3mm Round
*micro***LED**® *Optopipe*®
Optical Light Pipe, 2 Array

Dialight

515-1071

NOTE: designed for post-reflow PC board insertion.

DIRECTION OF PICK-UP

Dimensions in mm [inches]
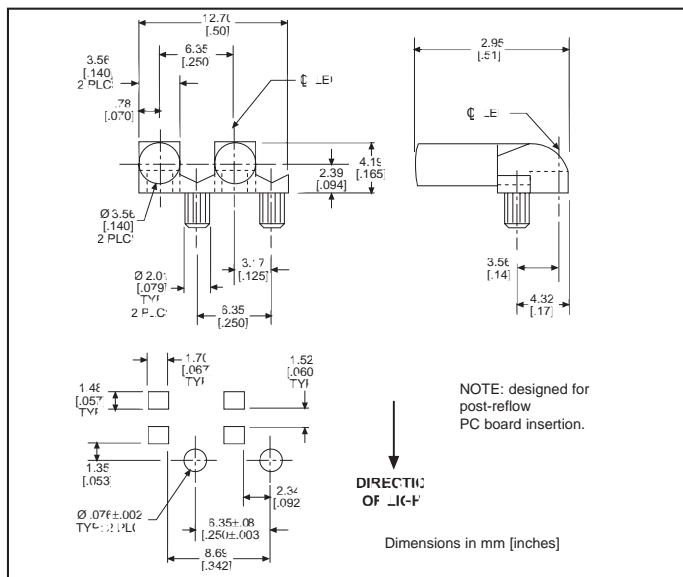
Recommended MicroLED SMT LEDs for use with 515-1071

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

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

Features

- Compatible with Dialight's 515-1020 and 515-1069 Optopipe Light Pipe arrays
- 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

Dialight *Optopipe*® Light Pipe Description

This Optopipe's® circular light emitting surfaces appear bright and uniform in intensity. It is reliably held in place by 2 press-fit pins located on the right side of each of the 2 light pipe elements. This Optopipe® functions as a through-the-case indicator with a textured finish on the 2 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 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.