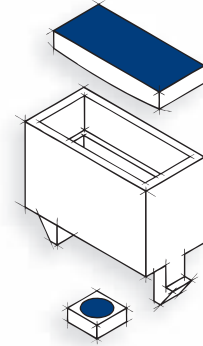
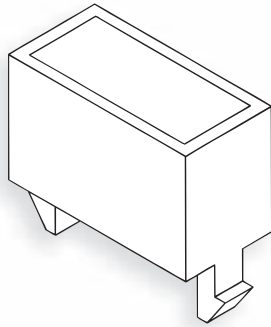


FEATURES

- ▶ Helps to eliminate mixed technology PCB processing
- ▶ Excellent on/off contrast
- ▶ Choice of 9 bright colors
- ▶ Uniform light area
- ▶ Easily mounted on PCB by snap-in
- ▶ Arrangeable in rows
- ▶ Industry Standard Footprint

- ▶ 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
- ▶ Flush mountable
- ▶ 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	Vf (Volt) @ 20mA	Case Colour
SMD (PLCC2 3,2x2,8)								
KLB400 W-Y	20,32x4,953x10,16	19,050x3,81	2	Yellow 590	138	20	2,2	White
KLB400 Y-Y	20,32x4,953x10,16	19,050x3,81	2	Yellow 590	138	20	2,2	Yellow
KLB400 W-YL	20,32x4,953x10,16	19,050x3,81	2	Yellow 590	5	2	2,1	White
KLB400 Y-YL	20,32x4,953x10,16	19,050x3,81	2	Yellow 590	5	2	2,1	Yellow
KLB400 W-A	20,32x4,953x10,16	19,050x3,81	2	Amber 615	149	20	2,1	White
KLB400 Y-A	20,32x4,953x10,16	19,050x3,81	2	Amber 615	149	20	2,1	Yellow
KLB400 W-W	20,32x4,953x10,16	19,050x3,81	2	White $x=0,30 y=0,32$	180	20	4,2	White
KLB400 W-R	20,32x4,953x10,16	19,050x3,81	2	Red 630	90	20	2,2	White
KLB400 R-R	20,32x4,953x10,16	19,050x3,81	2	Red 630	90	20	2,2	Red
KLB400 W-RL	20,32x4,953x10,16	19,050x3,81	2	Red 628	5	2	2,2	White
KLB400 R-RL	20,32x4,953x10,16	19,050x3,81	2	Red 628	5	2	2,2	Red
KLB400 W-U	20,32x4,953x10,16	19,050x3,81	2	Blue 470	47	20	4,5	White
KLB400 U-U	20,32x4,953x10,16	19,050x3,81	2	Blue 470	47	20	4,5	Blue
KLB400 W-G	20,32x4,953x10,16	19,050x3,81	2	Green 570	120	20	2,1	White
KLB400 G-G	20,32x4,953x10,16	19,050x3,81	2	Green 570	120	20	2,1	Green
KLB400 W-GL	20,32x4,953x10,16	19,050x3,81	2	Green 570	5	2	2,1	White
KLB400 G-GL	20,32x4,953x10,16	19,050x3,81	2	Green 570	5	2	2,1	Green
KLB400 W-I	20,32x4,953x10,16	19,050x3,81	2	Super red 635	185	20	2,2	White
KLB400 R-I	20,32x4,953x10,16	19,050x3,81	2	Super red 635	185	20	2,2	Red
KLB400 W-B	20,32x4,953x10,16	19,050x3,81	2	Bi-color 630/570	20/20	10	2,2	White

PTH (ø 3 mm LED)								
KLB410 W-Y	20,32x4,953x10,16	19,050x3,81	2	Yellow 590	25	20	2,2	White
KLB410 Y-Y	20,32x4,953x10,16	19,050x3,81	2	Yellow 590	25	20	2,2	Yellow
KLB410 W-YL	20,32x4,953x10,16	19,050x3,81	2	Yellow 590	5	2	2,1	White
KLB410 Y-YL	20,32x4,953x10,16	19,050x3,81	2	Yellow 590	5	2	2,1	Yellow
KLB410 W-A	20,32x4,953x10,16	19,050x3,81	2	Amber 615	136	20	2,1	White
KLB410 Y-A	20,32x4,953x10,16	19,050x3,81	2	Amber 615	136	20	2,1	Yellow
KLB410 W-W	20,32x4,953x10,16	19,050x3,81	2	White $x=0,30 y=0,32$	300	20	4,2	White
KLB410 W-R	20,32x4,953x10,16	19,050x3,81	2	Red 625	32	20	2,2	White
KLB410 R-R	20,32x4,953x10,16	19,050x3,81	2	Red 625	32	20	2,2	Red
KLB410 W-RL	20,32x4,953x10,16	19,050x3,81	2	Red 625	5	2	2,2	White
KLB410 R-RL	20,32x4,953x10,16	19,050x3,81	2	Red 625	5	2	2,2	Red
KLB410 W-U	20,32x4,953x10,16	19,050x3,81	2	Blue 470	405	20	4,3	White
KLB410 U-U	20,32x4,953x10,16	19,050x3,81	2	Blue 470	405	20	4,3	Blue
KLB410 W-G	20,32x4,953x10,16	19,050x3,81	2	Green 565	30	20	2,1	White
KLB410 G-G	20,32x4,953x10,16	19,050x3,81	2	Green 565	30	20	2,1	Green
KLB410 W-GL	20,32x4,953x10,16	19,050x3,81	2	Green 565	5	2	2,1	White
KLB410 G-GL	20,32x4,953x10,16	19,050x3,81	2	Green 565	5	2	2,1	Green
KLB410 W-I	20,32x4,953x10,16	19,050x3,81	2	Super red 625	85	20	2,2	White
KLB410 R-I	20,32x4,953x10,16	19,050x3,81	2	Super red 625	85	20	2,2	Red
KLB410 W-B	20,32x4,953x10,16	19,050x3,81	2	Bi-color 625/565	30/30	20	2,2	White

