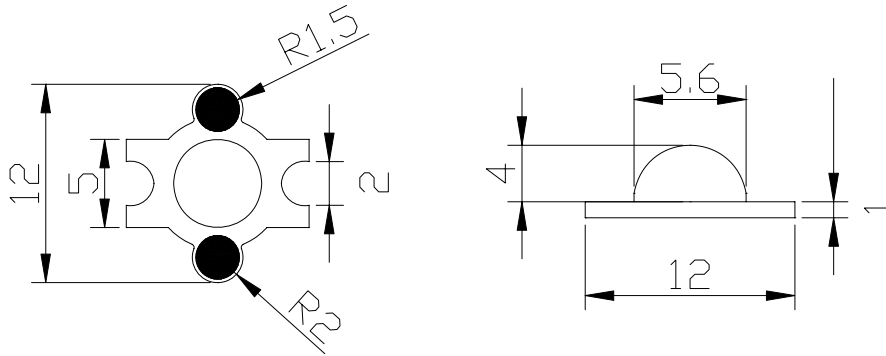




科宏光电(深圳)有限公司

KEHONG OPTO ELECTRONICS (SHENZHEN) CO., LTD.

High Power LED Module, 0.5W, 1W, 3W (模组形大功率发光二极管)



Maximum Ratings 最高额定值 (Ta=25°C)

Parameter	Symbol	Maximum Ratings						Unit
		Green Blue White			Red Yellow			
		0.5W	1W	3W	0.5W	1W	3W	
Power Dissipation	PD	500	1000	3000	500	1000	3000	mW
Forward Current (DC)	IF	150	350	750	150	350	750	mA
Peak Forward Current	IFP	500	1000	1500	500	1000	1500	mA
Reverse Voltage	VR	10			5			V
Electro Static Discharge	ESD	2000			2000			V
Operating Temperature	Topr	-40~135						°C
Storage Temperature	Tstg	-10~100						°C
Lead Soldering Temperature	Tsol	Max 260°C for 5 sec Max						

产品编号	外观颜色	发光颜色	功率 (W)	顺向电压	波长/色温	光通量	反向电流	视角			
Part Number	Lens Color	Emitting Color	Power 0.5W (150mA) 1W (350mA) 3W (750mA)	Forward Voltage (V)		DW/CCT (nm/K)		Luminous Flux (Lm)		Reverse Current (μA) VR=5V	Viewing Angle (deg) θ 1/2
				Typ	Max	Typ	Max	Typ	Max		
KH-HP031OURC-05	Water Clear	Red	0.5	2.2	2.8	620	635	8	15	≤50	30/60/90/120
KH-HP031OUYC-05	Water Clear	Yellow	0.5	2.2	2.8	585	595	7	13	≤50	30/60/90/120
KH-HP031OPGC-05	Water Clear	Green	0.5	3.6	4.5	520	530	10	20	≤50	30/60/90/120
KH-HP031OUBC-05	Water Clear	Blue	0.5	3.6	4.5	465	475	6	10	≤50	30/60/90/120
KH-HP0310WUC-05	Water Clear	White	0.5	3.6	4.5	3800	9000	18	28	≤50	30/60/90/120
KH-HP031OURC-10	Water Clear	Red	1	2.2	2.8	620	635	20	30	≤50	30/60/90/120
KH-HP031OURC-10	Water Clear	Yellow	1	2.2	2.8	585	595	15	25	≤50	30/60/90/120
KH-HP031OURC-10	Water Clear	Green	1	3.6	4.5	520	530	25	35	≤50	30/60/90/120
KH-HP031OURC-10	Water Clear	Blue	1	3.6	4.5	465	475	15	25	≤50	30/60/90/120
KH-HP031OURC-10	Water Clear	White	1	3.6	4.5	3800	9000	55	90	≤50	30/60/90/120
KH-HP031OURC-30	Water Clear	Red	3	2.2	2.8	620	635	45	80	≤50	30/60/90/120
KH-HP031OURC-30	Water Clear	Yellow	3	2.2	2.8	585	595	35	70	≤50	30/60/90/120
KH-HP031OURC-30	Water Clear	Green	3	3.6	4.5	520	530	40	75	≤50	30/60/90/120
KH-HP031OURC-30	Water Clear	Blue	3	3.6	4.5	465	475	30	55	≤50	30/60/90/120
KH-HP031OURC-30	Water Clear	White	3	3.6	4.5	3800	9000	80	115	≤50	30/60/90/120