



Part No.	Material	λ D (nm)	Lens Type	Iv (mcd) @20mA		Viewing Angle 2θ1/2	Dimension	
				Min.	Typ.			
KPHBM-2012CGKSEKC	InGaAlP	570	water clear	36	80	120°	<p>2.0mm x 1.25mm x 0.45mm (Bi-Color)</p> <p>LED CHIP</p> <p>2[0.079]</p> <p>1.25[.049]</p> <p>1.3[.051]</p> <p>1.2[.047]</p> <p>0.15[.006]</p> <p>0.4[.016]</p> <p>0.45[.018]MAX</p> <p>0.5[0.02]</p> <p>0.5[0.02]</p> <p>0.45[.018]</p> <p>POLARITY MARK</p> <p>Units : mm(inch) Tolerance : ±0.1(0.004)</p>	
	InGaAlP	601		110	250			
KPHBM-2012PBACGKC	InGaN	470	water clear	18	50	120°		
	InGaAlP	570		36	80			
KPHBM-2012PBASURKC	InGaN	470	water clear	18	50	120°		
	InGaAlP	635		70	200			
KPHBM-2012SURKCGKC	InGaAlP	635	water clear	70	200	120°		
	InGaAlP	570		36	80			
KPBA-3010ESGC	GaAsP/GaP	625	water clear	4	12	140°		<p>3.0mm x 1.0mm x 2mm (1104 Right Angle, Bi-Color)</p> <p>0.35[.014]</p> <p>0.35[.014]</p> <p>3[.118]</p> <p>1[.04]</p> <p>2[.079]</p> <p>1[.04]±0.2</p> <p>0.4[.016]</p> <p>0.2[.008]</p> <p>0.58[.023]</p> <p>0.8[.032]</p> <p>0.4[.016]</p> <p>POLARITY MARK</p> <p>Units : mm(inch) Tolerance : ±0.15(0.006)</p>
	GaP	568		4	12			
KPBA-3010YSGC	GaAsP/GaP	588	water clear	2.6	6	140°		
	GaP	568		4	12			
KPBA-3010SRSGC-PRV	GaAlAs	640	water clear	50	80	140°		
	GaP	568		4	12			
KPBA-3010SURKSGC	InGaAlP	635	water clear	110	200	140°		
	GaP	568		4	12			
KPBA-3010SURKQBDC	InGaAlP	635	water clear	110	200	140°		
	AlInGaN	470		36	90			
KPBA-3010SURKMGKC	InGaAlP	635	water clear	110	200	140°		
	InGaAlP	570		36	80			
KPBA-3010SYKCGKC	InGaAlP	590	water clear	50	150	140°		
	InGaAlP	570		18	50			
KPB-3025ESGC	GaAsP/GaP	625	water clear	4	12	120°	<p>3.0mm x 2.5mm x 1.1mm (1109 Bi-Color)</p> <p>3(.118)</p> <p>2(.079)</p> <p>1.5(.06)</p> <p>0.8(.031)</p> <p>1.5(.098)</p> <p>2.5(.098)</p> <p>0.5(.02)</p> <p>1.1(.043)MAX.</p> <p>1(.04)</p> <p>0.5(.02)</p> <p>1(.04)</p> <p>1(.04)</p> <p>0.5(.02)</p> <p>POLARITY MARK</p> <p>Units : mm(inch) Tolerance : ±0.2(0.008)</p>	
	GaP	568		4	12			
KPB-3025EYEC	GaAsP/GaP	625	water clear	4	12	120°		
	GaAsP/GaP	588		2.6	8			
KPB-3025SRSGC-PRV	GaAlAs	640	water clear	36	100	120°		
	GaP	568		4	12			
KPB-3025SRCGKC-PRV	GaAlAs	640	water clear	36	100	120°		
	InGaAlP	570		18	50			
KPB-3025NSGC	GaAsP/GaP	610	water clear	4	12	120°		
	GaP	568		4	12			
KPB-3025YSGC	GaAsP/GaP	588	water clear	2.6	8	120°		
	GaP	568		4	12			
KPB-3025SURKCGKC	InGaAlP	635	water clear	50	160	120°		
	InGaAlP	570		18	50			
KPB-3025PBASYKC	InGaN	470	water clear	18	60	120°		
	InGaAlP	590		50	130			

NOTE:
1.KP series custom-made is available upon request.