

SANYO	No.2145B	DBA250
		Silicon Diffused Junction Type
25.0A Single-Phase Bridge Rectifier		

Features

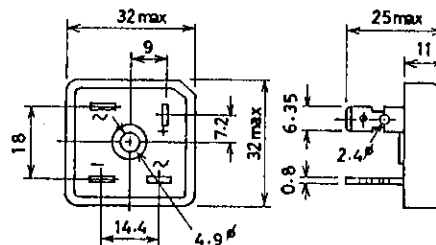
- Plastic molded structure.
- High reliability attained by glass passivation.
- Peak reverse voltage : $V_{RM} = 200$ to $600V$.
- Average rectified current : $I_O = 25.0A$.

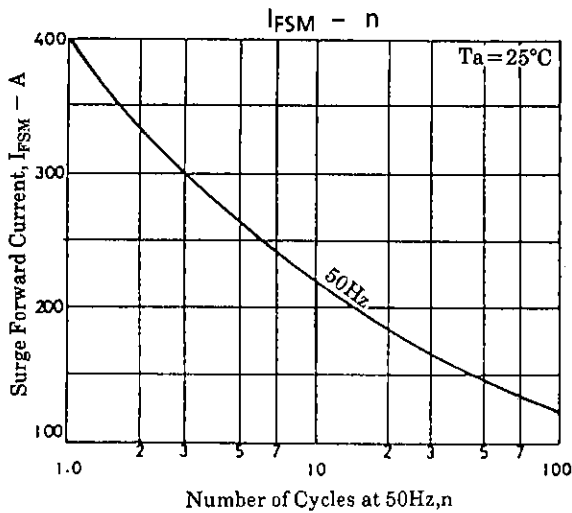
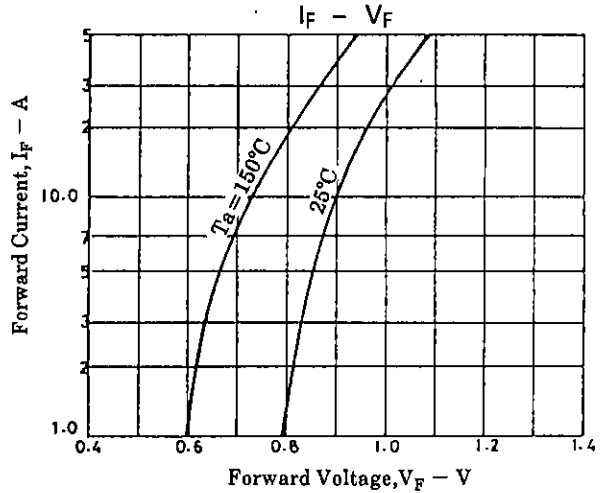
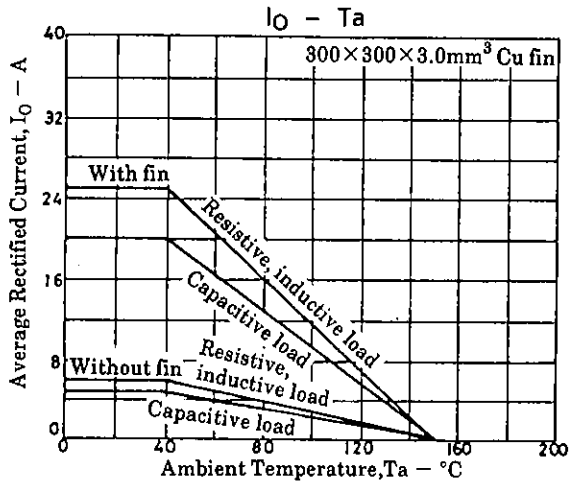
Absolute Maximum Ratings at $T_a = 25^\circ C$			DBA250C	DBA250G	unit
Peak Reverse Voltage	V_{RM}		200	600	V
Average Rectified Current	I_O	$T_a = 40^\circ C$	→	6.0	A
		$T_a = 40^\circ C$, with $300 \times 300 \times 3.0mm^3$ Cu fin	→	25.0	A
Surge Forward Current	I_{FSM}	50Hz sine wave, 1 cycle	→	400	A
Junction Temperature	T_j		→	150	$^\circ C$
Storage Temperature	T_{stg}		→	-40 to +150	$^\circ C$
Insulation Voltage	V_{IS}		→	2	kV

Electrical Characteristics at $T_a = 25^\circ C$ ※ Per constituent element of bridge.			min	typ	max	unit
Forward Voltage	V_F	$I_F = 12.5A$ ※			1.05	V
Reverse Current	I_R	V_R : At each V_{RM} ※			10	μA
Thermal Resistance	$R_{th(j-c)}$	Junction-Case			1.5	$^\circ C/W$

Note : Tightening torque : 0.98N·m max.

Package Dimensions 1162 (unit : mm)





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