

# SMD LED

The Hyper Red source color devices are made with InGaAIP on GaAs substrate Light Emitting Diode

## FEATURES

- Single color
- Suitable for all SMT assembly and solder process
- Available on tape and reel
- Ideal for backlighting
- Package: 500pcs/ Reel
- Moisture sensitivity Level: Level 4
- RoHS compliant

## SELECTION GUIDE

Part No.	Material	$\lambda$ D(nm)	Lens Type	Iv (mcd)		Viewing Angle
				@20mA		
				Min.	Type.	2 $\theta$ 1/2
KA-4040SURCK	InGaAIP	635	water clear	70	180	90°
KA-4040SEC	InGaAIP	601	water clear	180	350	90°
KA-4040SECK	InGaAIP	601	water clear	70	200	90°
KA-4040SYC	InGaAIP	588	water clear	50	150	90°
KA-4040SYCK	InGaAIP	590	water clear	50	120	90°
KA-4040SGS	InGaAIP	568	water clear	50	100	90°
KA-4040CGCK	InGaAIP	570	water clear	36	70	90°
KA-4040ZGC	AllnGaN	525	water clear	480	800	90°
KA-4040VGC-A	InGaN	525	water clear	70	200	90°
KA-4040VGC-Z	InGaN	535	water clear	650	1300	90°
KA-4040PBC-A	InGaN	470	water clear	36	120	90°
KA-4040PBS-Z	InGaN	465	water clear	110	280	120°

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

4.0mm x 4.0mm Right Angle

