.646D	DBA10
		Diffused Junction Silicon Diode 1.0A Single-Phase Bridge Rectifier

Features

- Plastic molded structure
- Peak reverse voltage : $V_{RM} = -100$ to $-600V$
- Average rectified current : $I_O = 1.0A$

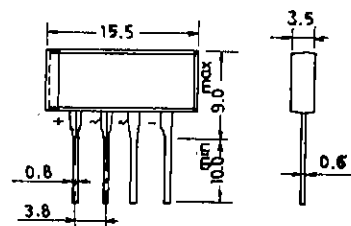
Absolute Maximum Ratings at $T_a = 25^\circ C$

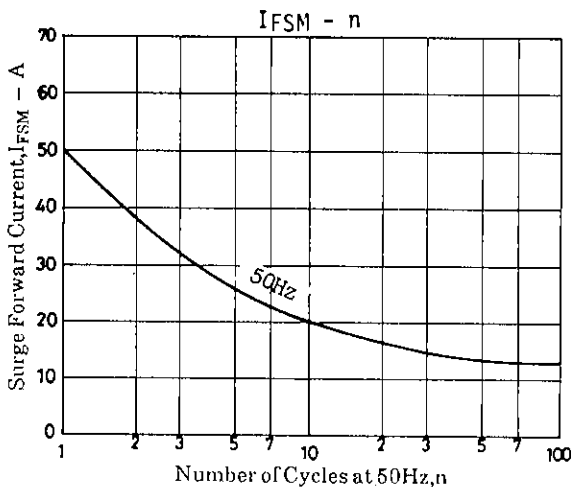
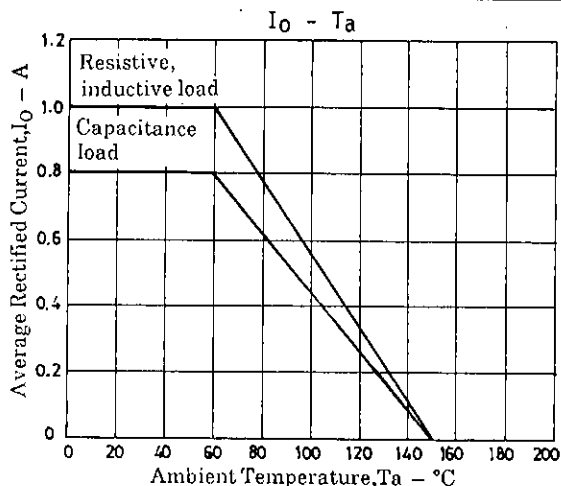
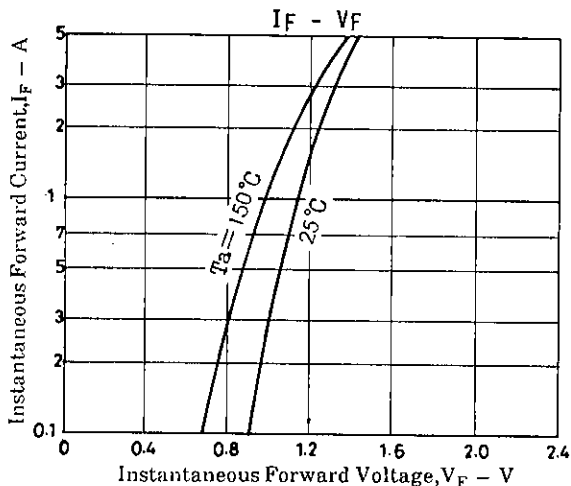
		DBA10B	DBA10C	DBA10E	DBA10G	unit
Peak Reverse Voltage	V_{RM}	-100	-200	-400	-600	V
Average Rectified Current	I_O $T_a = 60^\circ C$	→	→	→	1.0	A
Surge Forward Current	I_{FSM} 50Hz sine wave, 1 cycle	→	→	→	50	A
Junction Temperature	T_j	→	→	→	150	$^\circ C$
Storage Temperature	T_{stg}	→	→	→	-40 to +150	$^\circ C$

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

			min	typ	max	unit
Forward Voltage	V_F $I_F = 0.5A$				1.05	V
Reverse Current	I_R $V_{RM} : \text{At each } V_{RM}$				-10	μA

Package Dimensions 1093
(unit: mm)





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