Ordering number : EN2407

SANYO No.2407

DSC30T

Diffused Junction Type Silicon Diode

3.0A POWER RECTIFIER

Features

- Peak reverse voltage V_{RM}=-100 to -1000V
- Average rectified current Io=3.0A

Absolute Maximum Ratings at Ta=25°C

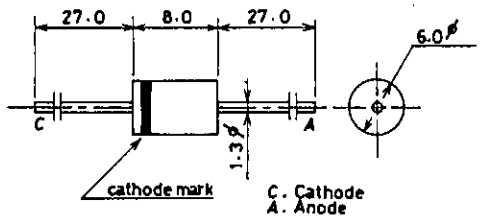
			DSC30TB	DSC30TC	DSC30TE	unit
Peak Reverse Voltage	V_{RM}		-100	-200	-400	V
Average Rectified Current	Io	Ta=50°C	→	→	3.0	A
Surge Forward Current	I_{FSM}	50Hz sine wave, 1 cycle	→	→	180	A
Junction Temperature	Tj		→	→	150	°C
Storage Temperature	Tstg			-40 to +150		°C

			DSC30TG	DSC30TJ	DSC30TL	unit
Peak Reverse Voltage	V_{RM}		-600	-800	-1000	V
Average Rectified Current	Io	Ta=50°C	→	→	3.0	A
Surge Forward Current	I_{FSM}	50Hz sine wave, 1 cycle	→	→	130	A
Junction Temperature	Tj		→	→	150	°C
Storage Temperature	Tstg		→	-40 to +150		°C

Electrical Characteristics at Ta=25°C

			min	typ	max	unit
Forward Voltage	V_F	I_F=3.0A(B,C,E)			1.0	V
		I_F=3.0A(G,J,L)			1.1	V
Reverse Current	I_R	V_R: At each V_{RM}			-10	uA

Package Dimensions 1176
(unit: mm)



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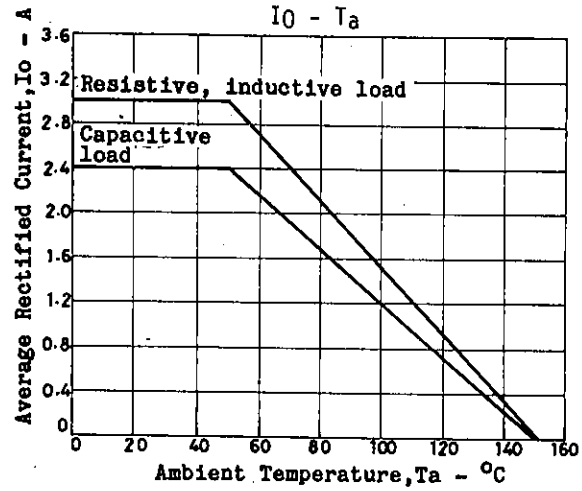

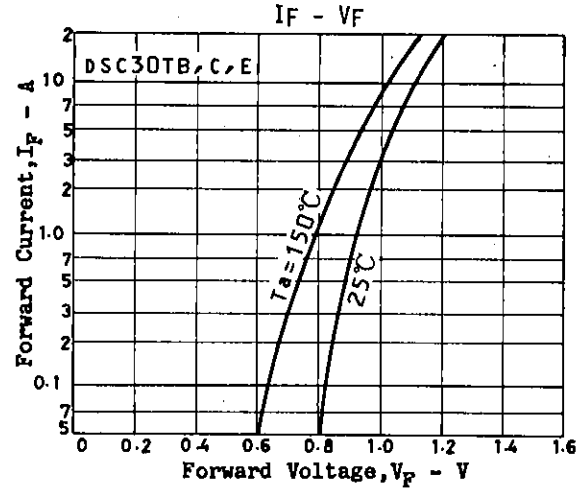

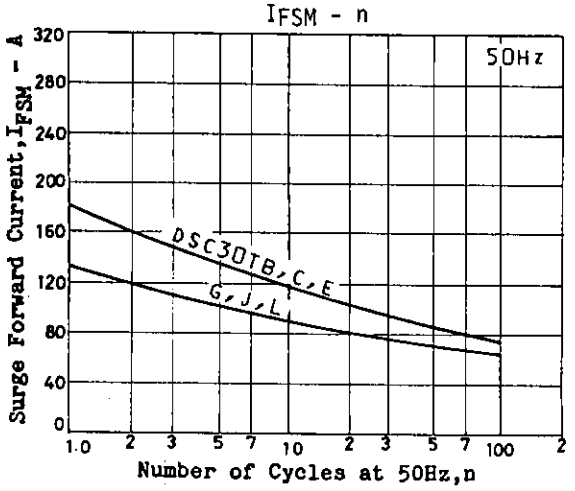

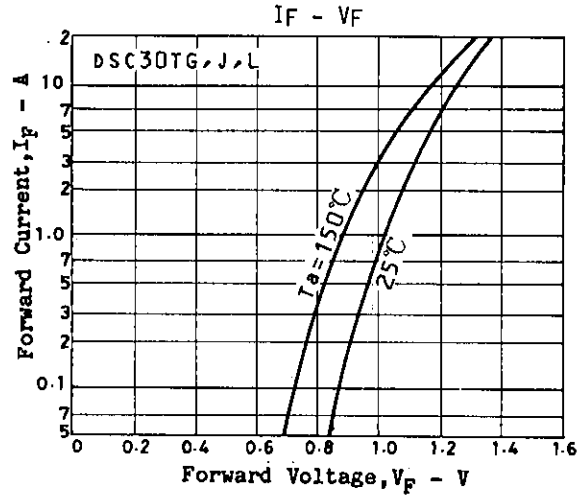

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