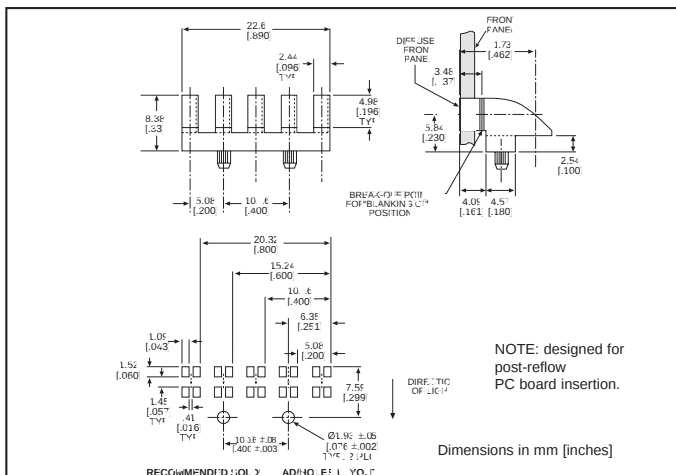


Dialight
515-1029



MicroLED SMT LEDs for use with 515-1029

<u>PART NO.</u>	<u>PAGE #</u>
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 bi-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 Optopipe® mimics a 5-position array of 2 x 5mm LEDs, and functions as a through-the-panel indicator. Each element has a diffused viewing surface and a shallow V-groove that permits easy customer removal of unwanted elements. The array is held in place by 2 press-fit pins located beneath the second and fourth elements. 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 5.08mm pitch. The light pipe material is water clear transmissive polycarbonate rated UL94-V0, and has a 35% oxvaen index.

Dialight can provide custom Optopipe® solutions for your applications.