



1.7A Power Rectifier

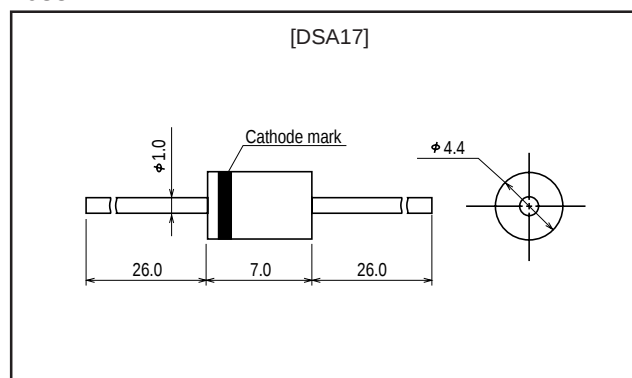
Features

- Plastic molded structure.
- Glass passivation for high reliability.
- Peak reverse voltage : $V_{RM}=200, 600V$.
- Average rectified current : $I_O=1.7A$.

Package Dimensions

unit : mm

1085



Specifications

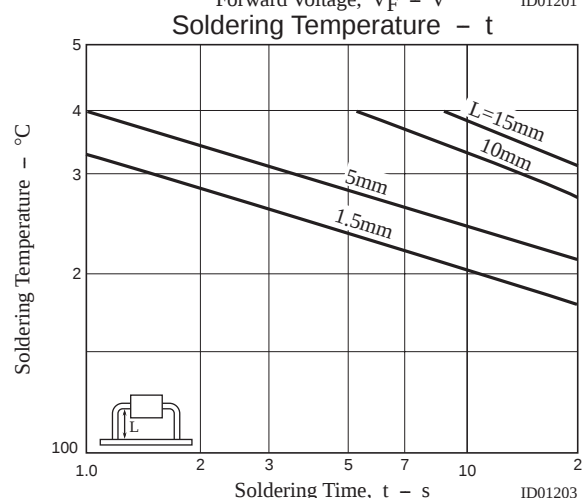
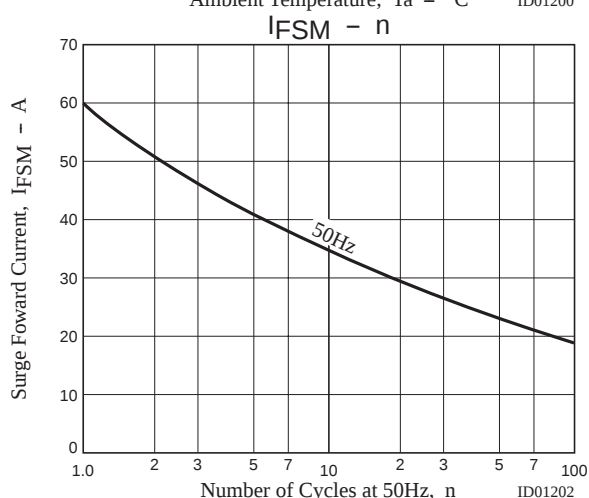
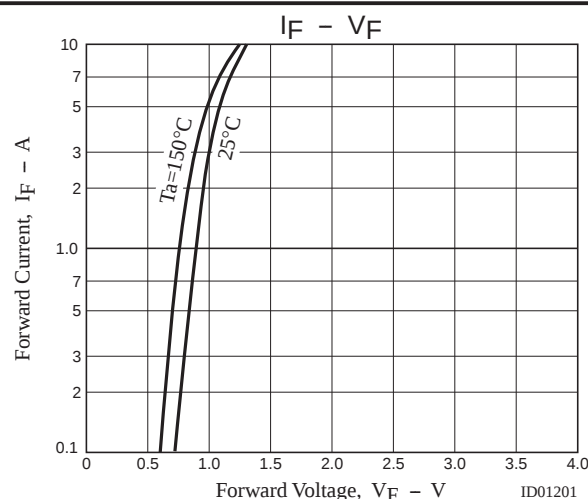
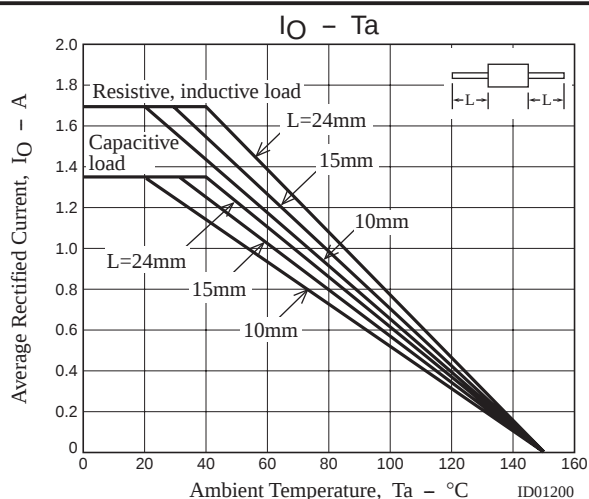
Absolute Maximum Ratings at $T_a=25^\circ C$

Parameter	Symbol	Conditions	DSA17C	DSA17G	Unit
Peak Reverse Voltage	V_{RM}		200	600	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 $T_a=25^\circ C$

Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Forward Voltage	V_F	$I_F=1.7A$			1.05	V
Reverse Current	I_R	V_R : At each V_{RM}			10	μA

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