

<b>SANYO</b>	No.710D	<b>DS-135</b>
		Diffused Junction Type Silicon Diode <b>1.0A Power Rectifier</b>

**Features**

- Plastic molded type
- Peak reverse voltage  $V_{RM} = -100$  to  $-400V$
- Average rectified current  $I_O = 1.0A$

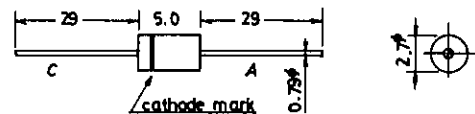
**Absolute Maximum Ratings at  $T_a = 25^\circ C$**

			DS135E	DS135D	DS135C	unit
Peak Reverse Voltage	$V_{RM}$		-100	-200	-400	V
Average Rectified Current	$I_O$	$T_a = 60^\circ C$	→	→	1.0	A
Surge Forward Current	$I_{FSM}$	50Hz sine wave, 1 cycle	→	→	50	A
Junction Temperature	$T_j$		→	→	150	$^\circ C$
Storage Temperature	$T_{stg}$		→	→	-40 to +150	$^\circ C$

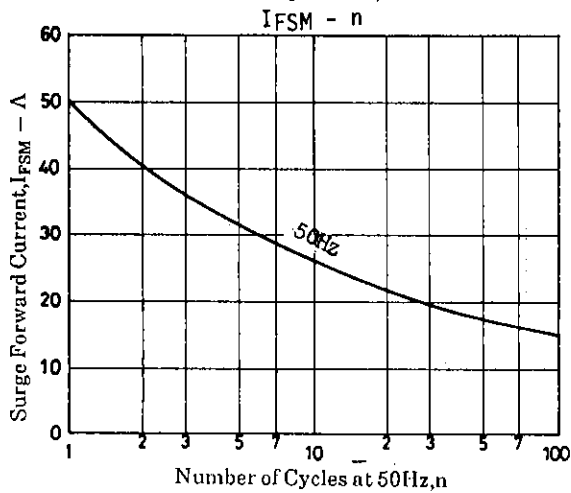
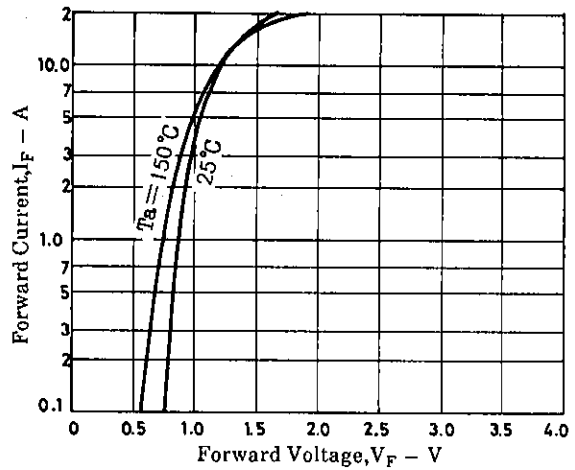
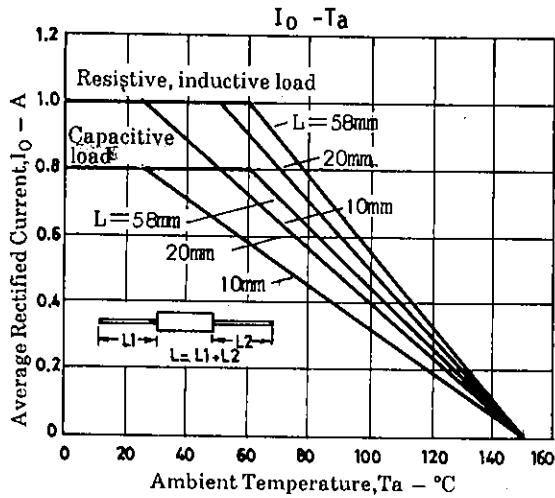
**Electrical Characteristics at  $T_a = 25^\circ C$**

				min	typ	max	unit
Forward Voltage	$V_F$	$I_F = 1.0A$				1.0	V
Reverse Current	$I_R$	$V_R$ : At each $V_{RM}$				-10	$\mu A$

**Package Dimensions 1005**  
(unit: mm)



C: Cathode  
A: Anode



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