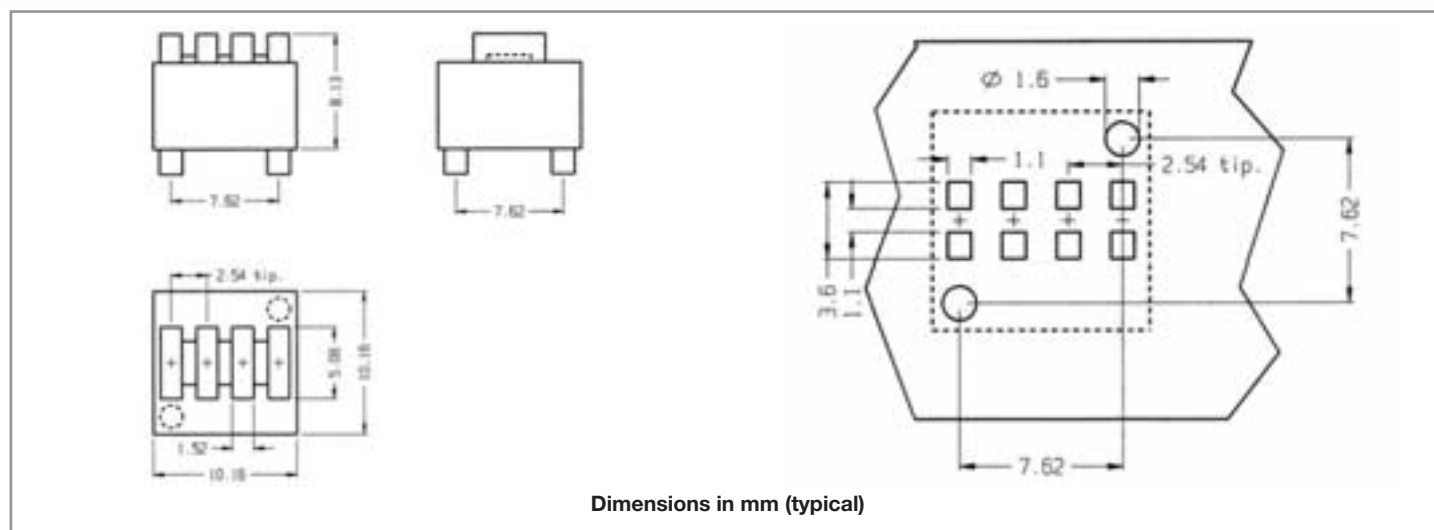
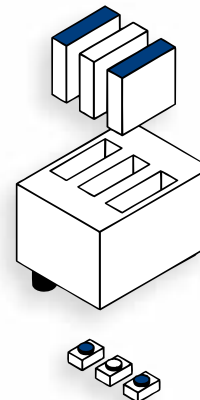
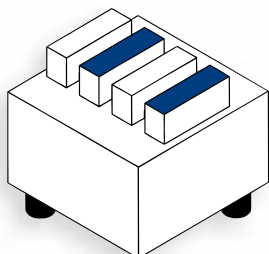


**FEATURES**

- ▶ 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
<b>SMD (0805)</b>						
<b>KLB940 R</b>	10,16x10,16x8,13	1,52x5,08x4led	4	Red 660	11,7	20
<b>KLB940 O</b>	10,16x10,16x8,13	1,52x5,08x4led	4	Orange 605	3,7	20
<b>KLB940 Y</b>	10,16x10,16x8,13	1,52x5,08x4led	4	Yellow 580	3,7	20
<b>KLB940 YG</b>	10,16x10,16x8,13	1,52x5,08x4led	4	Yellow-Green 570	11,7	20
<b>KLB940 G</b>	10,16x10,16x8,13	1,52x5,08x4led	4	Green 560	6,4	20
<b>KLB940 PG</b>	10,16x10,16x8,13	1,52x5,08x4led	4	Pure-Green 555	2,7	20
<b>KLB940 UG</b>	10,16x10,16x8,13	1,52x5,08x4led	4	Blue-Green 502	34	20
<b>KLB940 U</b>	10,16x10,16x8,13	1,52x5,08x4led	4	Blu 467	14	20
<b>KLB940 M</b>	10,16x10,16x8,13	1,52x5,08x4led	4	Multicolor	<b>Indicate your colours</b>	

**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

