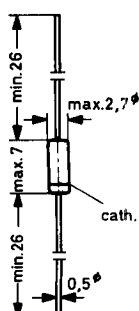


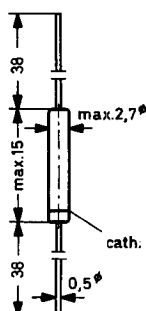
Silicon Planar Diodes in "double-plug" DO-35 and DO-7 glass encapsulations

Type	Maximum Ratings	Characteristics at $T_{amb}=25^{\circ}\text{C}$										
		$\begin{matrix} @ \\ T_{amb} = \\ 25^{\circ}\text{C} \end{matrix}$					$\begin{matrix} @ \\ T_{amb} = \\ 25^{\circ}\text{C} \end{matrix}$					$\begin{matrix} @ \\ T_{case} = 25^{\circ}\text{C} \end{matrix}$
DO-35	DO-7	V_R V	V_{RM} V	I_O mA	P_{tot} mW	T_i $^{\circ}\text{C}$	I_R nA	$\begin{matrix} @ \\ V_R \end{matrix}$ V	V_F V	$\begin{matrix} @ \\ I_F \end{matrix}$ mA	t_{rr} ns	@
	1 N 3062	75	—	—	500	200	< 100	75	< 1	20	< 2	$I_F=10\text{mA}$, $V_R=6\text{V}$; $I_R=60\text{mA}$; $R_L=100\Omega$
	1 N 3065	75	—	—	500	200	< 100	75	< 0,53	0,1	< 4	$I_F=10\text{mA}$, $V_R=1\text{V}$
1 N 4148	1 N 914	75	100	150 ¹	500 ¹	200	< 25	20	< 1	10	< 4	$I_F=10\text{mA}$ to $V_R=6\text{V}$; $I_R=1\text{mA}$; $R_L=100\Omega$
1 N 4150		50	—	150	500	200	< 100	50	< 0,62	1	< 6	$I_F=10\text{mA}$, $I_R=1\text{mA}$
1 N 4151	1 N 3604	50	75	150 ¹	500 ¹	200	< 50	50	< 1	50	< 2	$I_F=10\text{mA}$ to $V_R=6\text{V}$; $I_R=1\text{mA}$; $R_L=100\Omega$
1 N 4154	1 N 4009	25	35	150 ¹	500 ¹	200	< 100	25	< 1	30	< 2	$I_F=10\text{mA}$ to $V_R=6\text{V}$; $I_R=1\text{mA}$; $R_L=100\Omega$
1 N 4446	1 N 914 A	75	100	150 ¹	500 ¹	200	< 25	20	< 1	20	< 4	$I_F=10\text{mA}$ to $V_R=6\text{V}$; $I_R=1\text{mA}$; $R_L=100\Omega$
1 N 4447		75	100	150	500	200	< 5 μA	75	< 1	20	< 4	$I_F=10\text{mA}$, $V_R=6\text{V}$; $R_L=100\Omega$
1 N 4448	1 N 914 B	75	100	150 ¹	500 ¹	200	< 25	20	< 1	100	< 4	$I_F=10\text{mA}$ to $V_R=6\text{V}$; $I_R=1\text{mA}$; $R_L=100\Omega$
1 N 4449		75	100	150	500	200	< 5 μA	75	< 0,73	5	< 4	$I_F=10\text{mA}$, $V_R=6\text{V}$; $R_L=100\Omega$
ITT 600		—	75	200 ¹	500 ¹	150	< 100	50	< 1	200	< 4	$I_F=I_R=10\ldots 200\text{mA}$ to $I_R=0,1 I_F$
ITT 601		—	50	200 ¹	500 ¹	150	< 100	30	< 1	400	< 6	$I_F=10\text{mA}$ to $I_R=10\text{mA}$ to $I_R=1\text{mA}$
ITT 700	1 N 5220	—	30	50 ²	250 ²	150	< 50	15	< 1,1	50	< 0,7	$I_F=10\text{mA}$ to $I_R=10\text{mA}$ to $I_R=1\text{mA}$
ITT 777		—	15	50 ²	250 ²	150	< 100	8	< 1	20	< 0,75	$I_F=10\text{mA}$ to $I_R=10\text{mA}$ to $I_R=1\text{mA}$
ITT 2001		100	—	100	250	175	< 100	50	< 1	100	< 50	$I_F=I_R=30\text{mA}$ to $I_R=3\text{mA}$; $R_L=100\Omega$
ITT 2002	ITT 200	200	—	100	250	175	< 100	150	< 1	100	< 50	$I_F=I_R=30\text{mA}$ to $I_R=3\text{mA}$; $R_L=100\Omega$
ITT 2003		250	—	100	250	175	< 100	150	< 1	100	< 50	$I_F=I_R=30\text{mA}$ to $I_R=3\text{mA}$; $R_L=100\Omega$
ITT 3001		70	—	100	250	175	< 25	60	< 1	100	—	
ITT 3002	ITT 300	150	—	100	250	175	< 1	125	< 1	200	—	
ITT 3003		200	—	100	250	175	< 25	175	< 1	100	—	

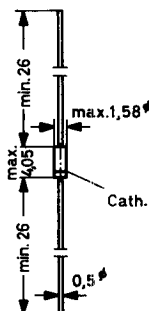
DO-7 Outline
Weight 0.2



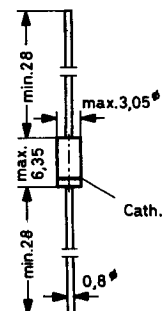
Long Glass Outline
Weight 0,25 p



DO-35
"Double-plug" Outline
Weight 0,1 p



Epoxy Outline
Weight 0.4 p



Dimensions in mm

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