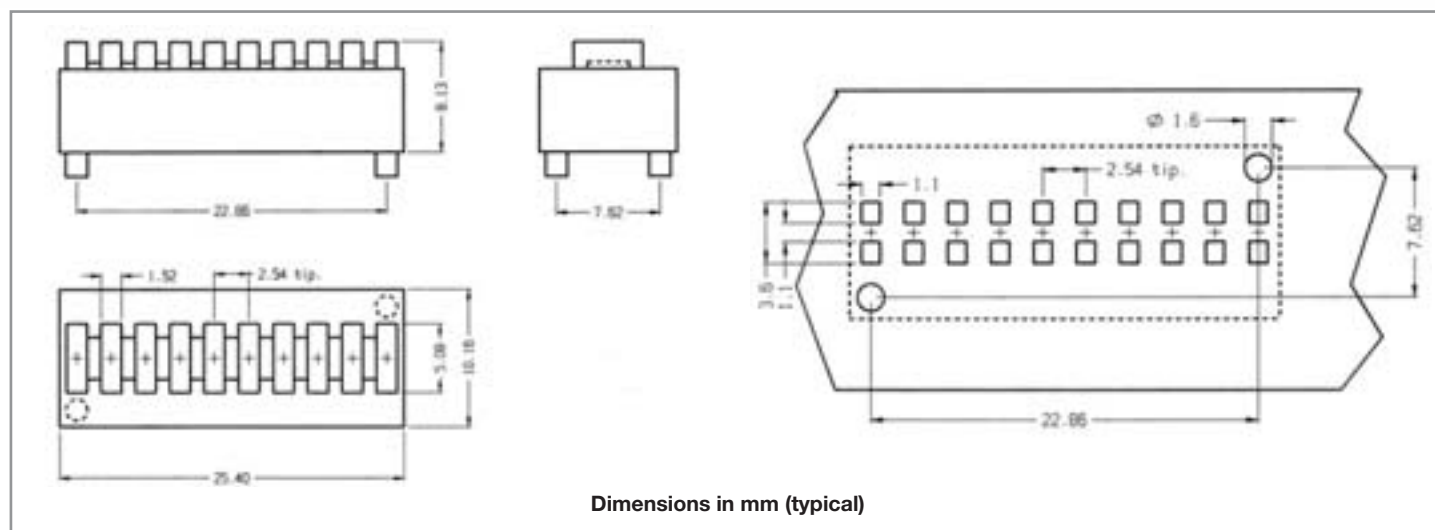
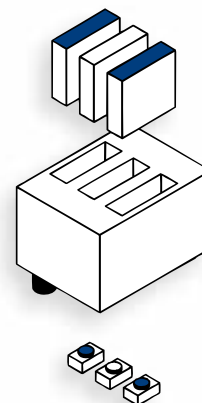
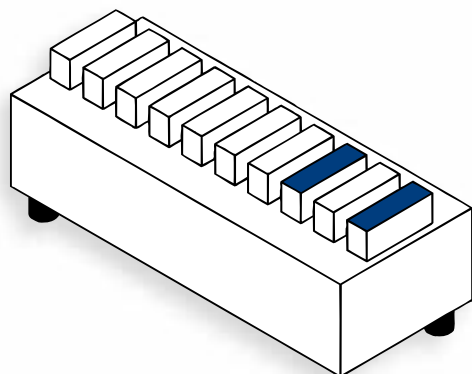


FEATURES

- ▶ Helps to eliminate mixed technology PCB processing
- ▶ Excellent on/off contrast
- ▶ Choise 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) | | | | | | |
| KLB900 R | 25,40x10,16x8,13 | 1,52x5,08x10led | 10 | Red 660 | 11,7 | 20 |
| KLB900 O | 25,40x10,16x8,13 | 1,52x5,08x10led | 10 | Orange 605 | 3,7 | 20 |
| KLB900 Y | 25,40x10,16x8,13 | 1,52x5,08x10led | 10 | Yellow 580 | 3,7 | 20 |
| KLB900 YG | 25,40x10,16x8,13 | 1,52x5,08x10led | 10 | Yellow-Green 570 | 11,7 | 20 |
| KLB900 G | 25,40x10,16x8,13 | 1,52x5,08x10led | 10 | Green 560 | 6,4 | 20 |
| KLB900 PG | 25,40x10,16x8,13 | 1,52x5,08x10led | 10 | Pure-Green 555 | 2,7 | 20 |
| KLB900 UG | 25,40x10,16x8,13 | 1,52x5,08x10led | 10 | Blue-Green 502 | 34 | 20 |
| KLB900 U | 25,40x10,16x8,13 | 1,52x5,08x10led | 10 | Blu 467 | 14 | 20 |
| KLB900 M | 25,40x10,16x8,13 | 1,52x5,08x10led | 10 | 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

