Chipsmall

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

1.1mm Round
*micro*LED ® Optopipe™
Optical Light Pipe, Panel Mount

NEW

Dialight

515-1027


```
.51 MAX
[.02]
          8.26
          [.325]
                .80
                [.031]

                        DIRECTION OF
                        LIGHT

                        DIFFUSED
                        FRONT
                        SURFACE

          5.54
          [.217]

  TOP SURFACE LED

                                Ø 1.68              Ø 2.26
                                Ø [.066]            Ø [.089]

                                RIBS:        Ø 1.83
                                (3) PLACES   Ø [.072]
                                120° APART
```

Dimensions in mm [inches]
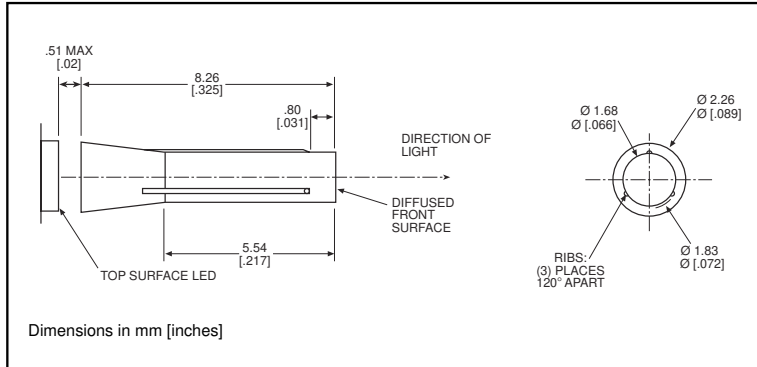
Alternative
MicroLED SMT LEDs
for use with 515-1027

PART NO.	PAGE #
597-2xx1-4xx	1-29
597-2x01-2xx	1-25

LED alternatives may not produce optimum light output

2

Features

- High transmissivity polycarbonate material
- UL94V-0 compliance
- ESD protection (circuit isolation from front panel)
- Arrays reduce insertion costs
- Designed to replace 5mm right angle through-hole device
- Secures to Panel 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's™ light emitting surface appears bright and uniformly luminous. It is reliably held in the panel by 3 press-fit splines. This Optopipe™ functions as a through-the-case indicator with a textured finish on its light-emitting surface that increases its viewing angle. The light source can be any super-bright 2mm, 3mm, or 5mm LED, or one of Dialight's 597 Series SMT LEDs. The emitting surface of the light source should be located no more than 0.020" or 0.5mm from the Optopipe™. 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.