



BKC International
Electronics Inc.

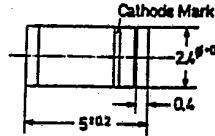
6 Lake Street
PO Box 1436
Lawrence, MA
USA 01841

LL4001G ... LL4004G

Telephone (508) 681-0392 • TeleFax (508) 681-9135
Call or write for a catalog of all our fine products.

Silicon Rectifiers

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



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

Glass case MELF

Weight approx. 0.25 g
Dimensions in mm

Affordable & Reliable
Quality Products
Backed by a
Quality Company

Absolute Maximum Ratings

	Symbol	Value	Unit
Repetitive Peak Reverse Voltage	LL4001G V_{RRM}	50	V
	LL4002G V_{RRM}	100	V
	LL4003G V_{RRM}	200	V
	LL4004G V_{RRM}	400	V
Average Rectified Current at $T_{amb} = 25\text{ }^\circ\text{C}$	I_o	1	A
Surge Forward Current, Half Cycle 60 Hz, starting from $T_j = 25\text{ }^\circ\text{C}$	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 $I_F = 1\text{ A}$, $T_j = 25\text{ }^\circ\text{C}$	V_F	-	-	1.3	V
Leakage Current at V_{RRM} , $T_j = 25\text{ }^\circ\text{C}$	I_R	-	-	5	μA