

SANYO

No.2855A

DSK10Diffused Junction Type Silicon Diode
Designed for 5mm-pitch Automatic Insertion**1.0A Power Rectifier****Features**

- Designed for 5mm-pitch automatic insertion.
- Small plastic molded structure (3mm body).
- Peak reverse voltage : 100 to 1000V.
- Average rectified current : 1.0A.

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

			DSK10B	DSK10E	unit
Peak Reverse Voltage	V_{RM}		100	400	V
Average Rectified Current	I_O		→	1.0	A
Surge Forward Current	I_{FSM}	50Hz sine wave, 1 cycle	→	45	A
Junction Temperature	T_j		→	150	$^\circ\text{C}$
Storage Temperature	T_{stg}		→	-40 to +150	$^\circ\text{C}$

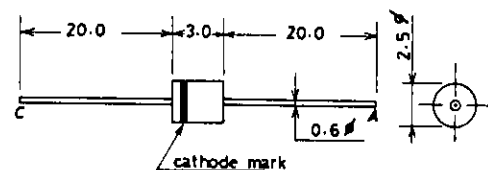
			DSK10G	DSK10L	unit
Peak Reverse Voltage	V_{RM}		600	1000	V
Average Rectified Current	I_O	$T_a = 50^\circ\text{C}$	→	1.0	A
Surge Forward Current	I_{FSM}	50Hz sine wave, 1 cycle	→	30	A
Junction Temperature	T_j		→	150	$^\circ\text{C}$
Storage Temperature	T_{stg}		→	-40 to +150	$^\circ\text{C}$

Electrical Characteristics at $T_a = 25^\circ\text{C}$

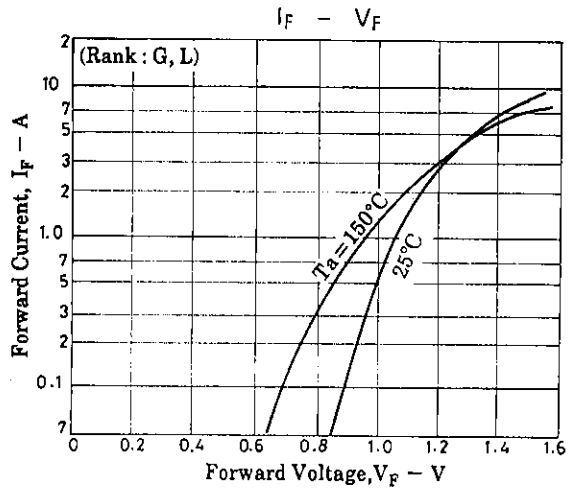
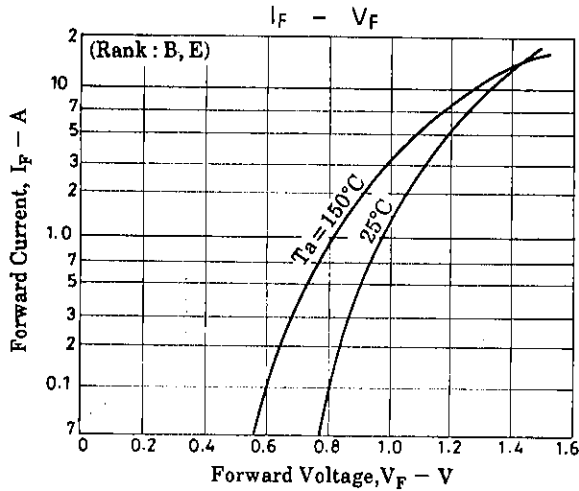
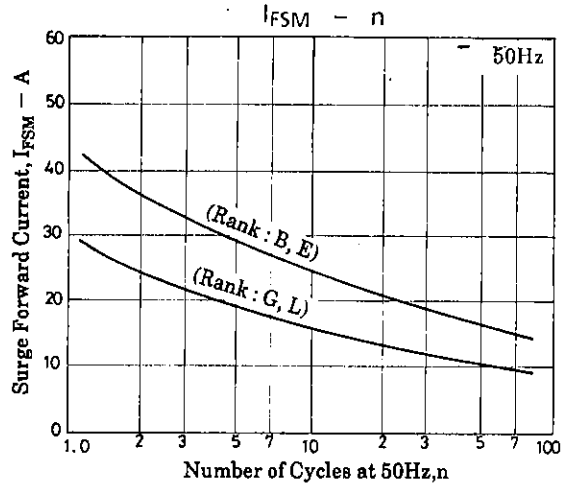
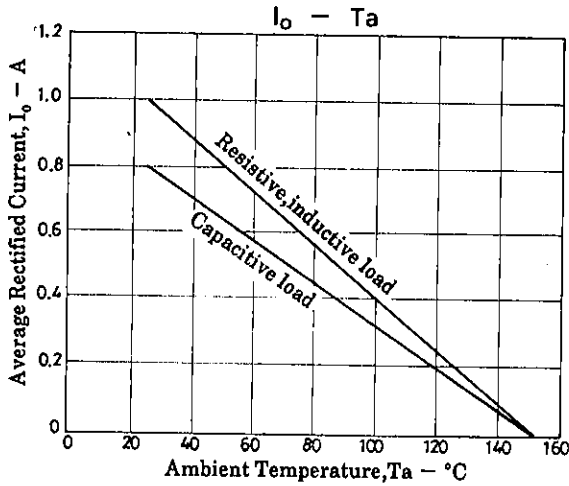
			min	typ	max	unit
Forward Voltage	V_F	$I_F = 1.0\text{A (B,E)}$			1.1	V
		$I_F = 1.0\text{A (G,L)}$			1.2	V
Reverse Current	I_R	V_R : At each V_{RM}			10	μA

Package Dimensions 1168

(unit : mm)

C: Cathode
A: Anode**SANYO Electric Co., Ltd. Semiconductor Business Headquarters**

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