

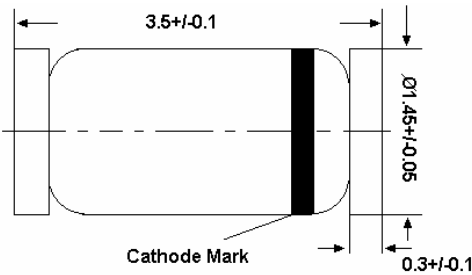
LL4150A

SILICON EPITAXIAL PLANAR DIODE

LL-34

Features

- Fast Switching Speed
- High Reliability
- High Conductance
- For General Purpose Switching Applications



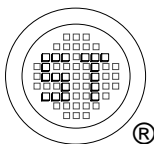
Glass case MiniMELF
Dimensions in mm

Absolute Maximum Ratings (T_a = 25°C)

Characteristic	Symbol	Value	Unit
Non-Repetitive Peak Reverse Voltage	V _{RM}	50	V
Forward Continuous Current (Note 1)	I _{FM}	400	mA
Average Rectified Output Current (Note 1)	I _O	300	mA
Power Dissipation (Note 1) Derate Above 25°C	P _{tot}	500 1.68	mW mW/°C
Junction temperature	T _J	200	°C
Operating and Storage Temperature Range	T _{STG}	-65 to +175	°C

Characteristics at T_j = 25°C

Characteristic	Symbol	Min.	Max.	Unit
Forward Voltage at I _F = 300mA	V _F	-	1.2	V
Peak Reverse Current at V _R = 50V	I _R	-	100	nA
Reverse Recovery Time at I _F = I _R = 10 to 200mA, to 0.1 I _F	T _{RR}	-	4	nS



SEMTECH ELECTRONICS LTD.
(Subsidiary of Sino-Tech International Holdings Limited, a company
listed on the Hong Kong Stock Exchange, Stock Code: 724)



Dated : 14/11/2003