

## Excellent Integrated System Limited

Stocking Distributor

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[5151004F](#)

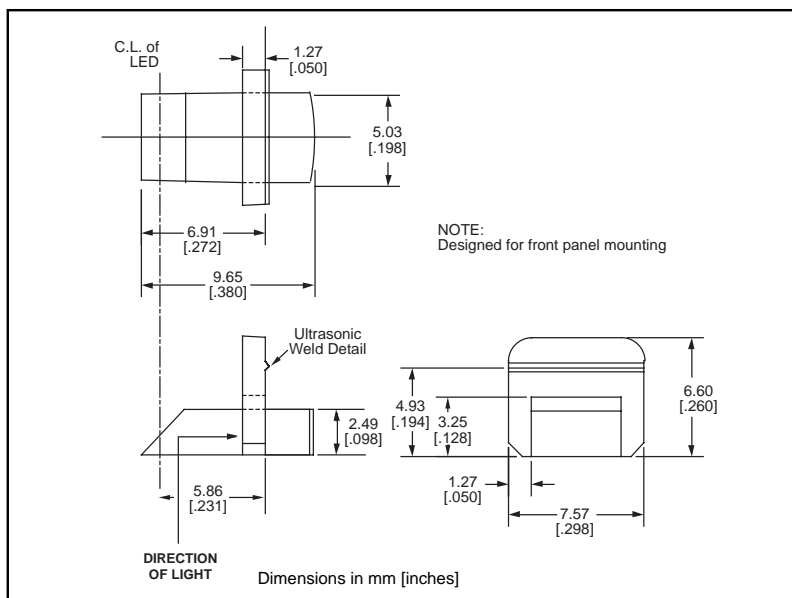
For any questions, you can email us directly:  
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



**2.5 x 5mm Rectangular**  
**microLED® Optopipe™**  
**Optical Light Pipe**



**515-1004**



**Recommended**  
**MicroLED SMT LEDs**  
**for use with 515-1004**

<u>PART NO.</u>	<u>COLOR</u>	<u>PAGE #</u>
597-3111-4xx	AlGaAs Red	1-28
597-3201-4xx	Orange	1-28
597-3311-4xx	Green	1-28
597-3401-4xx	Yellow	1-28

**Features**

- UL94V-0 compliance
- ESD protection (circuit isolation from front panel)
- Wide viewing angle
- Diffused lens
- Secures to front panel by ultrasonic welding

**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 ultrasonically welded to the customer's plastic housing using the tab at the top of the part. The light pipe is not attached to the PCB at any point, but floats above it. The light emitting surface is textured to increase its viewing angle. The selection of a suitable LED light source is left to the customer's discretion. However, reflector type light sources like our 597 Series PLCC-2 or PLCC-4 Type SMT LEDs are good choices. 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.