

**DSA10**

Diffused Junction Type Silicon Diode

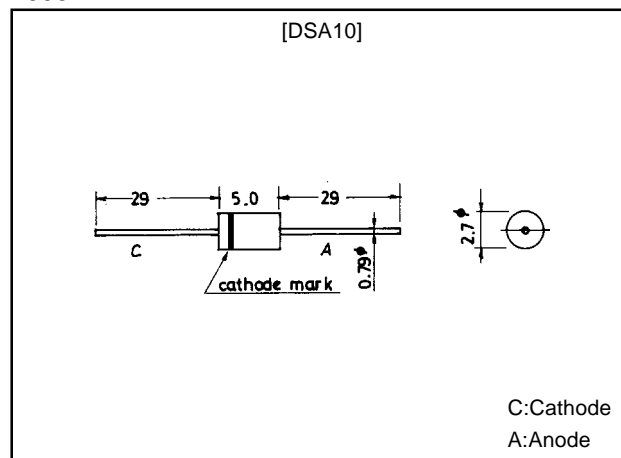
**1.0A Power Rectifier****Features**

- Plastic molded type.
- Peak Reverse Voltage :  $V_{RM}=600$  to  $1000V$
- Average Rectified Current :  $I_O=1A$ .

**Package Dimensions**

unit:mm

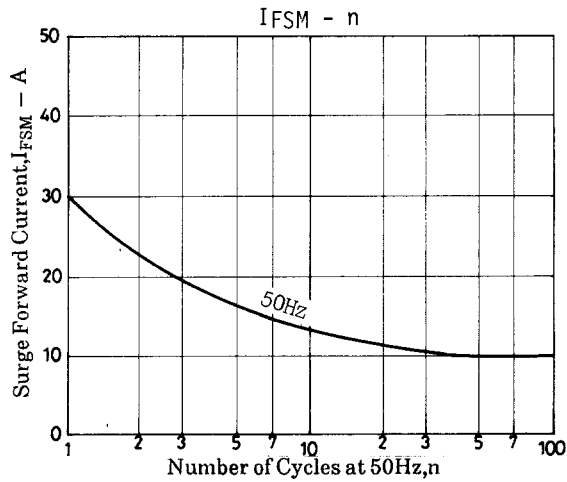
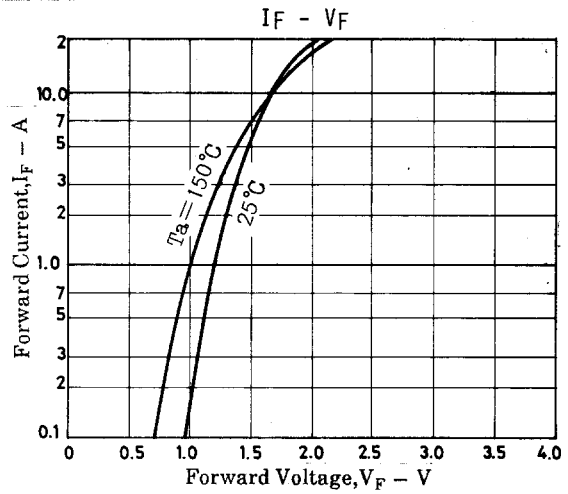
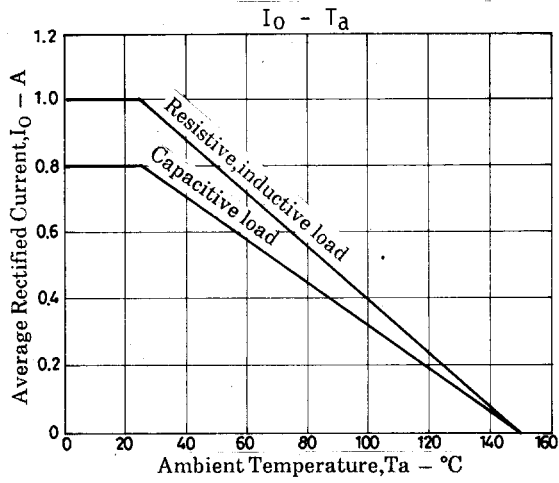
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**Specifications****Absolute Maximum Ratings at  $T_a = 25^\circ C$** 

Parameter	Symbol	Conditions	DSA10G	DSA10J	DSA10L	Unit
Peak Reverse Voltage	$V_{RM}$		600	800	1000	V
Average Rectified Current	$I_O$	$T_a=25^\circ C$	→	→	1.0	A
Surge Forward Current	$I_{FSM}$	50Hz sine wave, 1 cycle	→	→	30	A
Junction Temperature	$T_J$		→	→	150	$^\circ C$
Storage Temperature	$T_{stg}$		→	→	-40 to +150	$^\circ C$

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

Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	
Forward Voltage	$V_F$	$I_F=1.0A$			1.2	V
Reverse Current	$I_R$	$V_R$ :At each $V_{RM}$			10	$\mu A$



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