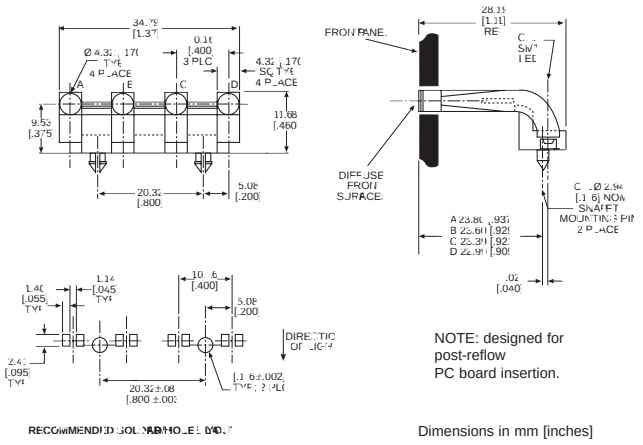
4.3mm Round
*micro*LED® *Optopipe*®
Optical Light Pipe, 4 Array

Dialight

515-1037



MicroLED SMT LEDs for use with 515-1037

PART NO.	PAGE #
Recommended	
597-3xx1-2xx	1-21
597-77x1-2xx	1-23 & 1-24
Alternatives	
597-3xx1-5xx	1-30
597-77x1-5xx	1-31

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 snap-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

Each element of this 4 element light pipe has a slightly different length. The light pipe mounts on the PCB by means of a bifurcated mounting pin. The light emitting surfaces are textured to diffuse the light passing through them. The recommended light sources are Dialight's 597 Series PLCC-2 or PLCC-4 type SMT LEDs. The SMT LEDs are mounted in a straight line under the rear of the part on a 10.16mm pitch. 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.