

NEW

3 x 5mm Rectangular

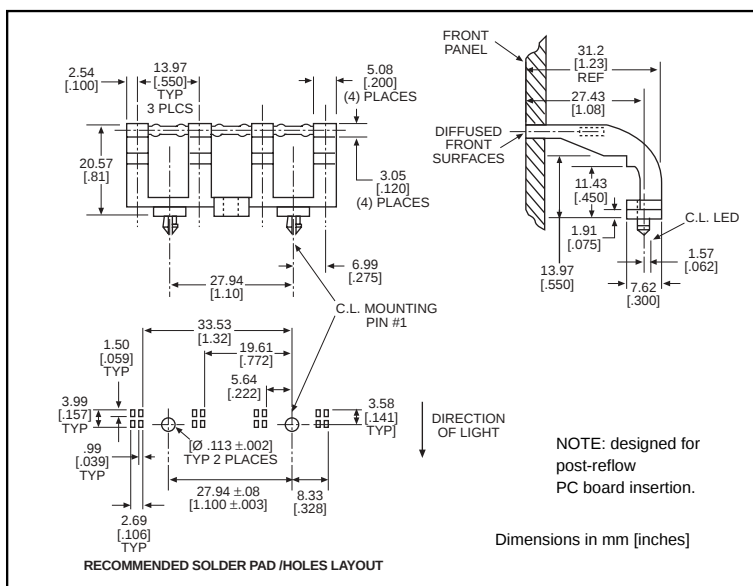
microLED® Optopipe™

Optical Light Pipe, 4 Array (RJ45 Jack)

Dialight

515-1055

2



MicroLED SMT LEDs for use with 515-1055

PART NO. PAGE

Recommended

597-3xx1-1xx 1-19

597-77x1-1xx 1-20

Alternatives

597-3xxx-4xx 1-27 & 1-28

597-3xx1-4xx 1-28

597-3xx1-5xx 1-30

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 bi-color LEDs listed under "Recommended" category

Contact factory for other layouts

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™ functions as a through-the-case indicator by conducting the light over the top of connectors or switches with a maximum height of 0.550". It is equivalent to the 515-1022 and well suited to applications where vibration is a concern. This Optopipe's™ four 3 x 5mm rectangular light emitting surfaces appear bright and are optically well isolated. The light pipe is reliably held in place by 2 snap-fit pins located next to the first and fourth light pipe elements. These pins positively lock onto 0.062" thick PCBs regardless of individual variations in thickness. A textured finish on the 4 light emitting surfaces maximizes the 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 0.550" 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.