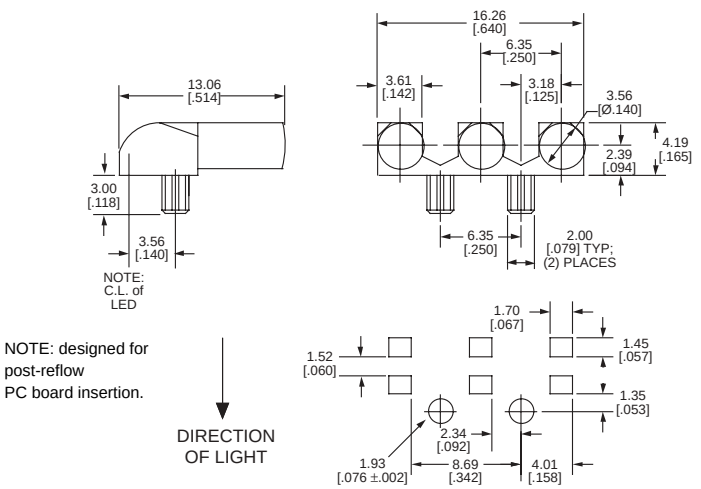
3mm Round
microLED® Optopipe™
Optical Light Pipe, 3 Array

515-1069



Dimensions in mm [inches]

RECOMMENDED PIN HOLES AND SOLDER PAD LAYOUT FOR SUGGESTED MicroLED LEDs

COMPONENT SIDE OF PRINTED CIRCUIT BOARD

Recommended MicroLED SMT LEDs for use with 515-1069

PART NO.	COLOR	PAGE #
597-3111-4xx	AlGaAs Red	1-28
597-3201-4xx	Orange	1-28
597-3311-4xx	Green	1-28
597-3401-4xx	Yellow	1-28

Features

- Complements Dialight's 515-1020 and 515-1071 Optopipe Light Pipes
- 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 light pipe's circular light emitting surfaces appear bright and uniform in intensity. It is reliably held in place by 2 press-fit pins located between the 3 light pipe elements. This Optopipe™ functions as a through-the-case indicator with a textured finish on the 3 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 an 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™ solutions for your applications.