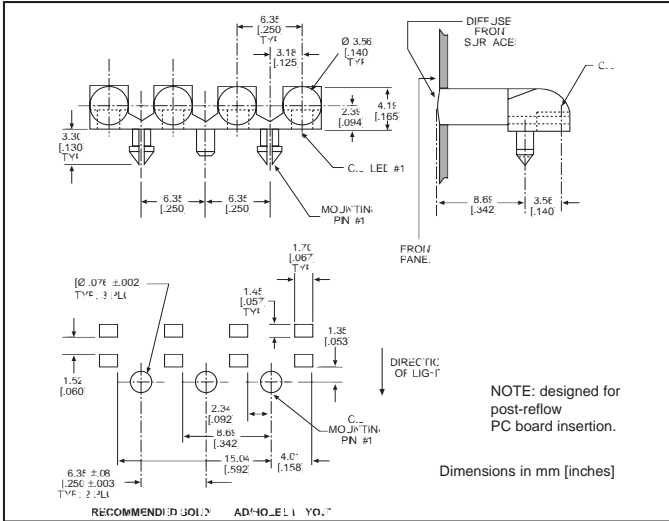


# 3.56mm Round microLED<sup>®</sup> Optopipe<sup>®</sup> Optical Light Pipe, 4 Array

Dialight

515-1048



## MicroLED SMT LEDs for use with 515-1048

**PART NO.**      **PAGE #**

**Recommended**  
597-3xx1-4xx      1-27 & 1-28

**Alternatives**  
597-5x11-4xx      1-27  
597-5202-4xx      1-27

LED alternatives may not produce optimum light output  
Solder Pad/Holes layout shown is for single color LEDs listed under "Recommended" category  
Contact factory for other layouts

### Features

- Snap Pin retention version of Dialight's 515-1020 4 Array Light Pipe
- 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 snap-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<sup>®</sup> Light Pipe Description

This Optopipe's<sup>®</sup> circular light emitting surfaces appear bright and uniform in intensity. It is securely held in place by 2 snap-fit pins and 1 locating pin located between the 4 light pipe elements. This Optopipe<sup>®</sup> functions as a through-the-case indicator with a textured finish on the 4 light emitting surface that increases its viewing angle. The recommended light sources are Dialight's 597 Series 1206 Type SMT LEDs. The LEDs are mounted in a straight line on a 0.250" pitch. The light pipe material is water clear transmissive polycarbonate rated UL94-V0, and has a 35% oxygen index.

Dialight can provide custom Optopipe<sup>®</sup> solutions for your applications.