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[Dialight](#)
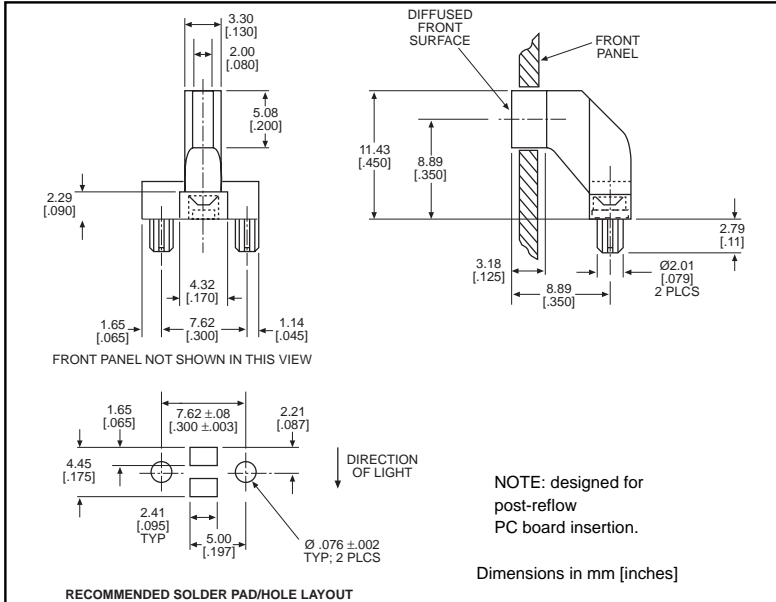[5151054F](#)

For any questions, you can email us directly:
sales@integrated-circuit.com

2 x 5mm Rectangular
micro**LED** ® Optopipe™
Optical Light Pipe, Single

NEW

Dialight
515-1054

FRONT PANEL NOT SHOWN IN THIS VIEW

DIFFUSED FRONT SURFACE

FRONT PANEL

DIRECTION OF LIGHT

NOTE: designed for post-reflow PC board insertion.

Dimensions in mm [inches]

RECOMMENDED SOLDER PAD/HOLE LAYOUT

MicroLED SMT LEDs
for use with 515-1054

PART NO.	PAGE #
Recommeded	
597-3xx1-2xx	1-21
597-77x1-2xx	1-23
Alternatives	
597-3xx1-5xx	1-30
597-77x1-5xx	1-31

LED alternatives may not produce optimum light output

Solder Pad/Holes layout shown is for single color LEDs listed under "Recommended" category

Contact factory for other layouts

Features

- Compatible with Dialight's 515-1051
- High transmissivity polycarbonate material
- UL94V-0 compliance
- ESD protection (circuit isolation from front panel)
- Wide viewing angle
- 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™ functions as a through-the-case indicator with the appearance of a single 2 x 5mm rectangular LED. It can utilize either a single or multi-color SMT LED, and can be used to form longer arrays with the 515-1051 light pipe. It is held to the PCB by 2 press-fit pins. 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.