

RIGHT ANGLE SMD LED

Part Number	Material	$\lambda_D$ (nm)	Lens Type	Iv (mcd) @20mA		Viewing Angle 2 $\theta$ 1/2	Dimensions
				Min.	Typ.		
KPGA-1602CGC-KA	AlGaInP	● 571	water clear	12	30	150°	<p>1.6mm x 0.9mm x 0.2mm (Right Angle)</p> <p>Units : mm(inch) Tolerance : ±0.1(0.004)</p>
KPA-1606SURCK	AlGaInP	● 630	water clear	40	80	110°	<p>1.6mm x 1.2mm x 0.6mm (Right Angle)</p> <p>Units : mm(inch) Tolerance : ±0.1(0.004)</p>
KPA-1606SECK	AlGaInP	● 605	water clear	80	180	110°	
KPA-1606SYCK	AlGaInP	● 590	water clear	80	150	110°	
KPA-1606CGCK	AlGaInP	● 570	water clear	20	50	110°	
KPA-1606ZGC	InGaN	● 525	water clear	200	400	110°	
KPA-1606VBC-D	InGaN	● 470	water clear	120	200	110°	
KPA-1606QBC-D	InGaN	● 465	water clear	40	80	110°	
KPA-2107SURCK	AlGaInP	● 630	water clear	40	80	140°	<p>2.1mm x 1.0mm x 0.6mm (Right Angle)</p> <p>Units : mm(inch) Tolerance : ±0.1(0.004)</p>

NOTES:

1. KP series custom-made is available upon request.
2. Luminous intensity value is traceable to CIE127-2007 standards.


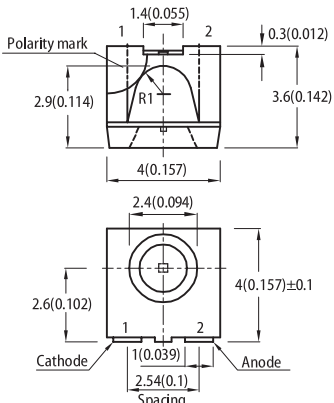
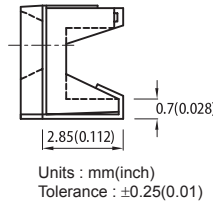
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				Min.	Typ.		
KA-2810ASURSK	AlGaInP	630	water clear	40	100	110°	<p>2.8mm x 1.2mm x 0.8mm (Right Angle)</p>  <p>KA-2810A</p>   <p>Units : mm (inch) Tolerance : <math>\pm 0.1(0.004)</math></p>
KA-2810ASESK-J3	AlGaInP	625	water clear	300	500	110°	
KA-2810ACGSK	AlGaInP	570	water clear	40	70	110°	
KA-2810AZGS	InGaN	525	water clear	500	850	110°	
KA-2810AZGS-G	InGaN	525	water clear	1000	1400	110°	
KA-2810AVBS-D	InGaN	470	water clear	200	350	110°	
KPA-3010EC	GaAsP/GaP	617	water clear	3	6	120°	<p>3.0mm x 2.0mm x 1.0mm (Right Angle)</p>  <p>KA-3010</p>  <p>Units : mm (inch) Tolerance : <math>\pm 0.15(0.006)</math></p>
KPA-3010SURCK	AlGaInP	630	water clear	40	80	120°	
KPA-3010SECK	AlGaInP	605	water clear	80	180	120°	
KPA-3010YC	GaAsP/GaP	588	water clear	3	6	120°	
KPA-3010SYCK	AlGaInP	590	water clear	80	150	120°	
KPA-3010SGC	GaP	568	water clear	5	12	120°	
KPA-3010CGCK	AlGaInP	570	water clear	20	50	120°	
KPA-3010ZGC	InGaN	525	water clear	200	400	120°	
KPA-3010QBC-D	InGaN	465	water clear	40	80	120°	
KA-4008VBS-D	InGaN	470	water clear	300	450	120°	


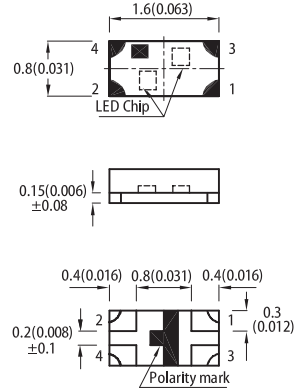
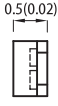
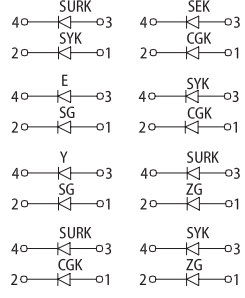

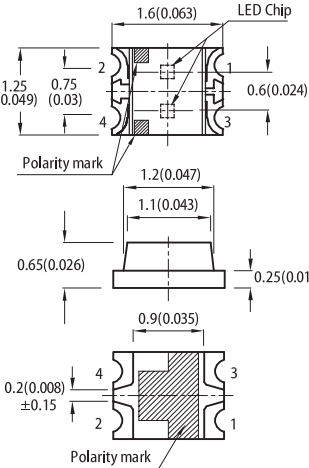
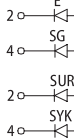
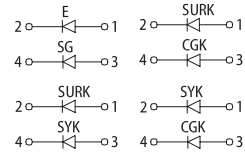
**NOTES:**

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				Min.	Typ.		
KA-4040SURCKT	AlGaInP	630	water clear	80	150	120°	4.0mm x 4.0mm (Right Angle)   
KA-4040SYCKT	AlGaInP	590	water clear	120	250	120°	
KA-4040CGCKT	AlGaInP	570	water clear	40	90	120°	
KA-4040QBS-D	InGaN	465	water clear	80	220	120°	

MULTI-COLOR SMD LED

Part Number	Material	$\lambda_D$ (nm)	Lens Type	Iv (mcd) @20mA		Viewing Angle 2 $\theta$ 1/2	Dimensions
				Min.	Typ.		
KPHB-1608SYKSURKC-GX	AlGaInP	590	water clear	80	150	130°	1.6mm x 0.8mm x 0.5mm (0603 Bi-Color)    
	AlGaInP	630		40	90		
KPHB-1608SGEC-GX	GaP	568	water clear	5	15	130°	
	GaAsP/GaP	617		5	12		
KPHB-1608SGYC-GX	GaP	568	water clear	5	15	130°	
	GaAsP/GaP	588		3	5		
KPHB-1608CGKSURKC-GX	AlGaInP	570	water clear	20	50	130°	
	AlGaInP	630		40	90		
KPHB-1608CGKSEKC-GX	AlGaInP	570	water clear	20	50	130°	
	AlGaInP	605		80	200		
KPHB-1608CGKSYKC-GX	AlGaInP	570	water clear	20	50	130°	
	AlGaInP	590		80	150		
KPHB-1608ZGSURKC-GX	InGaN	525	water clear	200	400	130°	
	AlGaInP	630		40	90		
KPHB-1608ZGSYKC-GX	InGaN	525	water clear	200	400	130°	
	AlGaInP	590		80	150		
KPHB-1608QBDSURKC-GX	InGaN	465	water clear	40	70	130°	
	AlGaInP	630		40	90		
KPHB-1608QBDSYKC-GX	InGaN	465	water clear	40	70	130°	
	AlGaInP	590		80	150		
KPHB-1608QBDCGKC-GX	InGaN	465	water clear	40	70	130°	
	AlGaInP	570		20	50		
KPTB-1612ESGC	GaAsP/GaP	617	water clear	3	7	150°	1.6mm x 1.25mm x 0.65mm (Bi-Color)    
	GaP	568		5	12		
KPTB-1612SURKSYKC	AlGaInP	630	water clear	40	80	150°	
	AlGaInP	590		80	120		
KPTB-1612SURKCGKC	AlGaInP	630	water clear	40	80	150°	
	AlGaInP	570		20	50		
KPTB-1612SYKCGKC	AlGaInP	590	water clear	80	120	150°	
	AlGaInP	570		20	50		