

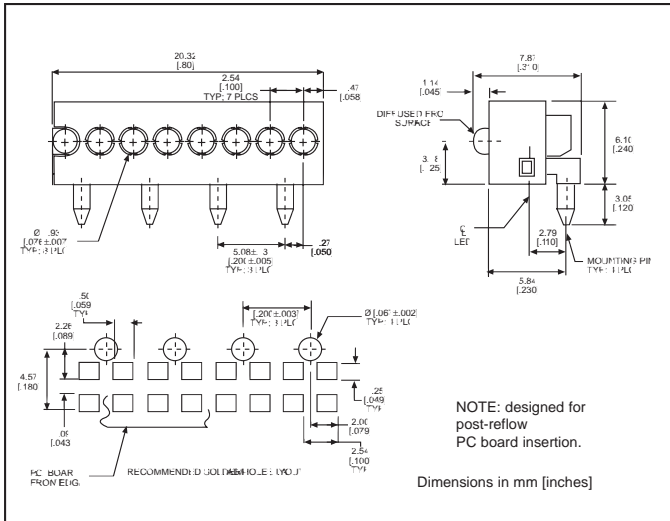
# 2mm Round

## microLED® Optopipe®

### Optical Light Pipe Assembly & Light Shield, 8 Array

# Dialight

## 515-1086



### MicroLED SMT LEDs for use with 515-1086

PART NO.	PAGE #
<b>Recommended</b>	
597-5111-4xx	1-27
597-5202-4xx	1-27
597-5311-4xx	1-27
597-5411-4xx	1-27
<b>Alternatives</b>	
597-5004-4xx	1-26
597-5112-4xx	1-26
597-5203-4xx	1-26
597-5213-4xx	1-26
597-5223-4xx	1-26
597-5312-4xx	1-26
597-5412-4xx	1-26

Solder Pad/Holes layout shown is for single color LEDs listed under "Recommended" Category  
 Contact factory for bi-color layout

### Features

- High transmissivity polycarbonate material
- UL94V-0 compliance
- ESD protection (circuit isolation from front panel)
- Wide viewing angle
- Arrays reduce insertion costs
- Secures to PCB by press-fit

### LED Data

For absolute maximum ratings and other electrical and optical data on the recommended LEDs, refer to LED data sheets.

### Operating/Storage Temperature

-30°C to +100°C

### Dialight Optopipe® Light Pipe Description

This 8 element shielded Optopipe® resembles our 555 Series CBIs in both look and size. These bright light elements are spaced vertically 0.125" from the PCB and then 0.100" between each element. This Optopipe® will maintain its 2.54mm LED mounting pitch when made into longer arrays. This Optopipe® is held in place by 4 press-fit pins along the bottom of the device. The light source is a 597 Series Type, top looking LED. Made from black PBT, the light shield restricts light bleed between the elements. Both the water clear transmissive polycarbonate light pipe material and the light shield are rated UL94-V0. The light pipe has a 35% oxygen index, and the light shield has a 32% oxygen index.

Dialight can provide custom Optopipe® solutions for your applications.