

- The Soldering Temperature is 260±5°C and Soldering Time should be less than 3 sec, and soldering iron power should be less than 30W.
 - The soldering point should be farther than 1.6mm from body .
 - 焊接温度260℃±5℃，焊接时间小于3秒，烙铁功率小于30W，
 - 焊接点应离产品实体大升.6 mm .
- TG-100H

4. 极限参数 ABSOLUTE MAXIMUM RATINGS

(除非特别说明，环境温度 Ta=25℃unless specified,The Ambient temperature Ta=25℃)

项目	Item	符号	Symbol	条件	Conditions	值	Rating	单位	Unit
* 极限直流正向电流	Absolute maxium forward current	Ifm				60		mA	
* 脉冲驱动时极限正向电流	Peak forward current	Ifp		1 msec脉冲, 1/10 占空比	1 msec Plus 1/10% Duty Cycle	50		mA	
反向电压	Reverse Voltage	Vr				5		V	
* 极限功耗	Power dissipation	Pd				144		mW	
工作温度	Operating Temperature Range	Topr				-30~+70		°C	
贮存温度	Storage Temperature Range	Tstg				-40~+80		°C	

5. 电 光特性ELECTRICAL–OPTICAL CHARACTERISTICS

(除非特别说明，环境温度 Ta=25℃unless specified,The Ambient temperature Ta=25℃)

项目	Item	符号	Symbol	橙色			绿色			单位	测定条件	Condition
				最小值	典型值	最大值	最小值	典型值	最大值			
正向电压	Forward Voltage	Vf		1.8	2.0	2.2	2.8		3.0	V	If=15*3	mA
反向电流	Reverse Current	Ir			10*2			10*2		μA	Vr=5	V
主波长	Dominant wave length	λD		590		600	515		520	nm	If=15*3	mA
频谱半宽度	Spectral Line Half width	△λ			25			25		nm	If=15*3	mA
* 亮度	Luminance	Lv		20	40		100	120		cd/m ²	If=15*3	mA

* 亮度值是 5 个测量点的平均值, 亮度最小值比最大值一般大于 75%

使用 BM-7 亮度色度仪测量, 测量光圈 ϕ 5 mm, 工作寿命=50000小时

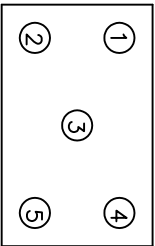
The luminance is the average value of points, and

The Lvmín./Lvmax. is more than Typical

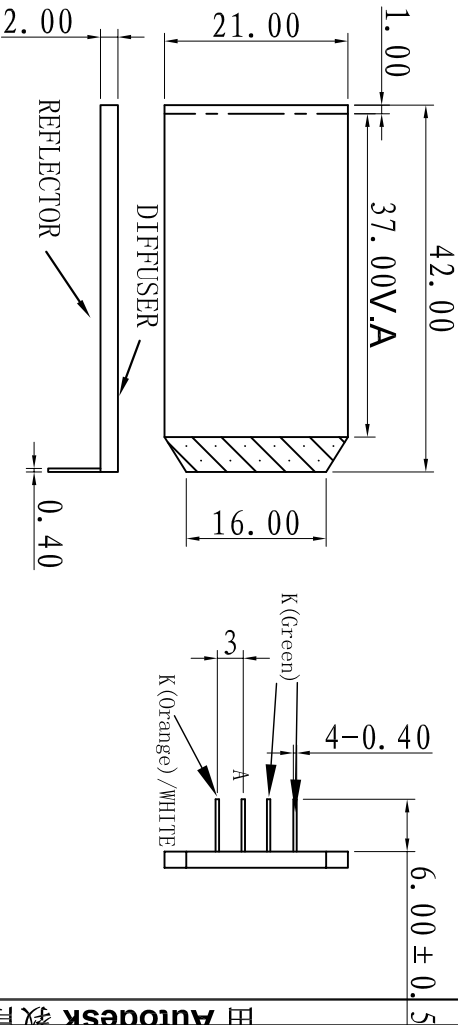
The measurement instrument is BM-7 luminance

Colorimeter.The aperture is ϕ mm. lifetime=50000h

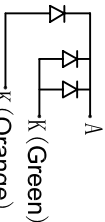
Drawing No:	REV:
图号:	版本



1. 结构尺寸 MECHANICAL OUTLINE
- 未注尺寸公差 Unspecified Tolerances ± 0.2
- COLOR : OR GREEN
- 颜色1 : Organe Green
- 颜色2 : White Green
- TG-100H



2. 电路图 CIRCUIT DIAGRAM (LED 1*3=3 dies)



NOTE:

1. 0 : REFERENCE DIMENSION.

2. ▽ : SPECIAL CHARACTERISTIC.

3. 保存和焊接条件 STORAGE & SOLDERING CONDITIONS:

- Store with care. Storing the units in bad condition will cause the reflector sheet and decrease it's adhesive power. Storage The products under the condition: temperature (25℃ ±10℃) and humidity (65%RH±20%RH) our recommendation.
- 注意保存, 保存条件不好时, 会降低反光膜 (扩散膜) 与导光片 (反射灯) 的粘附力
- 推荐保存条件为: 温度 25° C ±10° C 湿度 65%RH±20%RH

ISSUE	AMENDMENT	DATE:	ISSUE	AMENDMENT	DATE:	DESIGN:
标识	改正内容	日期	标识	改正内容	日期	设计 黄锦
						2009.07.14
						CHECKED:
						检查
						APPROVED:
						批准
Drawing No:	REV:		Drawing No:	版本		
图号:			图号:	A		