Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

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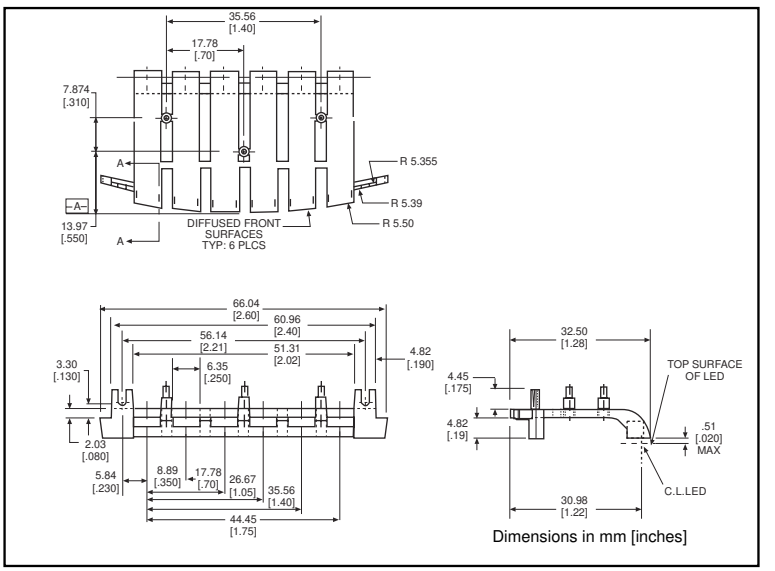
Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

4.8 x 6.35mm Rectangular *micro*LED® *Optopipe*™ Optical Light Pipe, 6 Array, Panel Mounted

NEW

Dialight

515-1043



MicroLED SMT LEDs for use with 515-1043

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

LED alternatives may not produce optimum light output

Features

- Mates with Dialight's 515-1042
- High transmissivity polycarbonate material
- UL94V-0 compliance
- ESD protection (circuit isolation from front panel)
- Wide viewing angle
- Arrays reduce insertion costs
- Secures to panel by heat staking

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 inside the customer's plastic housing. The light pipe is welded to the case at the forked tabs at the front of the part. The light pipe is not attached to the PCB at any point but floats above it. The gently arcing end sticks through the plastic panel. This light pipe will snap into the 515-1042 to form a bi-level Optopipe™ array. The surface is textured to diffuse the light passing through it. 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 8.9mm pitch. The light pipe material is water clear transmissive polycarbonate rated UL94-V0, and has a 35% oxygen index. This Optopipe™ is intended for post reflow insertion into the PCB.

Dialight can provide custom Optopipe™ solutions for your applications.