

Description

The MSL-194UYL, a AMBER source Chip LED device, is designed in an indnstry standard package suitable for SMT assembly method. It utilizes AlGaInP on GaAs LED chip technology and water clear epoxy package.

Applications

- Small Size
- Industry Standard Footprint(1206)
- Compatible with IR Solder process
- Availalble in 8 mm Tape on 7"(178mm)

Diameteer Reels

Features

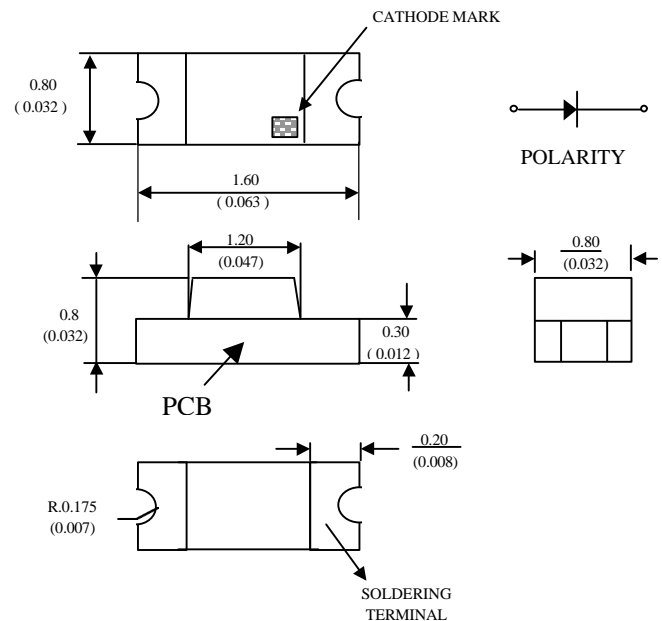
- Push-Button Backlighting
- LCD Backlighting
- Symbol Backlighting
- Front Panel Indicator

Absolute Maximum Ratings

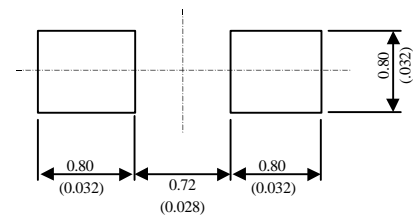
@ $T_A=25^{\circ}\text{C}$

Parameter	Symbol	Maximum Rating	Unit
Peak Forward Current(1/10 Duty Cycle@1KHz)	I_{FP}	100	mA
DC Forward Current	I_F	25	mA
Power Dissipatas	P_D	65	mW
Reverse Voltage	V_R	5	V
Operating Temperature Range	T_{OPR}	-20°C to $+80^{\circ}\text{C}$	
Storage Temperature Range	T_{STG}	-30°C to $+100^{\circ}\text{C}$	

Package Dimensions



Recommended Solder Patterns



NOTE:

1. All dimensions are in millimeter (inches)
2. Tolerance is $\pm 0.1\text{mm}$ (.004") unless otherwise specified.