Excellent Integrated System Limited
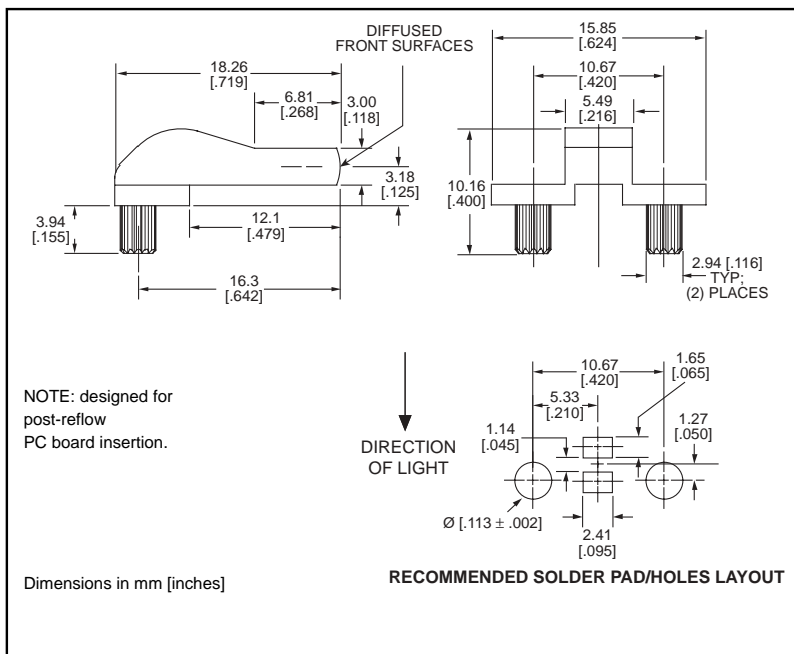
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

Dialight
5151001F

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

3 x 5.5mm Rectangular
*micro*LED ® Optopipe™
Optical Light Pipe

Dialight
515-1001

2

NOTE: designed for post-reflow PC board insertion.

DIRECTION OF LIGHT

Dimensions in mm [inches]

RECOMMENDED SOLDER PAD/HOLES LAYOUT

Recommended MicroLED SMT LEDs for use with 515-1001

PART NO.	COLOR	PAGE #
597-3001-2xx	Red	1-21
597-3111-5xx	AlGaAs Red	1-30
597-3121-2xx	AlGaAs Red	1-21
597-3211-2xx	Orange	1-21
597-3211-5xx	Orange	1-30
597-3301-2xx	Green	1-21
597-3301-5xx	Green	1-30
597-3401-2xx	Yellow	1-21
597-3401-5xx	Yellow	1-30
597-7701-2xx	Red/Green	1-23
597-7701-5xx	Red/Green	1-31
597-7721-2xx	Yellow/Green	1-23
597-7721-5xx	Yellow/Green	1-31
597-7731-2xx	Red/Yellow	1-24

Features

- High transmissivity polycarbonate material
- UL94V-0 compliance
- ESD protection (circuit isolation from front panel)
- Wide viewing angle
- Compatible with Dialight's 515-1000 Three Array Optopipe Light Pipe
- Sleek rectangular design
- 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™ is reliably held in place by 2 press-fit pins located on either side of the light pipe element. This Optopipe™ functions as a through-the-case indicator with a textured finish on the light-emitting surface that increases its viewing angle. The recommended light sources are Dialight's 597 Series PLCC-2 or PLCC-4 Type SMT LEDs. 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.