

## Description

The MSL-194UYL, a AMBER source Chip LED device, is designed in an industry 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
- Available in 8 mm Tape on 7"(178mm)

Diameter Reels

## Features

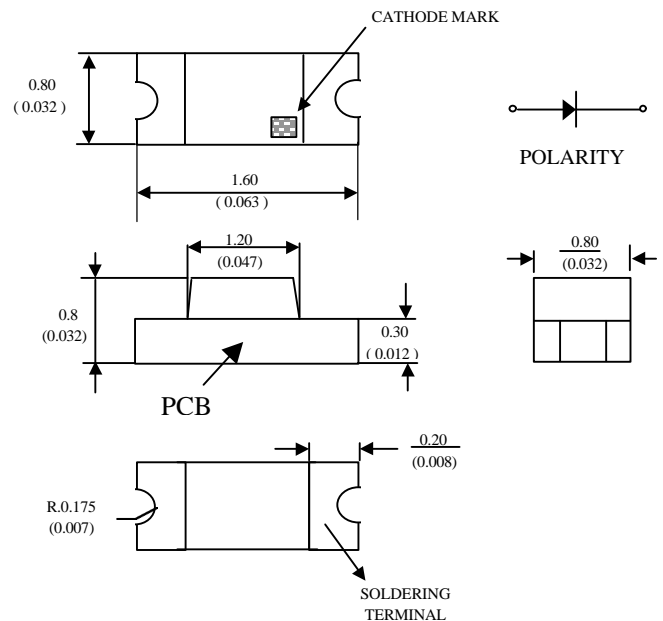
- Push-Button Backlighting
- LCD Backlighting
- Symbol Backlighting
- Front Panel Indicator

## Absolute Maximum Ratings

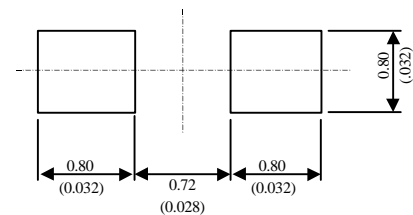
@  $T_A=25^{\circ}\text{C}$

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°C	
Storage Temperature Range	$T_{STG}$	-30°C to +100°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.