

	No.2372	DSA12T
		Diffused Junction Type Silicon Diode 1.2A Power Rectifier

Features

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

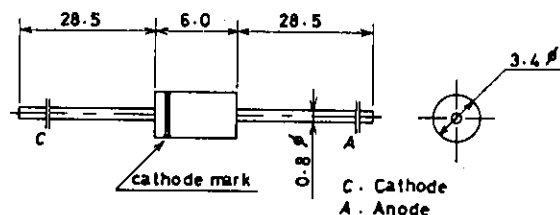
Absolute Maximum Ratings at $T_a = 25^\circ C$

			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	$^\circ C$

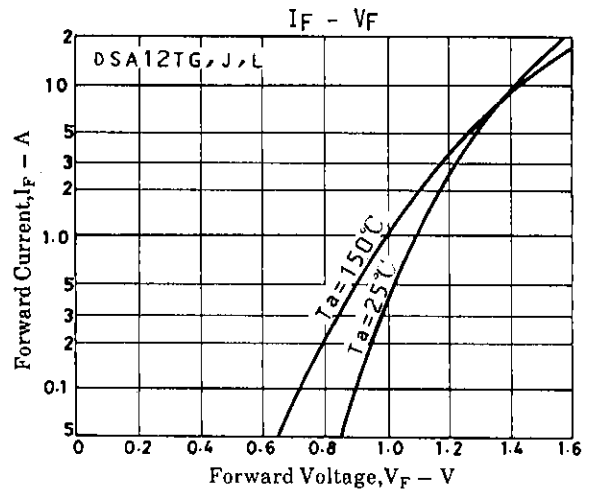
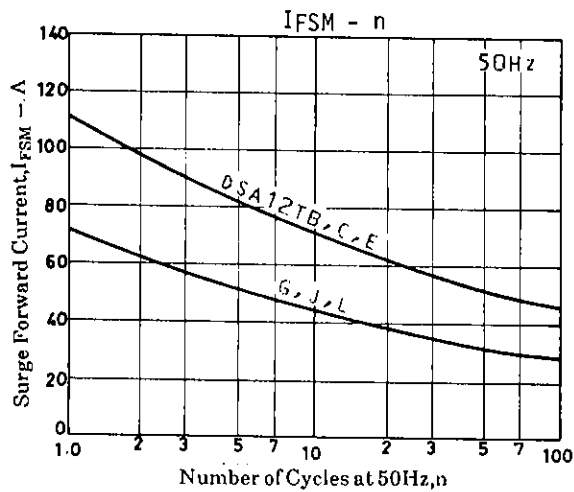
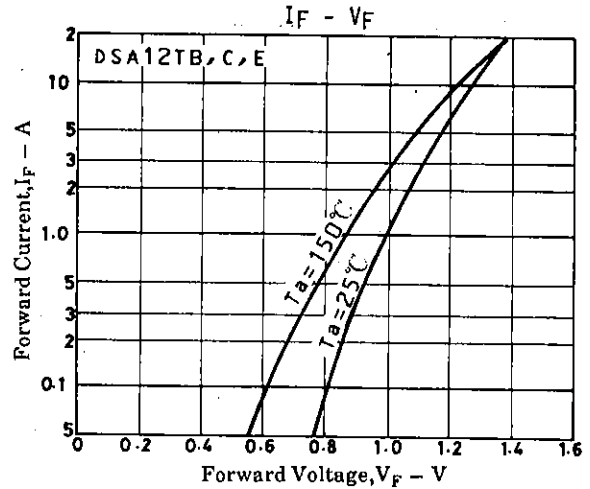
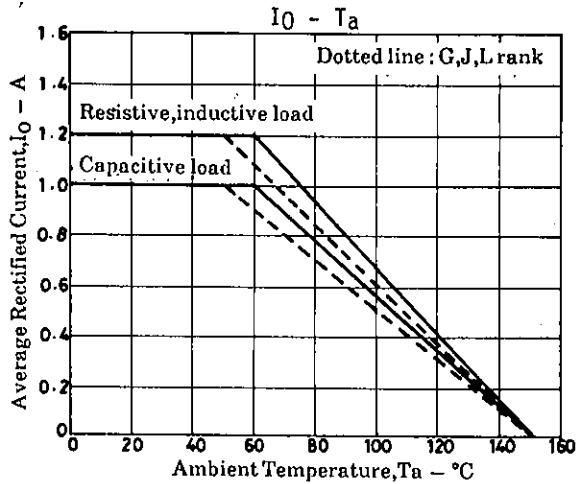
			DSA12TG	DSA12TJ	DSA12TL	unit
Peak Reverse Voltage	V_{RM}		-600	-800	-1000	V
Average Rectified Current	I_O	$T_a = 50^\circ C$	→	→	1.2	A
Surge Forward Current	I_{FSM}	50Hz sine wave, 1 cycle	→	→	70	A
Junction Temperature	T_j		→	→	150	$^\circ C$
Storage Temperature	T_{stg}		→	→	-40 to +150	$^\circ C$

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

			min	typ	max	unit
Forward Voltage	V_F	$I_F = 1.2A$ (B,C,E)			1.0	V
		$I_F = 1.2A$ (G,J,L)			1.1	V
Reverse Current	I_R	V_R : At each V_{RM}			-10	μA

Package Dimensions 1083
(unit: mm)

DSA12T



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