

## **Excellent Integrated System Limited**

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[5151090F](#)

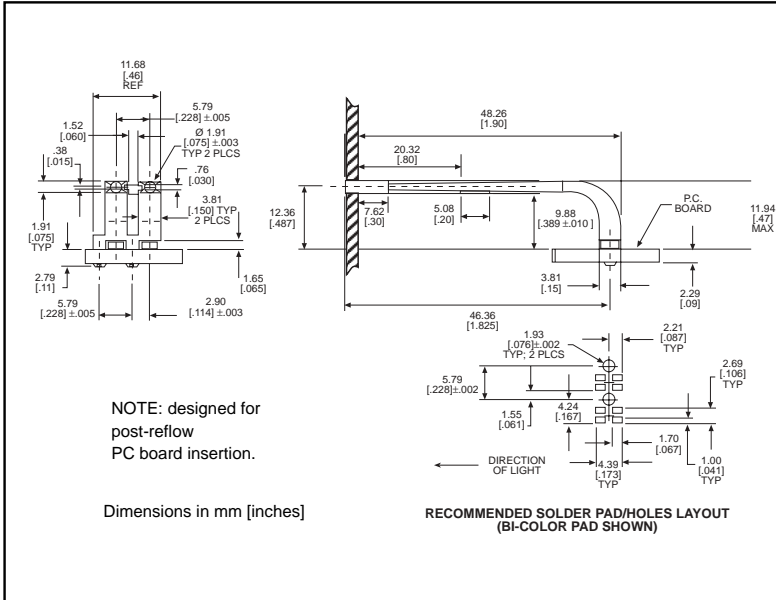
For any questions, you can email us directly:  
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



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

**Dialight**

**515-1090**



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

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

**2**

**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.