目录

Catalogue

亮度分档

:

代码	最小值	最大值	单位	测试条件
A5	400	500	mcd	IF=20mA
A6	500	700		
A8	900	1200		
A9	1200	1500		
E1	1500	1800		

电压分档

:

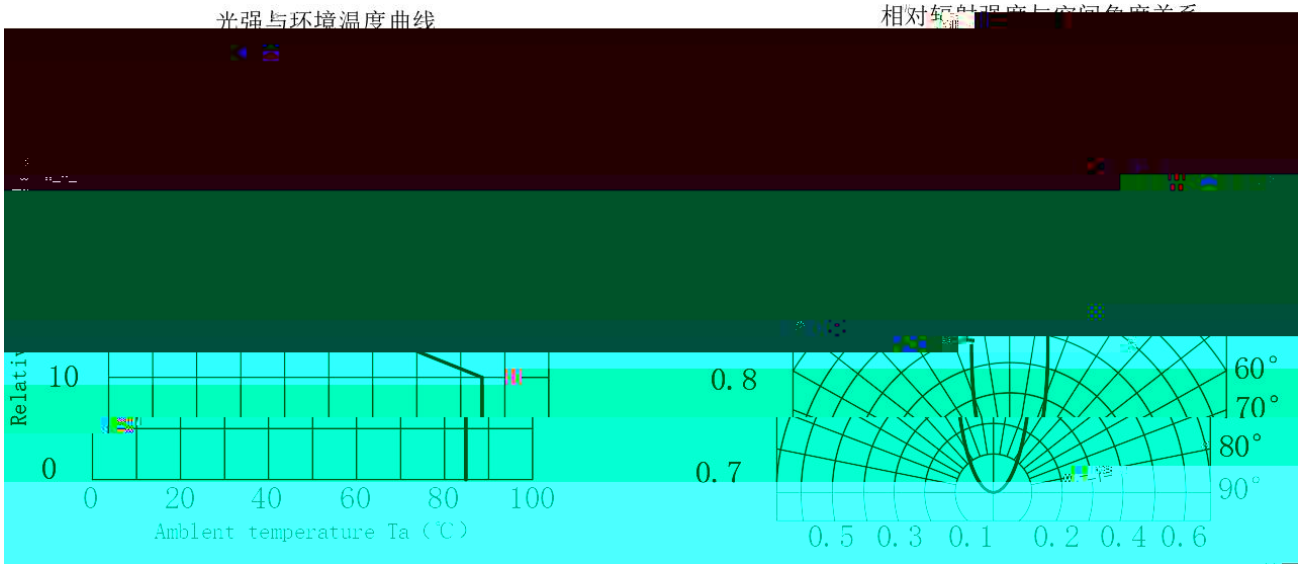
代码	最小值	最大值	单位	测试条件
N12-7	1.8	2.0	V	IF=20mA
N12-8	2.0	2.2		
N12-9	2.2	2.4		
N13-3	2.8	3.0		
N13-4	3.0	3.2		
N13-5	3.2	3.4		

波长分档

:

代码	最小值	最大值	单位	测试条件
HB04	460	465	nm	IF=20mA
HB05	465	470		
HB06	470	475		
HR04	630	635		

典型特性曲线


光强与环境温度曲线
10
0
0
20
40
60
80
100
Ambient temperature Ta (℃)
0.8
0.7
60°
70°
80°
90°
0.5 0.3 0.1 0.2 0.4 0.6

可靠性试验

Rehabinty Test Items And Conditions

Class	Test item	Testing environment	Testing time	Qty	Fail qty
Endurance test	Working life	Ta=25 ±5 ,IF=20mA	1000hrs	22 PCS	0/1
	High temperature and high humidity experiment	Ta= 85±5 , RH= 85 90%	1000hrs	22 PCS	0/1
	High-temperature storage	Ta= 85±5	1000hrs	22 PCS	0/1
	Low temperature storage	Ta= -40±5	1000hrs	22 PCS	0/1
Environmental testing	Cold and hot cycle	100 ±5 30mins 5mins -40 ±5 30mins	100 Circles	22 PCS	0/1
	Hot and cold impact	105 ±5 5mins -45 ±5 5mins	100 Circles	22 PCS	0/1
Mechanical Test	Resistance to Soldering Heat	T.sol= 250 ± 5	2times	22 PCS	0/1
	Lead Integrity	Load 2.5N(0.25kgf) 0°~ 90° ~0°	3times	22 PCS	0/1

外形尺寸

[redacted]

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(Note)

1.

Dimensions are in mill

包装

使用注意事項（1）

1.

LED LED

This LED can be used in some ordinary electronic equipment, such as office equipment, communication equipment, house decoration, if LED is used in some high reliability requirements, such as air transportation, traffic control and medical liao equipment, must refer to the information provided by sales.

LED 3

使用注意事项(2)

Precautions (2)

When welding, welding must be conducted below 2mm of colloid bottom. When welding, try to avoid soaking LED colloid. After welding, avoid adding external force on the pin or shaking LED colloid.

LED LED A LED LED

In the current driving mode of LED, if LED is multiple in parallel, it is recommended to use line A and add a flow limit resistance to each LED to ensure the consistent brightness of LED.

使用注意事項（3）

Precautions (3)

4、其他事項:

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*When handling the product, touching the encapsulant with bare hands will not only contaminate its surface, but also affect its optical characteristics. Excessive force to the encapsulant might result in catastrophic failure of the LEDs due