

SANYO

No.2376

DSB15T

Diffused Junction Type Silicon Diode

1.5A Power Rectifier

Features

- Plastic molded structure
- Peak reverse voltage $V_{RM} = -100$ to $-1000V$
- Average rectified current $I_O = 1.5A$

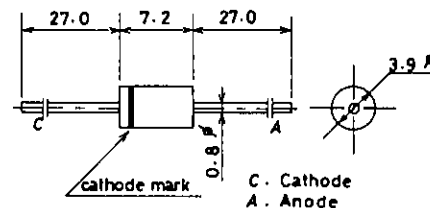
Absolute Maximum Ratings at $T_a = 25^\circ C$

			DSB15TB	DSB15TC	DSB15TE	unit
Peak Reverse Voltage	V_{RM}		-100	-200	-400	V
Average Rectified Current	I_O	$T_a = 60^\circ C$	→	→	1.5	A
Surge Forward Current	I_{FSM}	50Hz sine wave, 1 cycle	→	→	130	A
Junction Temperature	T_j		→	→	150	$^\circ C$
Storage Temperature	T_{stg}		→	-40 to +150		$^\circ C$

			DSB15TG	DSB15TJ	DSB15TL	unit
Peak Reverse Voltage	V_{RM}		-600	-800	-1000	V
Average Rectified Current	I_O	$T_a = 60^\circ C$	→	→	1.5	A
Surge Forward Current	I_{FSM}	50Hz sine wave, 1 cycle	→	→	80	A
Junction Temperature	T_j		→	→	150	$^\circ C$
Storage Temperature	T_{stg}		→	-40 to +150		$^\circ C$

Electrical Characteristics at $T_a = 25^\circ C$

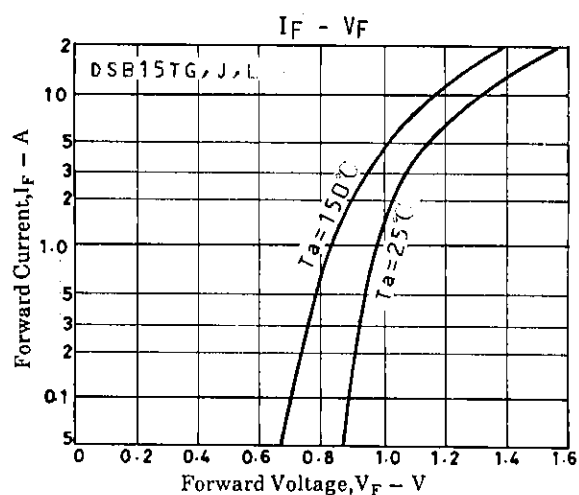
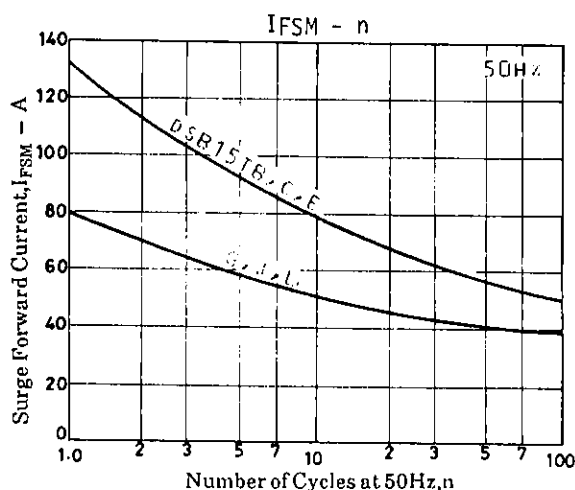
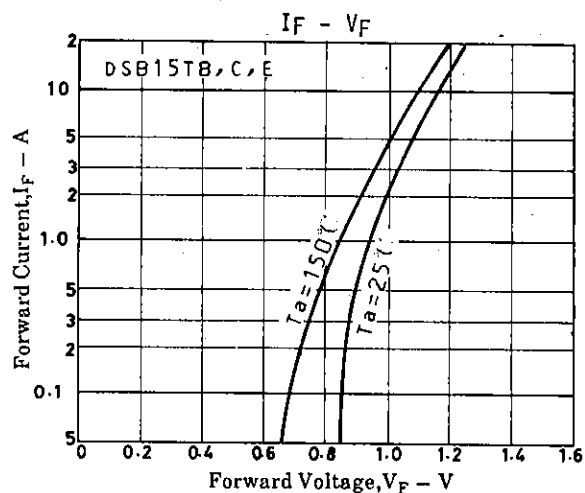
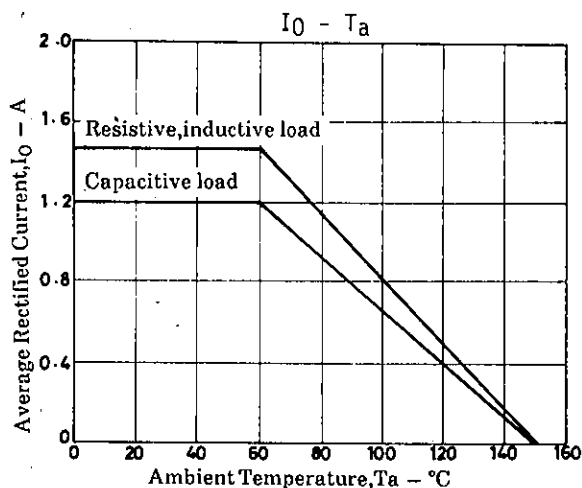
			min	typ	max	unit
Forward Voltage	V_F	$I_F = 1.5A$ (B,C,E)			0.95	V
		$I_F = 1.5A$ (G,J,L)			1.0	V
Reverse Current	I_R	V_R : At each V_{RM}			-10	μA

Package Dimensions 1172
(unit: mm)**SANYO Electric Co., Ltd. Semiconductor Business Headquarters**

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5168TA, TS No.2376-1/2

DSB15T



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