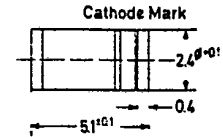
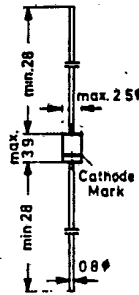


1N4933 ... 1N4936, LL4933 ... LL4936

Fast Silicon Rectifiers

Nominal current **1 A**
 Repetitive peak reverse voltage **50 ... 400 V**

These rectifiers are also available in MELF case with the type designation RM4933 ... RM4936



These rectifiers are delivered taped.
 Details see "Taping".

Glass case JEDEC DO-41
 54 B 2 according to DIN 41 880

Glass case MELF

Weight approx. 0.35 g
 Dimensions in mm

Weight approx. 0.25 g
 Dimensions in mm

Absolute Maximum Ratings

	Symbol	Value	Unit	
Repetitive Peak Reverse Voltage	1N4933, LL4933	V_{RRM}	50	V
	1N4934, LL4934	V_{RRM}	100	V
	1N4935, LL4935	V_{RRM}	200	V
	1N4936, LL4936	V_{RRM}	400	V
Average Rectified Current at $T_A = 50^\circ\text{C}$	I_o	1	A	
Surge Forward Current, Half Cycle 50 Hz, starting from $T_j = 25^\circ\text{C}$	I_{FSM}	30	A	
Ambient Operating Temperature Range	T_{amb}	-65 to +175	$^\circ\text{C}$	
Storage Temperature Range	T_s	-65 to +200	$^\circ\text{C}$	

Characteristics

	Symbol	Min.	Typ.	Max.	Unit
Forward Voltage at $I_F = 1\text{ A}$, $T_j = 25^\circ\text{C}$	V_F	-	-	1.2	V
Leakage Current at V_{RRM} , $T_{amb} = 25^\circ\text{C}$	I_R	-	-	5	μA
Reverse Recovery Time from $I_F = 1\text{ A}$ to $V_R = 30\text{ V}$	t_r	-	-	200	ns

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