

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 : IO=1.0A.

Specifications

Absolute Maximum Ratings at Ta=25°C

Parameter	Symbol	Conditions	DSF10TB	DSF10TC	DSF10TE	Unit		
Peak Reverse Voltage	VRM		100	200	400	V		
Average Rectified Current	IO	Ta=25°C		1.0				
Surge Forward Current	IFSM	50Hz sine wave, 1cycle		45				
Junction Temperature	Tj			°C				
Storage Temperature	Tstg			-40 to +150				
Parameter	Symbol	Conditions	DSF10TG	DSF10TJ	DSF10TL	Unit		
Peak Reverse Voltage	VRM		600	800	1000	V		
Average Rectified Current	lO	Ta=25°C		1.0				
Surge Forward Current	IFSM	50Hz sine wave, 1cycle	45	30	Α			
Junction Temperature	Tj			150				
Storage Temperature	Tstg			-40 to +150				

Electrical Characteristics at Ta=25°C

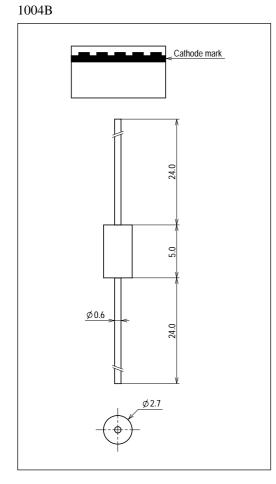
Deremeter	Symbol	Conditions	Ratings			Unit
Parameter			min	typ	max	Unit
Forward Voltage	VF	IF=1.0A			1.0	V
Reverse Current	IR	V _R : At each V _{RM}			10	μA

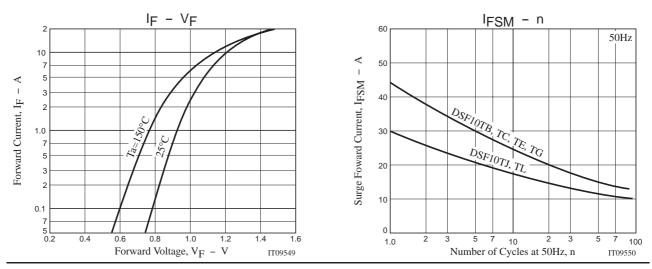
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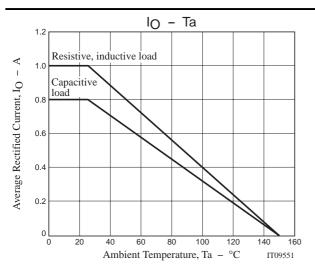
SANYO Electric Co., Ltd. Semiconductor Company TOKYO OFFICE Tokyo Bldg., 1-10, 1 Chome, Ueno, Taito-ku, TOKYO, 110-8534 JAPAN

Package Dimensions

unit : mm







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