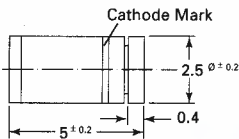


Silicon Rectifiers

Nominal current1A
Repetitive peak reverse voltage50 ... 1000 V

These rectifiers are delivered taped.



MELF

Weight approximately 0.25 g
Dimensions in mm

Absolute Maximum Ratings (T_a = 25 °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 °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	°C
Storage Temperature Range	T _S	-65 to + 175	°C

Characteristics

	Symbol	Min.	Typ.	Max.	Unit
Forward Voltage at I _F = 1 A, T _J = 25 °C	V _F	-	-	1.1	V
Leakage Current at V _{RRM} , T _J = 25 °C	I _R	-	-	5	µA

