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

NEW

Dialight

515-1051

2

SIDE VIEW

DIFFUSED FRONT SURFACE

FRONT PANEL

NOTE: designed for post-reflow PC board insertion.

BOTTOM VIEW

DIRECTION OF LIGHT

RECOMMENDED SOLDER PAD/HOLES LAYOUT

Dimensions in mm [inches]
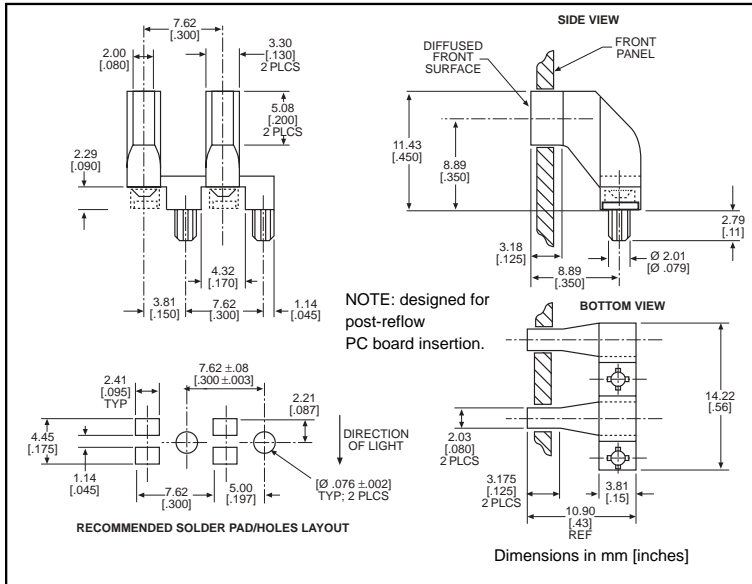
MicroLED SMT LEDs for use with 515-1051

PART NO.	PAGE #
Recommeded	
597-3xx1-2xx	1-21
597-77x1-2xx	1-23 & 1-24
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 515-1054
- 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™ functions as a through-the-case indicator with the appearance of dual 2 x 5mm rectangular LEDs. It is held to the PCB by 2 press-fit pins. It can utilize either a single or multi-color SMT LED, and can be used to form longer arrays with the 515-1054 light pipe. 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.