

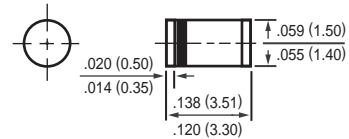
LL4148

**SURFACE MOUNT LL-34
SWITCHING DIODE**

FEATURES

- * Fast Switching Device($T_{RR}<4.0nS$)
- * LL-34 Glass Case
- * Through-Hole Device Type Mounting
- * Hermetically Sealed Glass
- * Compression Bonded Construction
- * All external surfaces are corrosion resistant and leads are readily solderable

LL-34



Dimensions in inches and (millimeters)

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

Ratings at 25 °C ambient temperature unless otherwise specified.
Single phase, half wave, 60 Hz, resistive or inductive load.
For capacitive load, derate current by 20%.

Absolute Maximum Ratings (Ta=25 °C)

	Symbol	Value	UNIT
Reverse Voltage	V_R	75	V
Reverse Recovery Time $I_F=-I_R=10mA$ to $I_{RR}=-1mA$ $V_R=6V$ $R_L=100$ ohms	t_{rr}	4	ns
Power Dissipation at $T_{amb}=25^\circ C$ 3.33mW/°C	P_{tot}	500	mW
Forward Current	I_F	300	mA
Junction Temperature	T_j	175	°C
Storage Temperature Range	T_S	-65 to +175	°C

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