



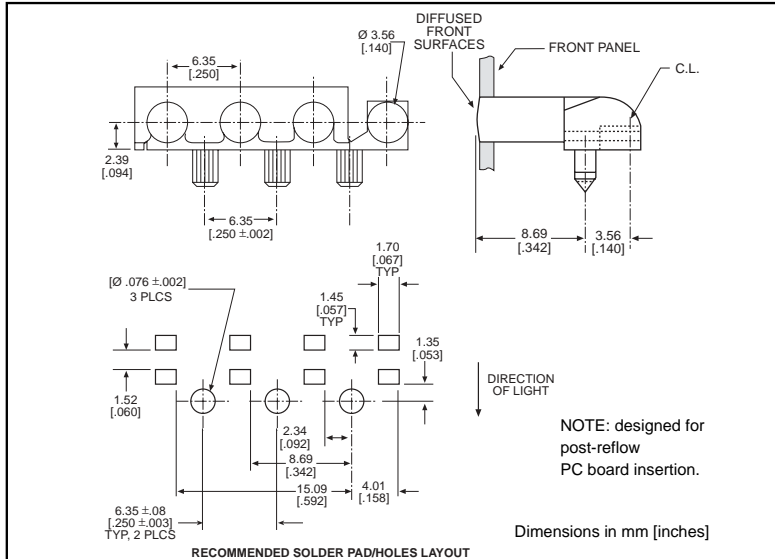
# 3.56mm Round

## microLED<sup>®</sup> Optopipe<sup>™</sup>

### Optical Light Pipe Assembly and Light Shield, 4 Array



# 515-1020-806



## MicroLED SMT LEDs for use with 515-1020-806

PART NO.	PAGE #
<b>Recommended</b>	
597-3xx1-4xx	1-27 & 1-28
<b>Alternatives</b>	
597-3xxx-4xx	1-27 & 1-28
597-5x11-4xx	1-27
597-5202-4xx	1-27

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

- 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 light pipe's circular light emitting surfaces appear bright and have good optical isolation. The assembly is reliably held in place by 3 press-fit pins located between the light pipe elements. This Optopipe<sup>™</sup> functions as a through-the-case indicator with a textured finish on the 4 light emitting surfaces that increases its viewing angle. The recommended light sources are Dialight's 597 Series 1206 Type SMT LEDs. The LEDs are mounted in a straight line on a 0.250" pitch. Made from black PBT, the light shield restricts light bleed between the elements. Both the water clear transmissive polycarbonate light pipe material and the light shield are rated UL94-V0. The light pipe has a 35% oxygen index, and the light shield has a 32% oxygen index.

Dialight can provide custom Optopipe<sup>™</sup> solutions for your applications.