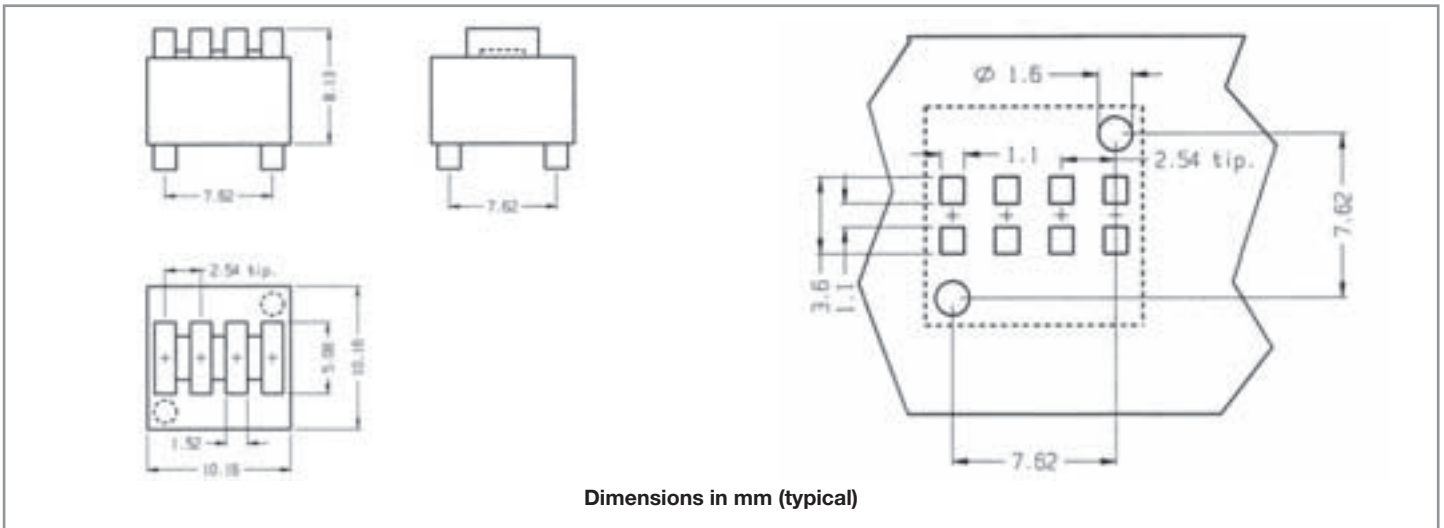
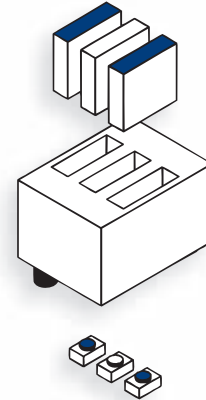
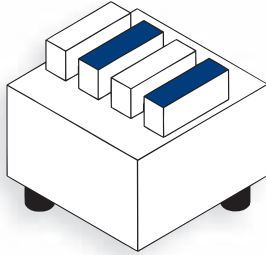


FEATURES

- ▶ Helps to eliminate mixed technology PCB processing
- ▶ Excellent on/off contrast
- ▶ Choice of 9 bright colors
- ▶ Uniform light area
- ▶ Easily mounted on PCB by press-fit
- ▶ Arrangeable in rows
- ▶ Suitable for level indicators
- ▶ Designed for low current operation
- ▶ Dominant wavelength from 430 nm to 700 nm
- ▶ LEDs color can be mixed in a single housing
- ▶ Reduce insertion cost
- ▶ Case in different colors
- ▶ Industry standard footprint
- ▶ Custom version without cost



| Code | Module Dimensions L x H x T (mm) | Effective Viewing (mm) | LEDs Q.ty | Led Color (nm) Typ. | Iv (mcd) Typ | IF (mA) Typ |
|-------------------|-------------------------------------|---------------------------|--------------|------------------------|------------------------------|-------------------|
| SMD (0805) | | | | | | |
| KLB940 R | 10,16x10,16x8,13 | 1,52x5,08x4led | 4 | Red 660 | 11,7 | 20 |
| KLB940 O | 10,16x10,16x8,13 | 1,52x5,08x4led | 4 | Orange 605 | 3,7 | 20 |
| KLB940 Y | 10,16x10,16x8,13 | 1,52x5,08x4led | 4 | Yellow 580 | 3,7 | 20 |
| KLB940 YG | 10,16x10,16x8,13 | 1,52x5,08x4led | 4 | Yellow-Green 570 | 11,7 | 20 |
| KLB940 G | 10,16x10,16x8,13 | 1,52x5,08x4led | 4 | Green 560 | 6,4 | 20 |
| KLB940 PG | 10,16x10,16x8,13 | 1,52x5,08x4led | 4 | Pure-Green 555 | 2,7 | 20 |
| KLB940 UG | 10,16x10,16x8,13 | 1,52x5,08x4led | 4 | Blue-Green 502 | 34 | 20 |
| KLB940 U | 10,16x10,16x8,13 | 1,52x5,08x4led | 4 | Blu 467 | 14 | 20 |
| KLB940 M | 10,16x10,16x8,13 | 1,52x5,08x4led | 4 | Multicolor | Indicate your colours | |

OPTIONS AVAILABLE

- ◆ Different lengths
- ◆ Special LEDs on request
- ◆ Bin Selection
- ◆ Ultrabright (from 300 to 1.900 mcd)
- ◆ Bicolor-Tricolor and Full Color
- ◆ Infrared-phototransistor
- ◆ Blinking LEDs
- ◆ 5V & 12V Integrated Resistor

MATERIAL SPECIFICATION

- ◆ Housing: PC
- ◆ Lens: PC Optic
- ◆ Operating Temperature – 40° to + 125 °C
- ◆ Soldering Temperature: 260 °C ≤ 5 sec.
- ◆ Storage Temperature: -60° to + 125°C
- ◆ MTBF: 100.000 hours @ 20mA
250.000 hours @ 2mA
- ◆ Plastic Color & Material on Request

APPLICATIONS

- ◆ Industrial Controls
- ◆ Instrumentation
- ◆ Office automation
- ◆ Computer Peripherals
- ◆ Consumer Product
- ◆ Medical Equipment
- ◆ Test Equipment
- ◆ Process Control Equipment