

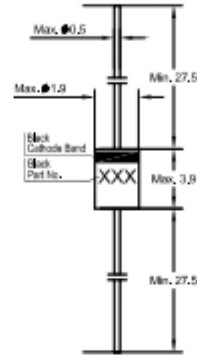
1N4148

Silicon Epitaxial Planar Switching Diode

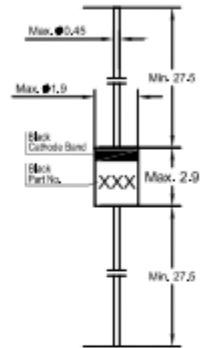
Applications

- High-speed switching

This diode is also available in MiniMELF case with the type designation LL4148



Glass Case DO-35
Dimensions in mm



Glass Case DO-34
Dimensions in mm

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

Parameter	Symbol	Value	Unit
Peak Reverse Voltage	V_{RM}	100	V
Reverse Voltage	V_R	75	V
Average Rectified Forward Current	$I_{F(AV)}$	200	mA
Non-repetitive Peak Forward Surge Current	at $t = 1$ s	0.5	A
	at $t = 1$ ms	1	
	at $t = 1$ μ s	4	
Power Dissipation	P_{tot}	500 ¹⁾	mW
Junction Temperature	T_j	200	$^\circ\text{C}$
Storage Temperature Range	T_{stg}	- 65 to + 200	$^\circ\text{C}$

1) Valid provided that leads at a distance of 8 mm from case are kept at ambient temperature.