

Dimensions in mm [inches]

φ

SINGLE SMT LEDS

FRONT PANEL

22.8

2.5mm Round

13.72 [.54]

micte ED ® Optopipe™

2.49 ± .08 098 ±.003



RECOMMENDED SOLDER PAD/HOLES LAYOUT

2.29 ±.08 .090 ±.003

- Suitable for High Density Arrays (.200 min array pitch)
- · High transmissivity polycarbonate material

BI-COLOR SMT LAYOU

UL94V-0 compliance

DIRECTION OF LIGHT

- · ESD protection (circuit isolation from front panel)
- Wide viewing angle
- · Arrays reduce insertion costs
- · Allows tri-level SMT indicators
- · Secures to PCB by press-fit

Dialight Optopipe Light Pipe Description

This Optopipe[™] has 3 vertical 2.5mm diameter elements placed 0.170" apart. They are bright and have good optical isolation. Similar in appearance to our 3mm tri-level 564 Series, they can be placed in arrays with an 0.200" pitch. It can utilize single or multi-color LEDs. The light pipe material is water clear transmissive polycarbonate rated UL94-V0, and has a 35% oxygen index.

NOTE: designed for post-reflow PC board insertion.

Dialight can provide custom Optopipe™ solutions for your applications.

Dialight 515-1064 Optical Light Pipe, Tri-High, Narrow Pitch

for use with 515-1064		
<u>PART NO.</u>	<u>COLOR</u>	PAGE #
597-3111-5xx	AlGaAs Red	1-30
597-3211-5xx	Orange	1-30
597-3301-5xx	Green	1-30
597-3401-5xx	Yellow	1-30
597-7701-5xx	Red/Green	1-31
597-7721-5xx	Yellow/Green	1-31

MicroLED SMT LEDs

Recommended

LED Data

For absolute maximum ratings and other electrical and optical data on the recommended LEDs, refer to LED data sheets.

Operating/Storage Temperature