SURFACE MOUNT LED LAMPS

Features

Super thin package, wide viewing angle
Reverse surface mount LEDs
Low power consumption
Ideal for backlight and indicator
Available in blue and other colors
Various lens types and inner lens type

Descriptions

The bright red source color devices are made with Gallium Phosphide Red LED.
The super bright green source color devices are made with Gallium Phosphide Green LED.
The high efficiency red source color devices are made with Gallium Arsenide Phosphide on Gallium Phosphide Orange LED.
The yellow source color devices are made with Gallium Arsenide Phosphide on Gallium Phosphide Yellow LED.
The super bright red source color devices are made with Gallium Aluminum Arsenide red LED.
The super bright yellow source color devices are made with DH InGaAlP on GaAs substrate LED.

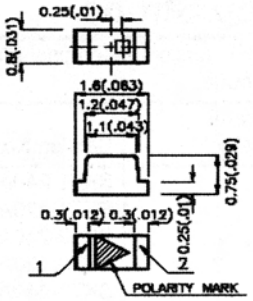

Fig. 1

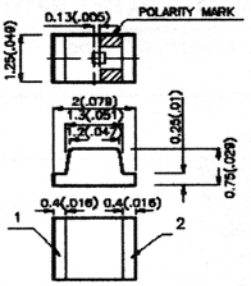

Fig. 2

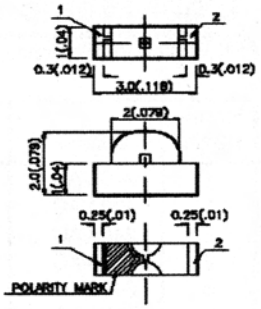

Fig. 3

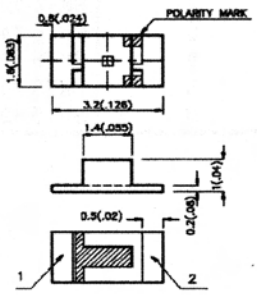

Fig. 4

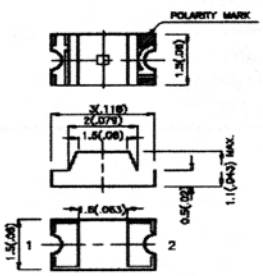

Fig. 5

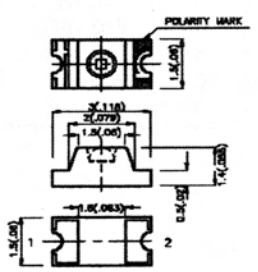

Fig. 6

1.6mm x 0.8mm x 0.75mm (0603 Super Thin SMT LED)

Fig. No.	Kingbright Part No.	Emitted Color	Peak Wave-Length (nm)	Iv (mcd) @20mA	
				Min.	Max.
	KPT1608SRWPRV	Red	660	40	70
	KPT1608NW	Orange	610	5	12.5
1	KPT1608PYW	Yellow	580	3.2	8
	KPT1608QYW	Yellow	565	3.2	12.5
	KPT1608QGW	Green	560	3.2	8
	KPT1608PGW	Pure Gm.	555	0.8	3.2

2.0mm x 1.2mm x 0.75mm (0805 Super Thin SMT LED)

Fig. No.	Kingbright Part No.	Emitted Color	Peak Wave-Length (nm)	Iv (mcd) @20mA	
				Min.	Max.
	KPT2012SRWPRV	Red	660	40	70
	KPT2012NW	Orange	610	5	12.5
2	KPT2012PYW	Yellow	580	3.2	8
	KPT2012QYW	Yellow	565	3.2	12.5
	KPT2012QGW	Green	560	3.2	8
	KPT2012PGW	Pure Gm.	555	0.8	3.2

3.0mm x 1.0mm (1104 Right Angle SMT LED)

Fig. No.	Kingbright Part No.	Emitted Color	Peak Wave-Length (nm)	Iv (mcd) @20mA	
				Min.	Max.
	KPA3010SRCPRV	Red	660	40	70
	KPA3010NC	Orange	610	5	12.5
3	KPA3010PYC	Yellow	580	3.2	8
	KPA3010QYC	Yellow	565	3.2	12.5
	KPA3010QGC	Green	560	3.2	8
	KPA3010PGC	Pure Gm.	555	0.8	3.2

3.2mm x 1.6mm x 1.05mm (1206 Reverse Angle SMT LED)

Fig. No.	Kingbright Part No.	Emitted Color	Peak Wave-Length (nm)	Iv (mcd) @20mA	
				Min.	Max.
	KPTR3216SRWPRV	Red	660	40	70
	KPTR3216NW	Orange	610	5	12.5
4	KPTR3216PYW	Yellow	580	3.2	8
	KPTR3216QYW	Yellow	565	3.2	12.5
	KPTR3216QGW	Green	560	3.2	8
	KPTR3216PGW	Pure Gm.	555	0.8	3.2

3.0mm x 1.5mm x 1.1mm (1106 SMT LED)

Fig. No.	Kingbright Part No.	Emitted Color	Peak Wave-Length (nm)	Iv (mcd) @20mA	
				Min.	Max.
	KP3015SRCPRV	Red	660	40	70
	KP3015NC	Orange	610	5	12.5
5	KP3015PYC	Yellow	580	3.2	8
	KP3015QYC	Yellow	565	3.2	12.5
	KP3015QGC	Green	560	3.2	8
	KP3015PGC	Pure Gm.	555	0.8	3.2

3.0mm x 1.5mm x 1.1mm (1106 SMT LED)

Fig. No.	Kingbright Part No.	Emitted Color	Peak Wave-Length (nm)	Iv (mcd) @20mA	
				Min.	Max.
	KPL3015SRCPRV	Red	660	40	80
	KPL3015NC	Orange	610	5	16
6	KPL3015PYC	Yellow	580	3.2	12.5
	KPL3015QYC	Yellow	565	5	16
	KPL3015QGC	Green	560	3.2	8
	KPL3015PGC	Pure Gm.	555	0.8	3.2