SANYO

No.2376

DSB15T

Diffused Junction Type Silicon Diode

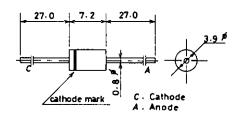
1.5A Power Rectifier

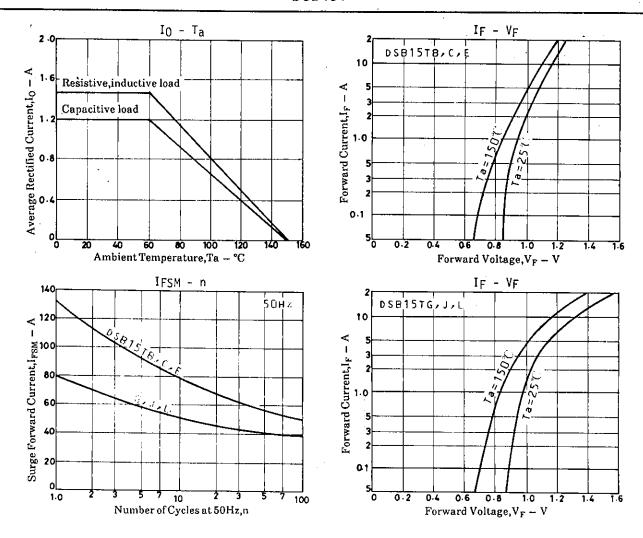
Features

- · Plastic molded structure
- \cdot Peak reverse voltage $V_{RM} = -100 \text{ to } -1000 \text{V}$
- · Average rectified current $I_0 = 1.5A$

Absolute Maximum Ratings at Ta = 25°C Peak Reverse Voltage V _{RM}			DSB15TB 100	DSB15TC - 200	DSB15TE - 400	unit V
Average Rectified Current	Io	Ta = 60°C	·	→	1.5	À
Surge Forward Current	I _{FSM}	50Hz sine wave, 1 cycle	→	\rightarrow	130	A
Junction Temperature	Tj	•	→	→	150	°C
Storage Temperature	Tstg		\rightarrow	4	40 to + 150	°C
			DSB15TG	DCD1ETT I	DCD15mt	
Dools Dansons Walters	7.7			DSB15TJ	DSB15TL	
Peak Reverse Voltage	V_{RM}		-600	<u>~</u> 800	-1000	V
Average Rectified Current	I_{O}	Ta = 60°C	\rightarrow	· ->	1.5	Α
Surge Forward Current	I_{FSM}	50Hz sine wave, 1 cycle	→	\rightarrow	80	A
Junction Temperature	Tj	<i>J</i> 	→	→	150	°C
Storage Temperature	Tstg		<i>,</i>	•	100 to + 150	°Č
Electrical Characteristics at Ta = 25°C min typ max unit						
		=		min t	typ max	unit
Forward Voltage	$ m V_F$	$I_F = 1.5A (B,C,E)$			0.95	V
		$I_F = 1.5A (G,J,L)$			1.0	V
Reverse Current	$I_{\mathbf{R}}$	V_R : At each V_{RM}			-10	μΑ

Package Dimensions 1172 (unit: mm)





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