

SANYO	No.647C	DBA 20
		Diffused Junction Type Silicon Diode 2.0A Single-Phase Bridge Rectifier

Features

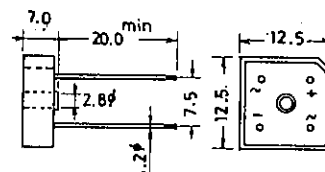
- Plastic molded structure
- Glass passivation for high reliability
- Peak reverse voltage : $V_{RM} = -100$ to $-400V$
- Average rectified current : $I_O = 2.0A$

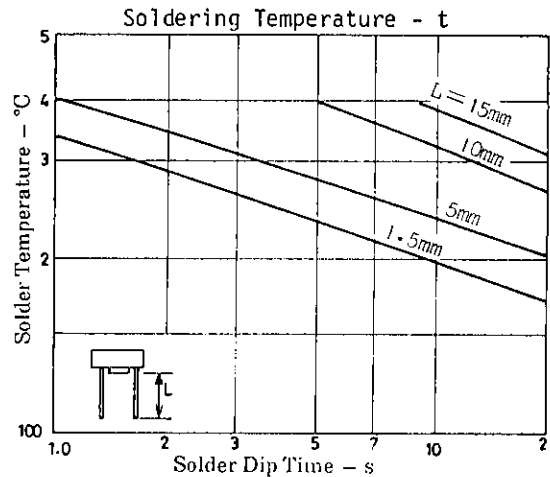
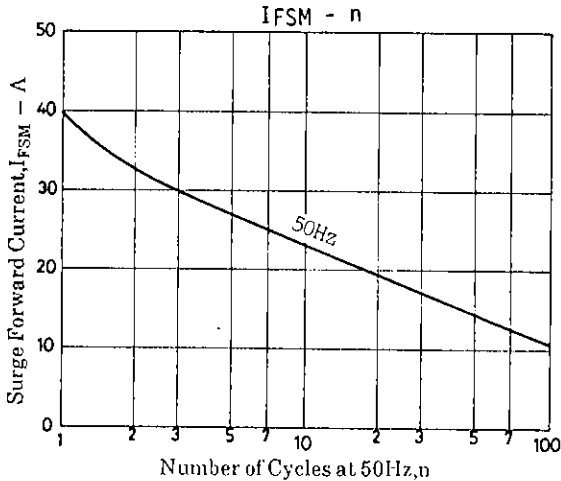
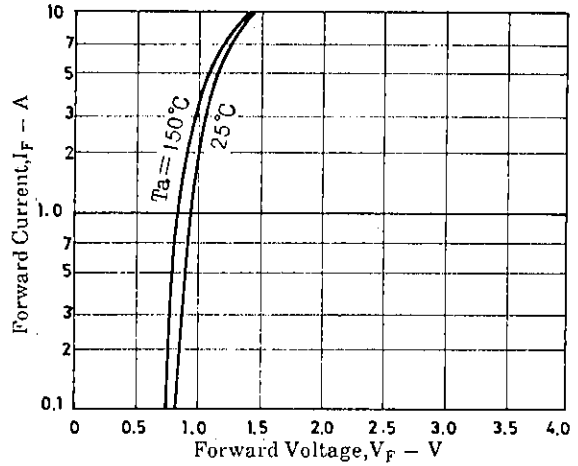
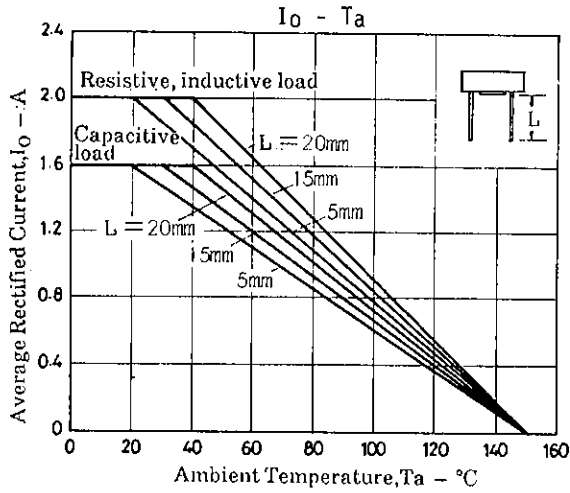
Absolute Maximum Ratings at $T_a = 25^\circ C$			DBA20B	DBA20C	DBA20E	unit
Peak Reverse Voltage	V_{RM}		-100	-200	-400	V
Average Rectified Current	I_O	$T_a = 40^\circ C$	→	→	2.0	A
Surge Forward Current	I_{FSM}	50Hz sine wave 1 cycle	→	→	40	A
Junction Temperature	T_j		→	→	150	$^\circ C$
Storage Temperature	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	$I_F = 1.0A$			1.05	V
Reverse Current	I_R	V_R : At each V_{RM}			-10	μA

Note 1 : Mounting torque : 5kg·cm max.

Package Dimensions 1087
(unit: mm)





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