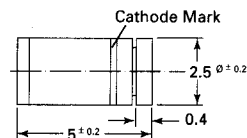


LL4001 ... LL 4007

Silicon Rectifiers

Nominal current 1A
 Repetitive peak reverse voltage 50 ... 1000 V

These rectifiers are delivered taped.



MELF

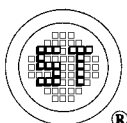
Weight approximately 0.25 g
 Dimensions in mm

Absolute Maximum Ratings ($T_a = 25^\circ\text{C}$)

	Symbol	Value	Unit
Repetitive Peak Reverse Voltage	LL 4001 V_{RRM}	50	V
	LL 4002 V_{RRM}	100	V
	LL 4003 V_{RRM}	200	V
	LL 4004 V_{RRM}	400	V
	LL 4005 V_{RRM}	600	V
	LL 4006 V_{RRM}	800	V
	LL 4007 V_{RRM}	1000	V
Nominal Current with Resistive Load at $T_{amb} = 25^\circ\text{C}$	I_{FAV}	1	A
Surge Forward Current, @ 8.3 ms Superimposed	I_{FSM}	30	A
Ambient Operating Temperature Range	T_{amb}	-65 to + 175	$^\circ\text{C}$
Storage Temperature Range	T_s	-65 to + 175	$^\circ\text{C}$

Characteristics

	Symbol	Min.	Typ.	Max.	Unit
Forward Voltage at $I_F = 1\text{ A}$, $T_J = 25^\circ\text{C}$	V_F	-	-	1.1	V
Leakage Current at V_{RRM} , $T_J = 25^\circ\text{C}$	I_R	-	-	5	μA



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