

<b>SANYO</b>	No.633D	<b>DSA17</b>
		Diffused Junction Type Silicon Diode 1.7A Power Rectifier

**Features**

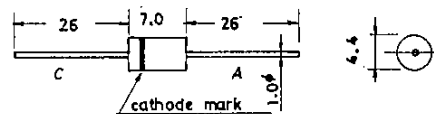
- Plastic molded type
- High reliability attained by glass passivation
- Peak reverse voltage  $V_{RM} = -100$  to  $-400V$
- Average rectified current  $I_O = 1.7A$

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

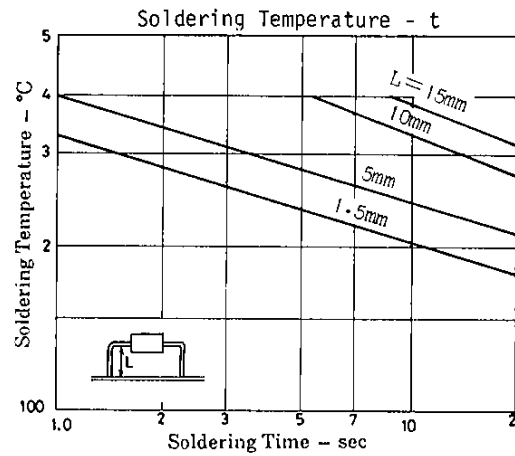
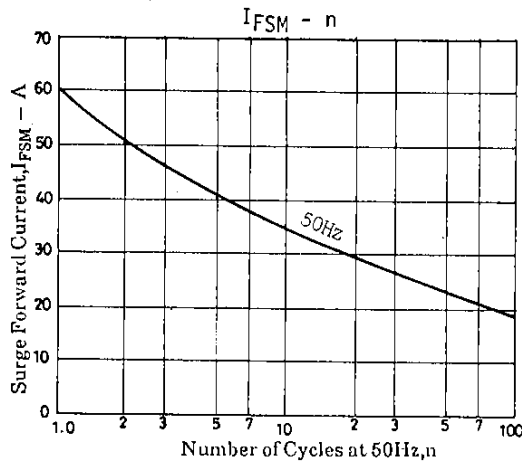
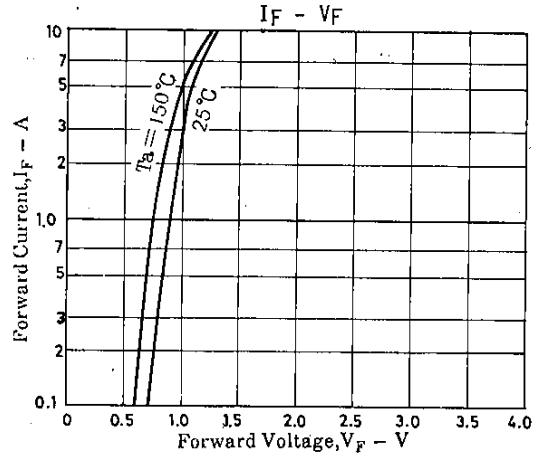
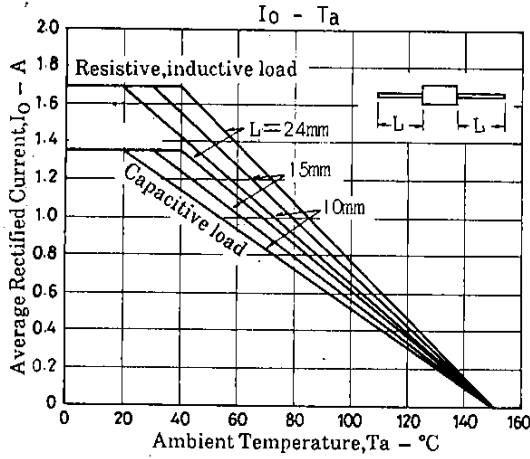
			DSA17B	DSA17C	DSA17E	unit
Peak Reverse Voltage	$V_{RM}$		-100	-200	-400	V
Average Rectified Current	$I_O$	$T_a = 40^\circ C$	→	→	1.7	A
Surge Forward Current	$I_{FSM}$	50Hz sine wave, 1 cycle	→	→	60	A
Junction Temperature	$T_j$		→	→	150	$^\circ C$
Storage Temperature	$T_{stg}$		→	-30 to +150		$^\circ C$

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

			min	typ	max	unit
Forward Voltage	$V_F$	$I_F = 1.7A$			1.05	V
Reverse Current	$I_R$	$V_R$ : At each $V_{RM}$			-10	$\mu A$

**Package Dimensions 1085**  
(unit: mm)

C: Cathode  
A: Anode



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