

# KPBA-3010

## SMD LED

- The High Efficiency Red source color devices are made with Gallium Arsenide Phosphide on Gallium Phosphide Orange Light Emitting Diode.
- The Super Bright Green source color devices are made with Gallium Phosphide Green Light Emitting Diode.

## FEATURES

- 3.0mm x 1.0mm Right Angle SMT LED, 2.0mm thickness
- Low power consumption
- Wide Viewing Angle
- Ideal for backlight and indicator
- Various colors and lens types available
- Package: 2000pcs/ Reel
- Moisture sensitivity Level: Level 3
- RoHS compliant

## SELECTION GUIDE

Part No.	Material	$\lambda D$ (nm)	Lens Type	Iv (mcd)		Viewing Angle
				@20mA		
				Min.	Type.	2 $\theta$ 1/2
KPBA-3010ESGC	GaAsP/GaP	625	water clear	4	12	140°
	GaP	568	water clear	4	12	140°
KPBA-3010YSGC	GaAsP/GaP	588	water clear	2.6	6	140°
	GaP	568	water clear	4	12	140°
KPBA-3010SRSGC-PRV	GaAlAs	640	water clear	50	80	140°
	GaP	568	water clear	4	12	140°
KPBA-3010SURKSGC	InGaAlP	635	water clear	110	200	140°
	GaP	568	water clear	4	12	140°
KPBA-3010SURKQBDC	InGaAlP	635	water clear	110	200	140°
	AllnGaN	470	water clear	36	90	140°
KPBA-3010SURKMGKC	InGaAlP	635	water clear	110	200	140°
	InGaAlP	570	water clear	36	80	140°
KPBA-3010SYKCGKC	InGaAlP	590	water clear	50	150	140°
	InGaAlP	570	water clear	18	50	140°

Notes:

1.  $\theta$ 1/2 is the angle from optical centerline where the luminous intensity is 1/2 the optical centerline value.
2. Luminous intensity / luminous Flux: +/- 15%

## DIMENSION

3.0mm x 1.0mm x 2mm (1104 Right Angle, Bi-Color)

