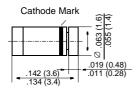
LL4150

Small Signal Diodes

MiniMELE



Dimensions in inches and (millimeters)

FEATURES

- Silicon Epitaxial Planar Diodes
- For general purpose and switching



 This diode is also available in other case styles including the DO-35 case with the type designation 1N4150 and the SOD-123 case with the type designation 1N4150W.

MECHANICAL DATA

Case: MiniMELF Glass Case (SOD-80) **Weight:** approx. 0.05 g

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Ratings at 25 °C ambient temperature unless otherwise specified

	Symbol	Value	Unit
Peak Reverse Voltage	V _{RM}	50	V
Maximum Average Rectified Current	I ₀	200	mA
Maximum Power Dissipation at T _{amb} = 25 °C	P _{tot}	500	mW
Maximum Junction Temperature	Tj	200	°C
Maximum Forward Voltage Drop at $I_F = 200 \text{ mA}$	V _F	1.0	V
Maximum Reverse Current at $V_R = 50 V$	I _R	100	nA
Max. Reverse Recovery Time at $I_F = I_R = 10$ to 200 mA, to 0.1 I_F	t _{rr}	4.0	ns

