

BC- 5W2UC794WKD140

2.8卡

Description 产品描述:

- 5mm 凹面柱状灯
- Lens Color 胶体颜色: 无色透明
- Emission Color 发光颜色: Ultra bright White 甚高亮白光
- Viewing Angle 半功率视角: 140°
- No Stopper 无卡位
- Dice Material 晶片材质: InGaN

Absolute Maximum Ratings($T_a=25^\circ\text{C}$) 最大限度性能参数($T_a=25^\circ\text{C}$)

Items 项	Symbol 符号	Absolute maximum Rating 最大限度	Unit 单位
DC Forward Current 正向电流*	I	2	mA
Peak Forward Current*正向峰值电	I	10	mA
Reverse Voltage 反向电压	V	5	V
Power Dissipation 消耗功率	P	7	mW
Operation Temperature 工作温度	T_o	-40~	$^\circ\text{C}$
Storage Temperature 储存温度	T_s	-40~	$^\circ\text{C}$
Lead Soldering Temperature	T_{sol}	Max. 260 $^\circ\text{C}$ for 5 sec Max. (3mm from the base of the epoxy bulb) 最大 260 $^\circ\text{C}$ 5 秒钟以内. (自胶体底部 3mm)	

*pulse width \leq 0.1msec duty \leq 1/10 脉冲宽度 \leq 0.1msec 占空比 \leq 1/10

Typical Electrical & Optical Characteristics($T_a=25^\circ\text{C}$) 产品光电特性($T_a=25^\circ\text{C}$)

Items 项目	Symbol 符号	Condition 条件	Min. 最小值	Typ. 平均值	Max. 最大值	Unit 单位
Forward Voltage 正向电压	V _F	I _F =20mA	---	3.15	---	V
Reverse Current 反向电流	I _R	V _R =5V	---	---	10	μA
Dominant Wavelength 主波长	λ_D	I _F =20mA	---	---	---	nm
Luminous Intensity 发光强度	I _V	I _F =20mA	---	720	---	mcd
Color Temperature 色温	CCT	I _F =20mA	---	3000	---	K
50% power Angle 半功率角度	2 θ 1/2H-H	I _F =20mA	---	140	---	deg
	2 θ 1/2V-V	I _F =20mA	---	---	---	deg

Rank Combination (I_F=20mA) 档次分类(I_F=20mA)

Luminous Rank 亮度分类	500-700	700-900		
	√	√		

*Measurement Uncertainty of Luminous Intensity: $\pm 10\%$
亮度误差 $\pm 10\%$

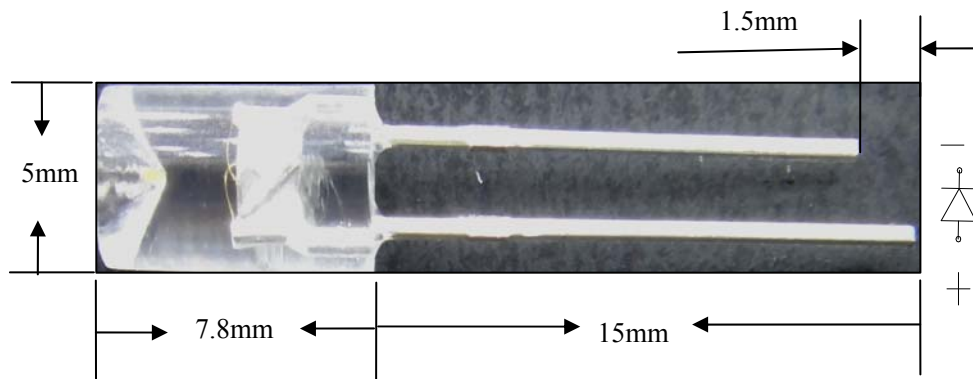
Unit单位:mcd

Forward Voltage Rank 工作电压分类	3.15-3.20	3.20-3.25	3.25-3.30	3.30-3.35	
	√	√	√		

*Measurement Uncertainty of Forward Voltage: $\pm 0.1\text{V}$
电压误差 $\pm 0.1\text{V}$

Unit单位:V

Outline Drawing 外形图:



NOTES 备注:

1. All dimensions are in mm tolerance is $\pm 0.25\text{mm}$ unless otherwise noted. 所有尺寸单位为 mm, 如无特殊说明误差范围为 $\pm 0.25\text{ mm}$.
2. An epoxy meniscus may extend about 0.5mm down the leads. 胶体沿支架延伸不可超过 0.5 mm.
3. Burr around bottom of epoxy may be 0.5mm max. 多胶不超过 0.5mm.