

SANYO	No.2523A	DSF10T
		Diffused Junction Type Silicon Diode
1.0A Power Rectifier		

Features

- Meets automatic mounting requirements.
- Plastic molded structure (small size).
- Peak reverse voltage : $V_{RM} = 100$ to $1000V$.
- Average rectified current : $I_O = 1.0A$.

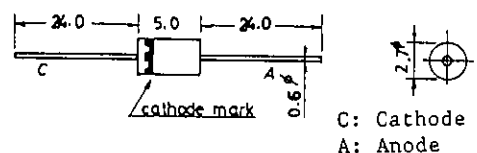
Absolute Maximum Ratings at $T_a = 25^\circ C$

			DSF10TB	DSF10TE	DSF10TG	unit
Peak Reverse Voltage	V_{RM}		100	400	600	V
Average Rectified Current	I_O	$T_a = 25^\circ C$	→	→	1.0	A
Surge Forward Current	I_{FSM}	50Hz sine wave, 1 cycle	→	→	45	A
Junction Temperature	T_j		→	→	150	$^\circ C$
Storage Temperature	T_{stg}		→	→	-40 to +150	$^\circ C$

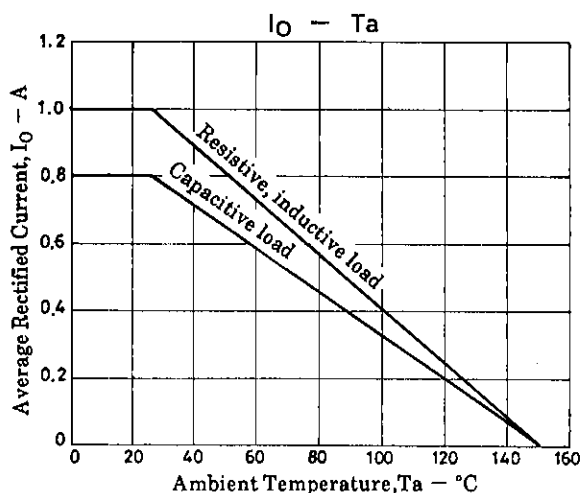
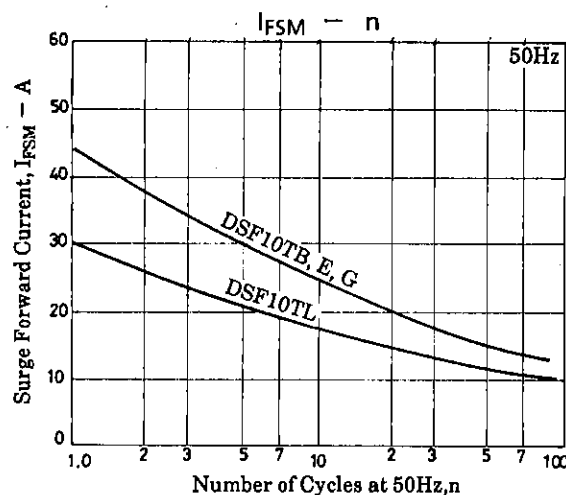
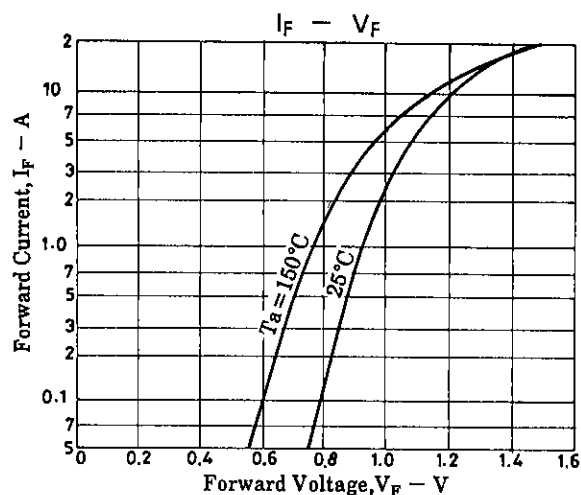
				DSF10TL	unit
Peak Reverse Voltage	V_{RM}			1000	V
Average Rectified Current	I_O	$T_a = 25^\circ C$		1.0	A
Surge Forward Current	I_{FSM}	50Hz sine wave, 1 cycle		30	A
Junction Temperature	T_j			150	$^\circ C$
Storage Temperature	T_{stg}			-40 to +150	$^\circ C$

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

			min	typ	max	unit
Forward Voltage	V_F	$I_F = 1.0A$			1.0	V
Reverse Current	I_R	V_R : At each V_{RM}			10	μA

Package Dimensions 1004A
(unit : mm)

DSF10T



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