

<b>SANYO</b>	No.2372	<b>DSA12T</b>
		Diffused Junction Type Silicon Diode 1.2A Power Rectifier

**Features**

- Plastic molded structure
- Peak reverse voltage  $V_{RM} = -100$  to  $-1000V$
- Average rectified current  $I_O = 1.2A$

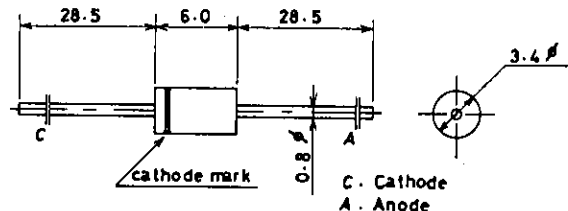
**Absolute Maximum Ratings at  $T_a = 25^\circ C$** 

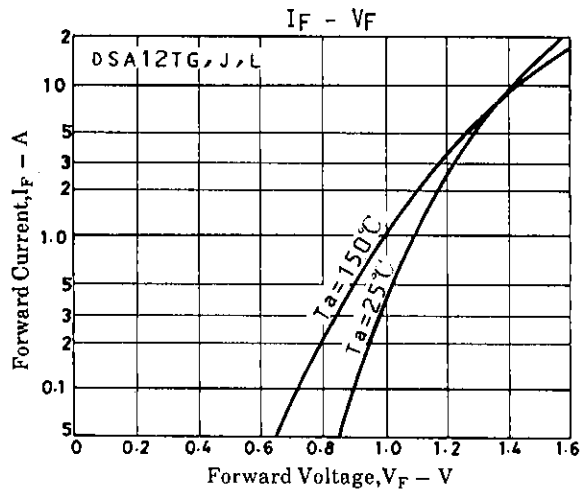
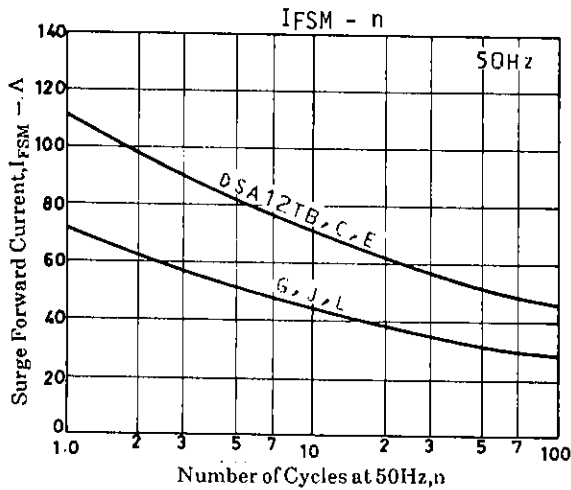
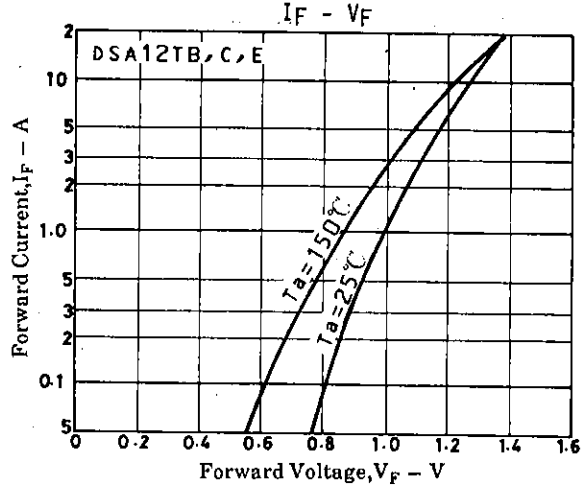
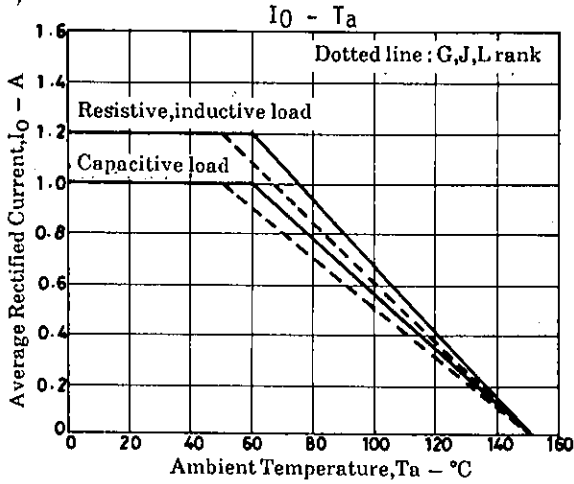
			DSA12TB	DSA12TC	DSA12TE	unit
Peak Reverse Voltage	$V_{RM}$		-100	-200	-400	V
Average Rectified Current	$I_O$	$T_a = 60^\circ C$	→	→	1.2	A
Surge Forward Current	$I_{FSM}$	50Hz sine wave, 1 cycle	→	→	110	A
Junction Temperature	$T_j$		→	→	150	$^\circ C$
Storage Temperature	$T_{stg}$		→	→	-40 to +150	$^\circ C$

			DSA12TG	DSA12TJ	DSA12TL	unit
Peak Reverse Voltage	$V_{RM}$		-600	-800	-1000	V
Average Rectified Current	$I_O$	$T_a = 50^\circ C$	→	→	1.2	A
Surge Forward Current	$I_{FSM}$	50Hz sine wave, 1 cycle	→	→	70	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	$V_F$	$I_F = 1.2A$ (B,C,E) $I_F = 1.2A$ (G,J,L)			1.0	V
Reverse Current	$I_R$	$V_R$ : At each $V_{RM}$			1.1	V
					-10	$\mu A$

**Package Dimensions 1083**  
(unit: mm)



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