



1.7A Power Rectifier

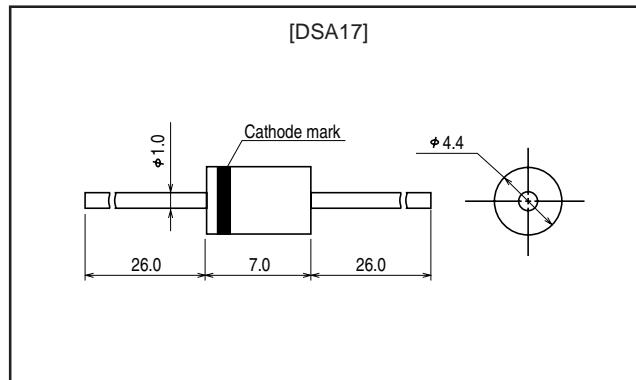
Features

- Plastic molded structure.
- Glass passivation for high reliability.
- Peak reverse voltage : VRM=200, 600V.
- Average rectified current : IO=1.7A.

Package Dimensions

unit : mm

1085



Specifications

Absolute Maximum Ratings at Ta=25°C

Parameter	Symbol	Conditions	DSA17C	DSA17G	Unit
Peak Reverse Voltage	VRM		200	600	V
Average Rectified Current	IO	Ta=40°C	→	1.7	A
Surge Forward Current	IFSM	50Hz sine wave, 1 cycle	→	60	A
Junction Temperature	Tj		→	150	°C
Storage Temperature	Tstg		→	-30 to +150	°C

Electrical Characteristics at Ta=25°C

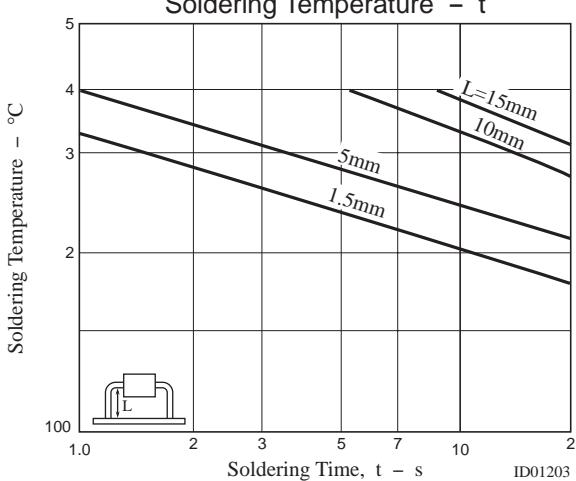
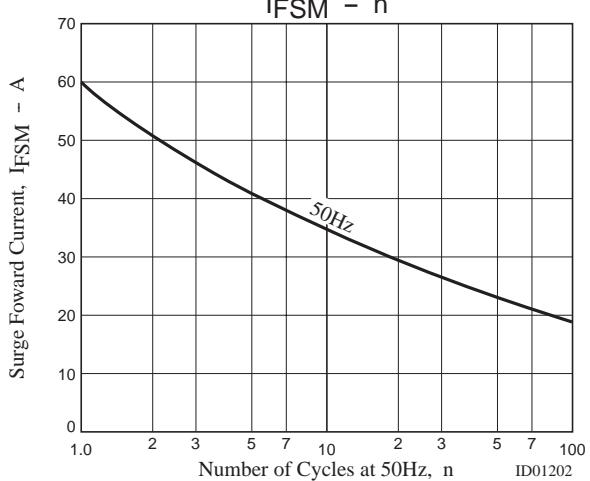
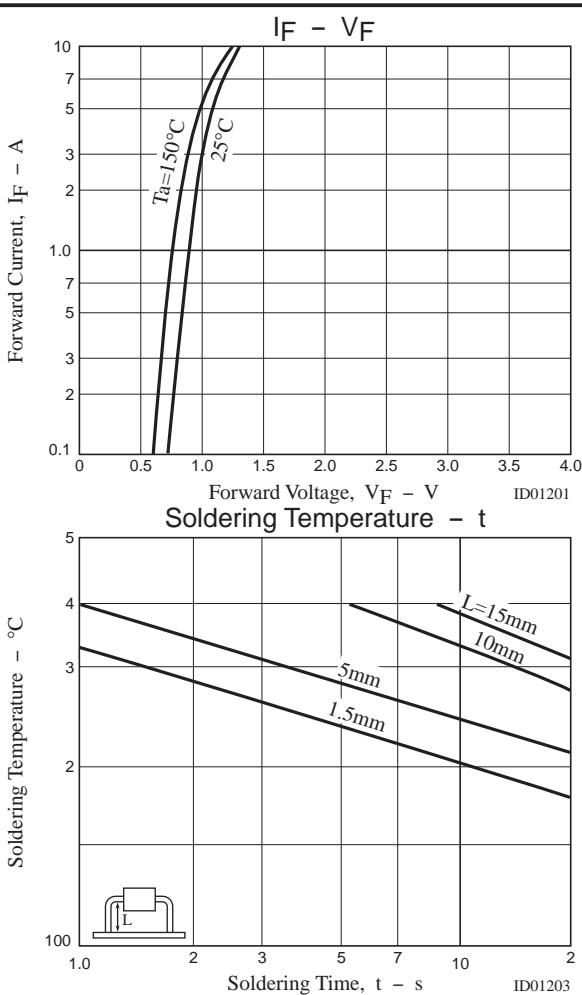
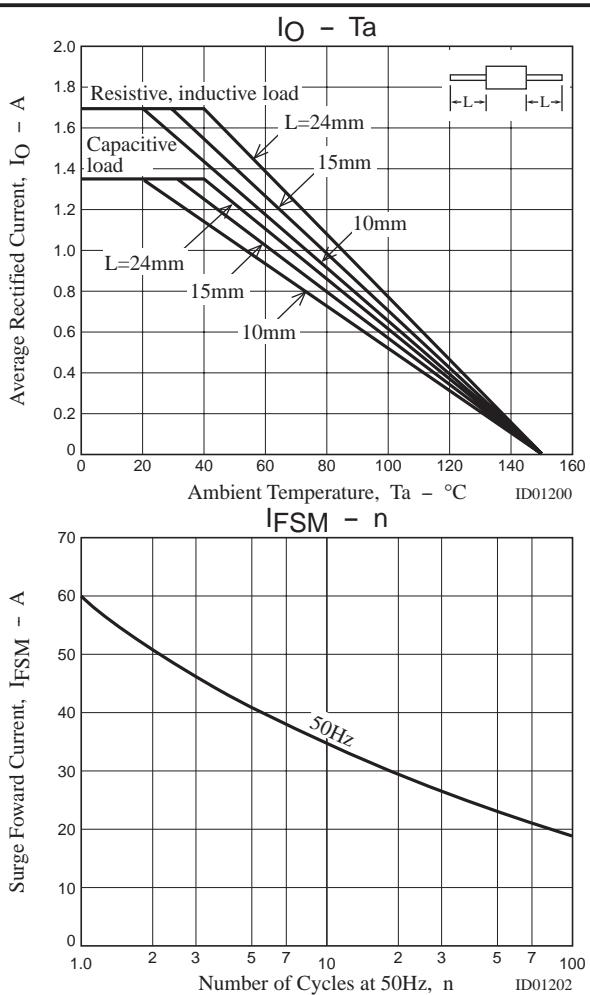
Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Forward Voltage	VF	IF=1.7A			1.05	V
Reverse Current	IR	VR : At each VRM			10	µA

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