2.5mm Round
microLED® Optopipe™
Optical Light Pipe, 8 Array

NEW

Dialight

515-1062

2

Dimensions in mm [inches]

FRONT PANEL
DIFFUSED FRONT SURFACES
DIRECTION OF LIGHT
C.L. LED
RECOMMENDED SOLDER PAD/HOLES LAYOUT (BI-COLOR PAD SHOWN)

NOTE: designed for post-reflow PC board insertion.
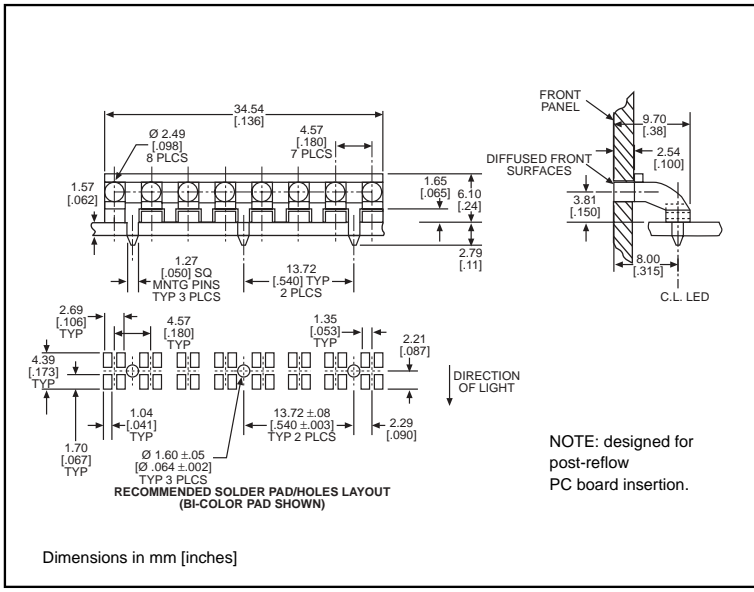
Recommended MicroLED SMT LEDs for use with 515-1062

PART NO.	PAGE #
597-3xx1-5xx	1-30
597-77x1-5xx	1-31

Solder Pad/Holes layout shown is for bi-color LEDs

Contact factory for single color layout

Features

- Compatible with Dialight's 515-1063 8 Array Light Pipe for bi-level SMT indicators
- 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 Optopipe™ has 8 elements with a 2.5mm diameter placed on a narrow pitch. Although it is designed to be the lower element of a bi-level array, it functions well as a single level array. An appearance similar to our 3mm bi-level 553 Series, arrays can be achieved by utilizing the 515-1063 for the upper level array. Three press-fit pins securely hold it in place. The SMT LEDs are mounted in a straight line under the rear of the part on an 0.180" 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.

Mouser Electronics

Authorized Distributor

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  [515-1062F]()