3.8mm Round
microLED® Optopipe™
Optical Light Pipe, 3 Array, Panel Mounted

NEW

Dialight

515-1034

Dimensions in mm [inches]

Features

- 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
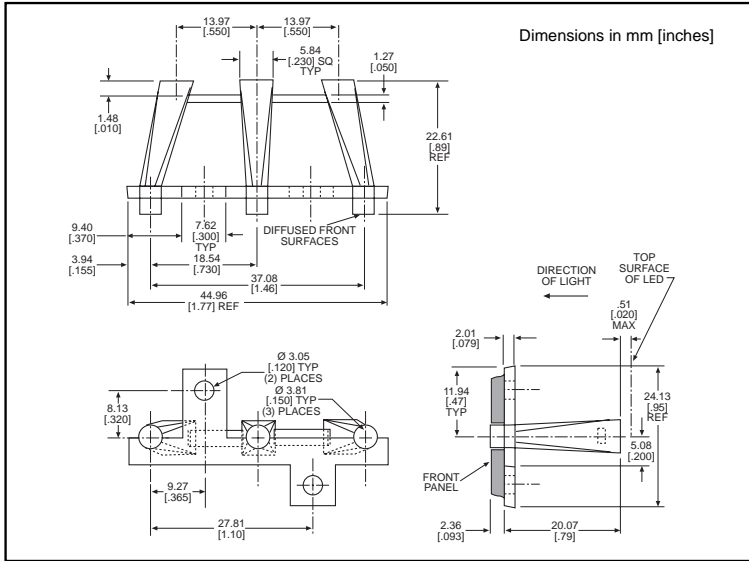
LEDs
for use with 515-1034

Recommended	PAGE #
521-9247	6-44
521-9249	6-44
521-9251	6-44
550-xx10	6-17
550-5504	6-9
550-5505	6-11
550-5507	6-13
550-5508	6-15
550-5604	6-9
550-5605	6-11
550-5607	6-13
550-5608	6-15
550-5704	6-9
550-5705	6-11
550-5707	6-13
550-5708	6-15

Alternatives	PAGE #
521-9430	4-61
521-9431	4-61
521-9432	4-61

LED alternatives may not produce optimum light output

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 heat staked to the inside of the customer's plastic housing. The light pipe is staked to the case using the tabs at the front of the part. The light pipe is not attached to the PCB at any point but floats in front of it. The rectangular funnel end faces the light source while the tubular sections fit through the plastic panel. The light emitting surface is textured to diffuse the light passing through it. The light source can be any super-bright 2mm, 3mm, or 5mm LED, or one of Dialight's 597 Series SMT LEDs. The light sources are mounted in a straight line facing the rear of the part on an irregular pitch. The light source's emitting surface 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.