

<b>SANYO</b>	No.2408	<b>DSA20T</b>
		Diffused Junction Type Silicon Diode 2.0A Power Rectifier

**Features**

- Peak reverse voltage  $V_{RM} = -100$  to  $-1000V$
- Average rectified current  $I_O = 2.0A$

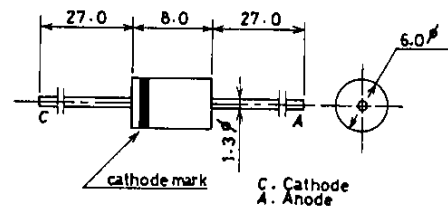
**Absolute Maximum Ratings at  $T_a = 25^\circ C$** 

			DSA20TB	DSA20TC	DSA20TE	unit
Peak Reverse Voltage	$V_{RM}$		-100	-200	-400	V
Average Rectified Current	$I_O$	$T_a = 70^\circ C$	→	→	2.0	A
Surge Forward Current	$I_{FSM}$	50Hz sine wave, 1 cycle	→	→	160	A
Junction Temperature	$T_j$		→	→	150	$^\circ C$
Storage Temperature	$T_{stg}$		→	→	-40 to +150	$^\circ C$

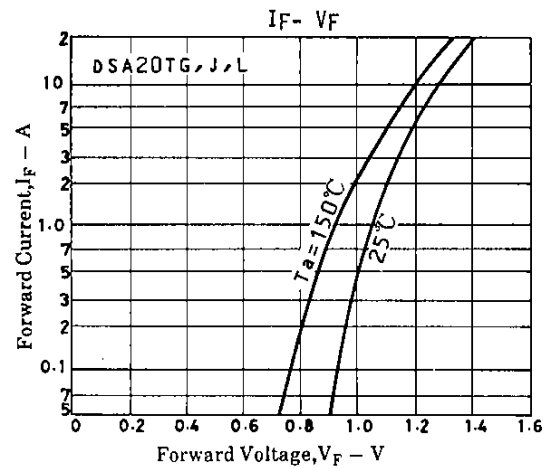
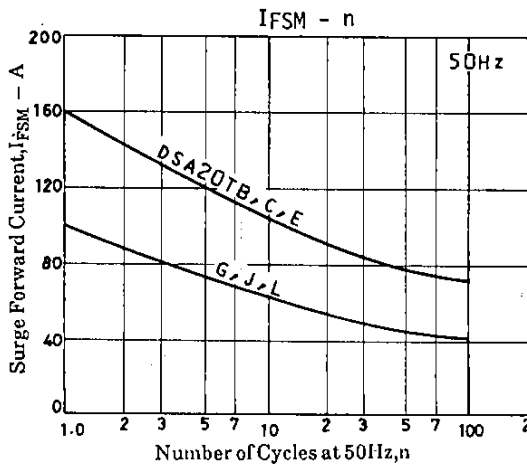
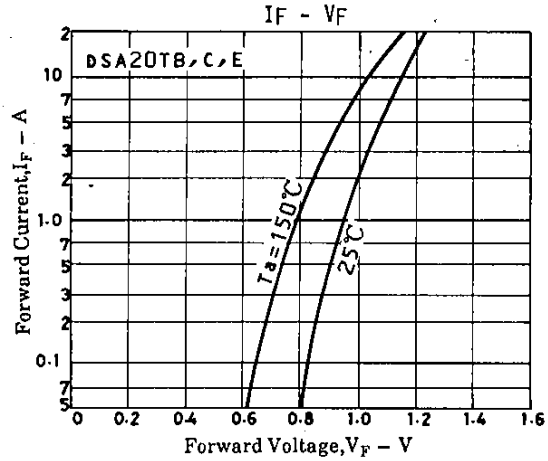
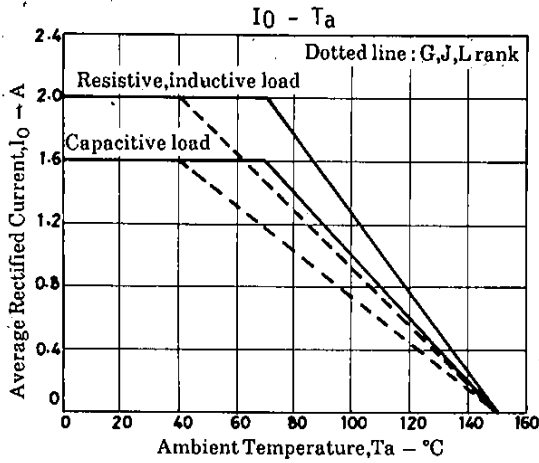
			DSA20TG	DSA20TJ	DSA20TL	unit
Peak Reverse Voltage	$V_{RM}$		-600	-800	-1000	V
Average Rectified Current	$I_O$	$T_a = 40^\circ C$	→	→	2.0	A
Surge Forward Current	$I_{FSM}$	50Hz sine wave, 1 cycle	→	→	100	A
Junction Temperature	$T_j$		→	→	150	$^\circ C$
Storage Temperature	$T_{stg}$		→	→	-40 to +150	$^\circ C$

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

			min	typ	max	unit
Forward Voltage	$V_F$	$I_F = 2.0A$ (B,C,E,)			1.0	V
		$I_F = 2.0A$ (G,J,L)			1.1	V
Reverse Current	$I_R$	$V_R$ : At each $V_{RM}$			-10	$\mu A$

**Package Dimensions 1176**  
(unit: mm)

# DSA20T



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