

SANYO	No.3404	DBF20T
		Silicon Diffused Junction Type 2.0A Single-Phase Bridge Rectifier

Application

- For primary rectification as switching regulator.

Features

- High reliability attained by glass passivation.
- High surge.
- Plastic molded structure.
- Peak reverse voltage : $V_{RM} = 200$ to $600V$.
- Average rectified current : $I_o = 2.0A$.

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

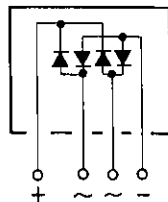
		DBF20TC	DBF20TE	DBF20TG	unit
Peak Reverse Voltage	V_{RM}	200	400	600	V
Average Rectified Current	I_o			2.0	A
		$T_c = 114^\circ C$, with $50 \times 50 \times 1.5mm^3$ Al fin			
		$T_a = 25^\circ C$, without fin		1.5	A
Surge Forward Current	I_{FSM}			80	A
		50Hz sine wave, 1 cycle			
Junction Temperature	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

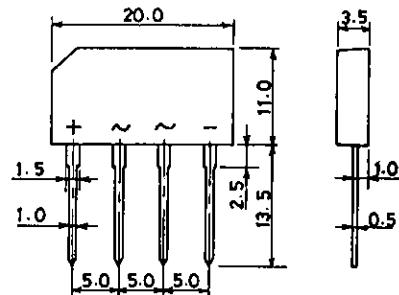
			min	typ	max	unit
Forward Voltage	V_F	$I_F = 0.75A$			1.05	V
Reverse Current	I_R	V_R : At each V_{RM}			10	μA
Thermal Resistance (Junction-Ambient)	$R_{th(j-a)}$	Without fin			50	$^\circ C/W$
Thermal Resistance (Junction-Case)	$R_{th(j-c)}$	With Al fin			10	$^\circ C/W$

Note) No screw hole provided.

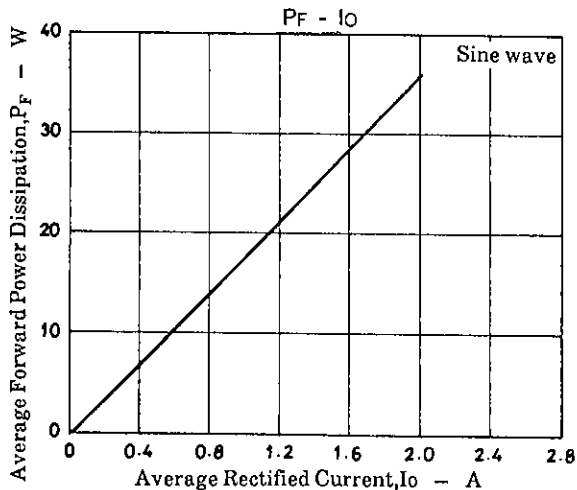
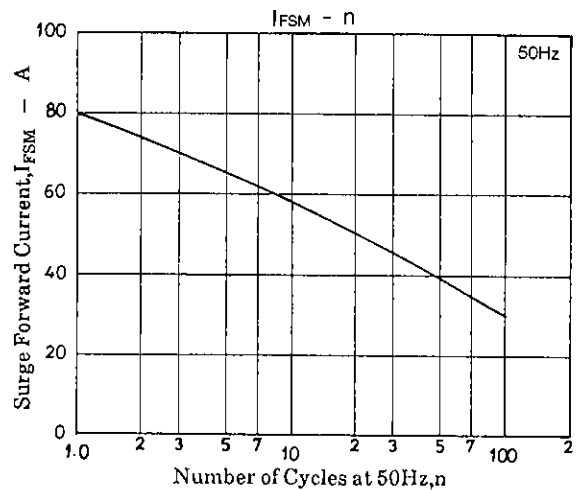
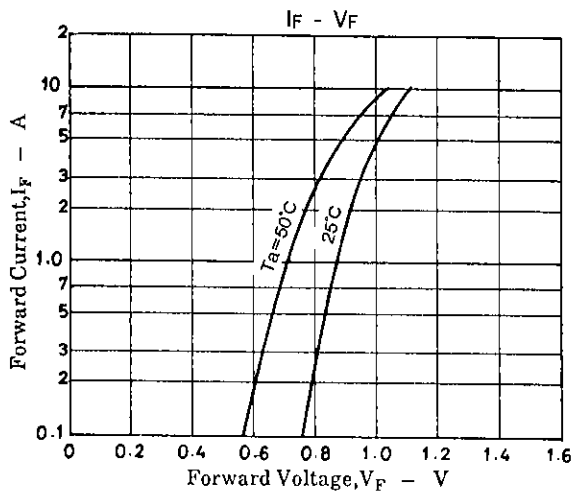
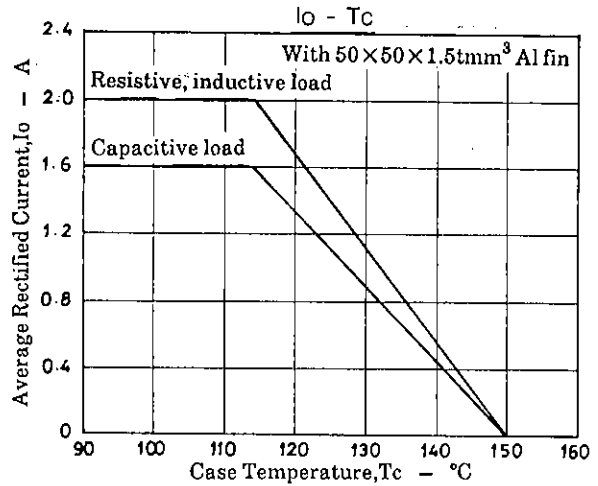
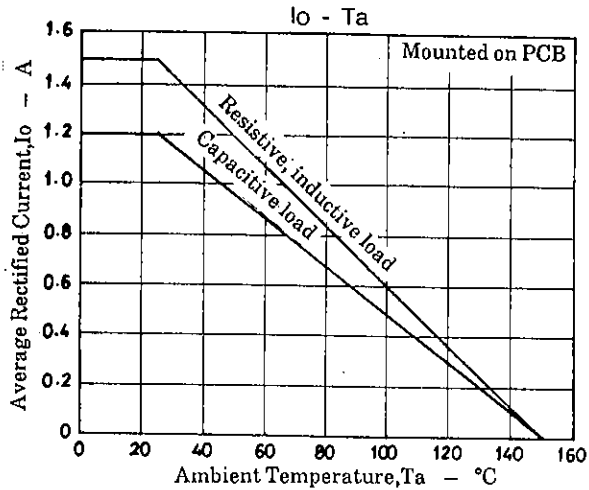
Electrical Connection



Package Dimensions 1202 (unit: mm)



DBF20T



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