

SANYO	No.2855A	DSK10
		Diffused 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 Ta = 25°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	°C
Storage Temperature	T_{stg}	→	-40 to +150	°C

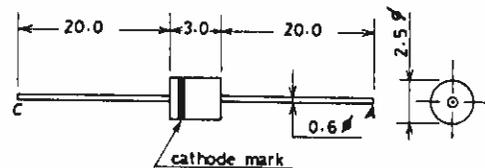
		DSK10G	DSK10L	unit
Peak Reverse Voltage	V_{RM}	600	1000	V
Average Rectified Current	I_O Ta = 50°C	→	1.0	A
Surge Forward Current	I_{FSM} 50Hz sine wave, 1 cycle	→	30	A
Junction Temperature	T_j	→	150	°C
Storage Temperature	T_{stg}	→	-40 to +150	°C

Electrical Characteristics at Ta = 25°C

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

Package Dimensions 1168

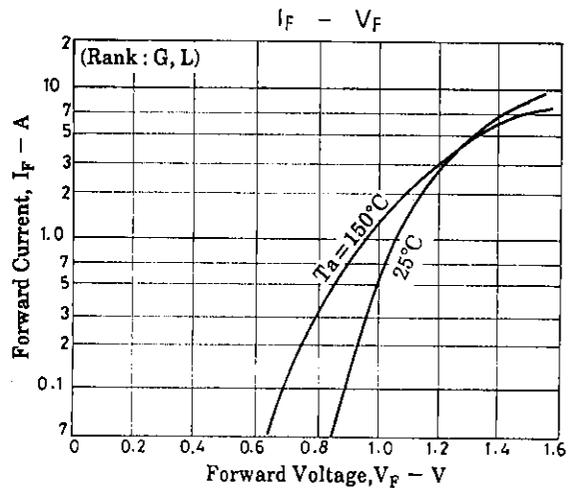
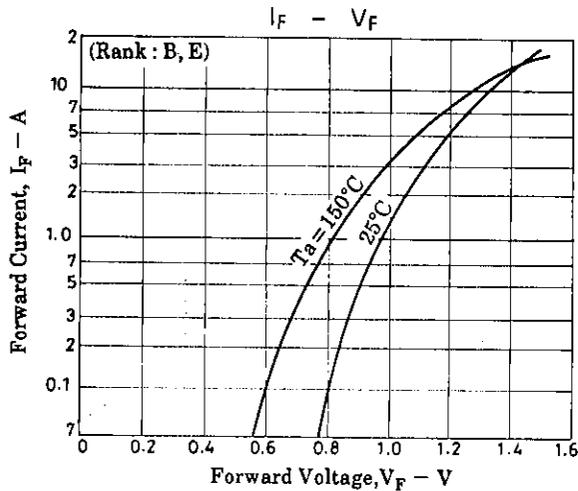
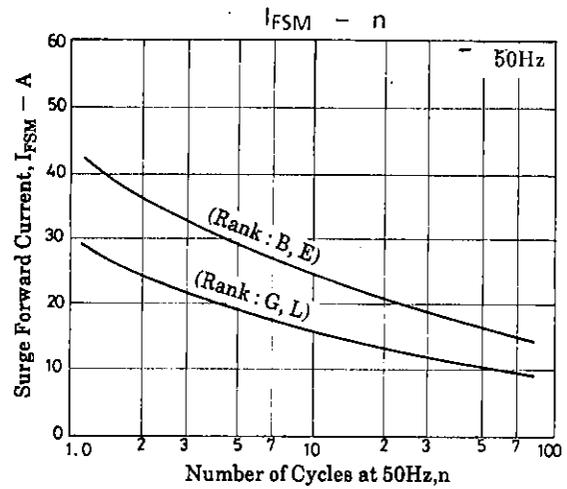
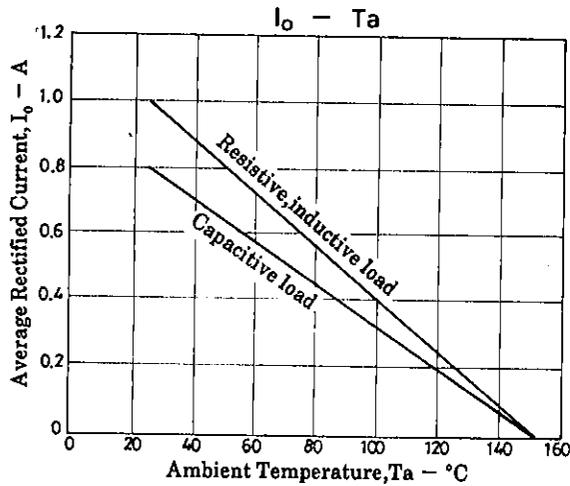
(unit : mm)



C: Cathode
A: Anode



DSK10



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