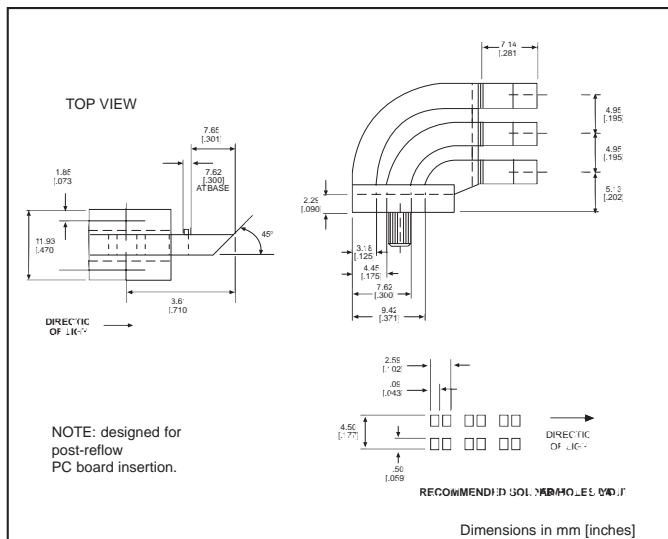


0.125 Square

microLED® Optopipe®

Optical Light Pipe, Tri-high with 45° Output 515-1009

Dialight



MicroLED SMT LEDs for use with 515-1009

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

Alternatives	
597-3xxx-4xx	1-27 & 1-28
597-3xx1-4xx	1-28
597-3xx1-5xx	1-30
597-5004-4xx	1-26
597-5x11-4xx	1-27
597-5x12-4xx	1-26
597-5202-4xx	1-27
597-52x3-4xx	1-26
597-77x1-5xx	1-31

LED alternatives may not produce optimum light output

Features

- High transmissivity polycarbonate material
- UL94V-0 compliance
- ESD protection (circuit isolation from front panel)
- Allows tri-level SMT indicators
- 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 Optopipe® is designed to have its light viewed on a 45° angle rather than head-on. It has its light outputs vertically spaced at 0.202" from the PCB to the first element, and then 0.195" between the elements. Each element has a shallow V-groove to enable easy removal of unwanted light pipe elements. This Optopipe® is held in place by the 2 press-fit pins on the bottom of the device. Various molded-in optical features evenly illuminate the light pipe's angled emitting surface. The recommended light sources are Dialight's 597 Series PLCC-2 or PLCC-4 Type SMT LEDs. 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.

Mouser Electronics

Authorized Distributor

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Dialight:

515-1009F