Excellent Integrated System Limited

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Dialight
5151090801F

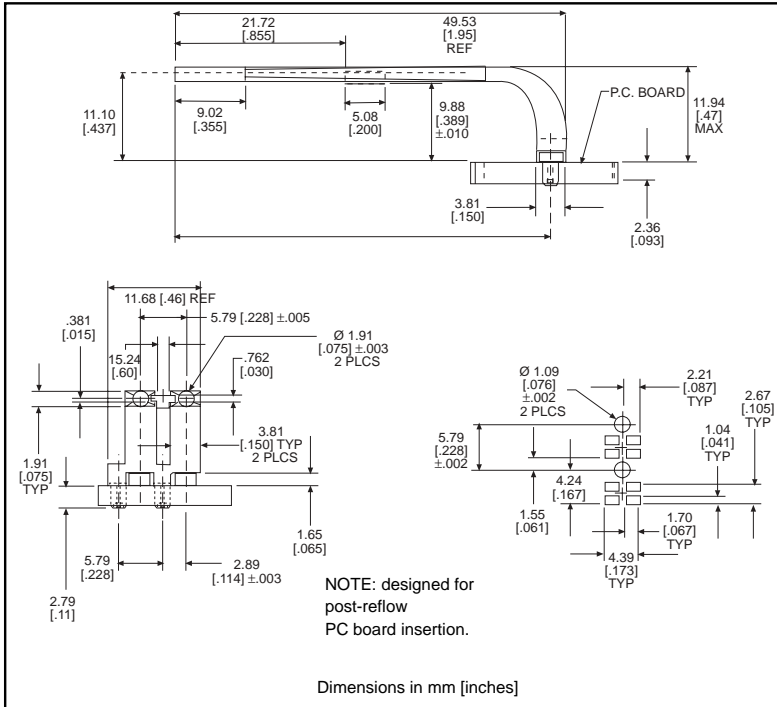For any questions, you can email us directly:
sales@integrated-circuit.com

2mm Round
*micro*LED® Optopipe™
Optical Light Pipe, 2 Array
(MT-ODE Jack)

NEW

Dialight

515-1090-801

Dimensions in mm [inches]

NOTE: designed for post-reflow PC board insertion.

Recommended MicroLED SMT LEDs for use with 515-1090-801

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

- 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 bright, 2 element Optopipe™ is designed to reach over the top of circuit board components with a maximum height of 0.399". The central cross bar acts as a standoff which gives additional support when resting the pipe on top of a component. This Optopipe™ is designed to allow arrays to be laid out with the SMT LEDs on a continuous 0.228" pitch. The recommended light sources are Dialight's 597 Series 1208 or 1210 Type SMT LEDs. The Optopipe™ material is water clear transmissive polycarbonate rated UL94-V0, and has a 35% oxygen index.

   Dialight can provide custom Optopipe™ solutions for your applications.