3 x 5mm Rectangular
*micro*LED® Optopipe®
Optical Light Pipe, 4 Array (RJ45 Jack)

Dialight

515-1022

NOTE: designed for
post-reflow
PC board insertion.

Dimensions in mm [inches]
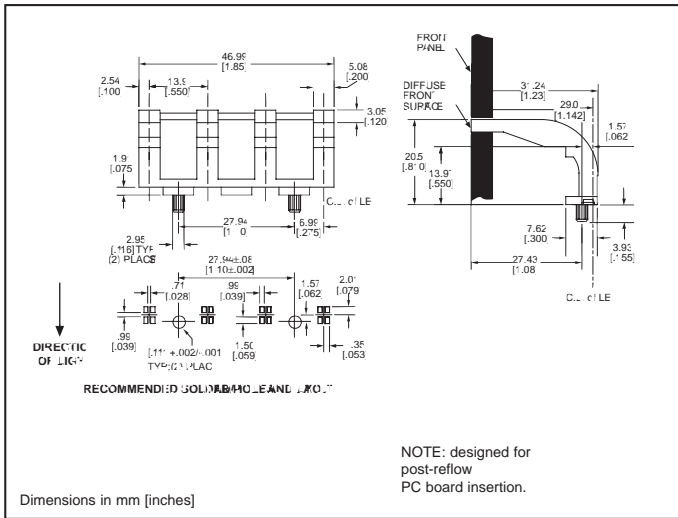
Recommended MicroLED SMT LEDs for use with 515-1022

PART NO.	COLOR	PAGE #
597-3001-1xx	Red	1-19
597-3111-1xx	AlGaAs Red	1-19
597-3111-5xx	AlGaAs Red	1-30
597-3211-1xx	Orange	1-19
597-3211-5xx	Orange	1-30
597-3301-1xx	Green	1-19
597-3301-5xx	Green	1-30
597-3401-1xx	Yellow	1-19
597-3401-5xx	Yellow	1-30
597-7701-1xx	Red/Green	1-20
597-7701-5xx	Red/Green	1-31
597-7721-1xx	Yellow/Green	1-20
597-7721-5xx	Yellow/Green	1-31
597-7731-1xx	Red/Yellow	1-20

Features

- Complements Dialight's 515-1070 Two-Array Optopipe®
- Allows indicators to be positioned above corresponding RJ45 jack or other components
- 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 light pipe's four 3 x 5mm rectangular light emitting surfaces appear bright and are optically well isolated. The light pipe is reliably held in place by 2 press-fit pins located between the 2 light pipe elements. This Optopipe® functions as a through-the-case indicator by conducting the light over the top of connectors or switches. A textured finish on the 4 light emitting surfaces maximizes the viewing angle. The recommended light sources are Dialight's 597 Series 1210 Type SMT LEDs. The LEDs are mounted in a straight line on a 0.550" 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.

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1367627-1 SLP3-300-450-F SLP3-400-450-R LPA-C011301S-23 LPA-C011301S-6 LPF-C011306S FLP25-1.95 VLP-640-F LPA-C011301S-5.4 LPA-C041301S-2 LPA-R051171S-12 LPA-S011331S 515-1027-803F 515-1217F SLP3-150-300-R SLP3-500-450-R 515-1064-810F FLPV-SG BDL-1187 7511A41 7511A87-500 FLPV-SBC 5151064802F 5151-192-0055-0DF LPF-R011340S 515-1166-801F FLPF-6.0 SLP3-350-200-F PM4-C1522-3.70 LC-11.25 CLP-1214 515-1064-808F FLX3_05 515-1192-0025-0DF 515-1192-80-3DF PBLP-1001-1 LC2-4.1 LPC062CTP LSS024CTP LPC088CTP SLP3-150-300-F 2202312 515-1302-0500F RLP1-200-800 RLP1-400-500 LPA-C011301S-15 2202311 SLP3-150-450-R 7511A53 1270.1003