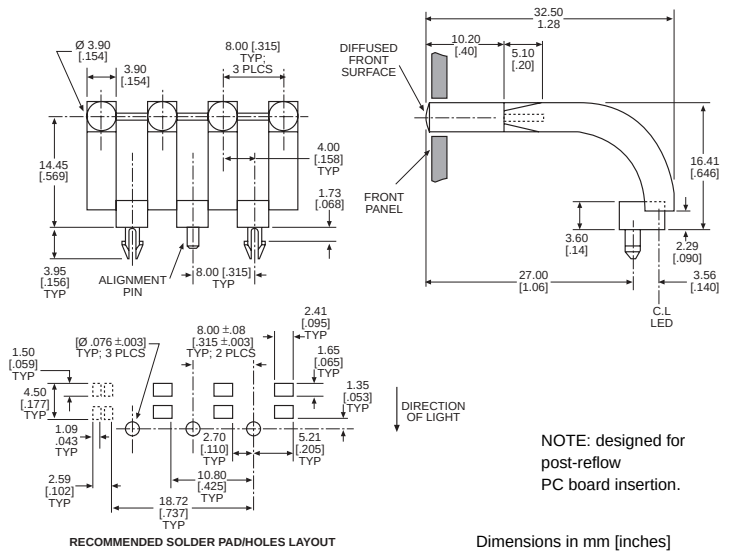
3.9mm Round
microLED® Optopipe™
Optical Light Pipe, 4 Array

NEW

Dialight

515-1052



MicroLED SMT LEDs for use with 515-1052

PART NO.	PAGE #
Recommended	
597-3xx1-2xx	1-21
597-77x1-2xx	1-23 & 1-24
Alternatives	
597-3xx1-5xx	1-30
597-77x1-5xx	1-31

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

2

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 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* Light Pipe Description

This Optopipe’s™ 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™ 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 PLCC-2 or PLCC-4 Type SMT LEDs. The LEDs are mounted in a straight line on a 8mm pitch. The light pipe material is water clear transmissive polycarbonate rated UL94-V0, and has a 35% oxygen index.

Dialight can provide custom Optopipe™ solutions for your applications.