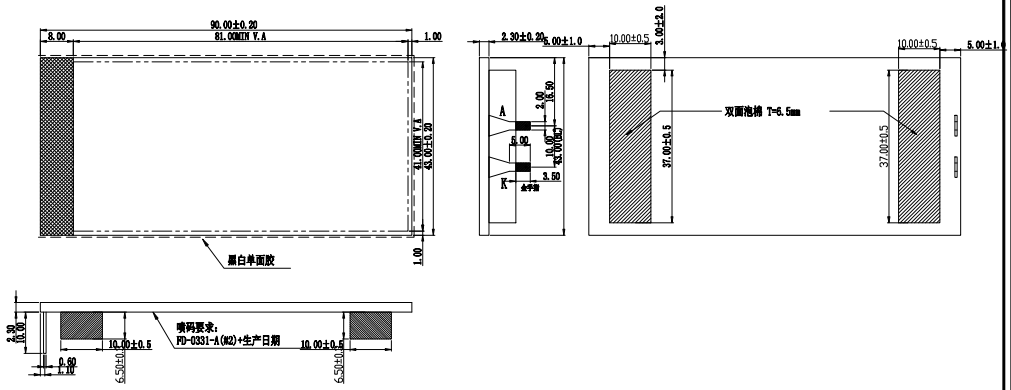
1. 结构尺寸 MECHANICAL OUTLINE

(未注尺寸公差Unspecified Tolerances is:) .xx ± 0.3 .x ± 0.3

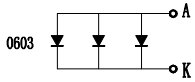
UNIT: mm

COLOR : W

颜 色 : 白色



2. 电路图 CIRCUIT DIAGRAM (LED 3 dies)



NOTE:
1. (): 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° c ±10° C) 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(反射壳)的粘附力.
  推荐保存条件为 : 温度 25° C±10° C
  湿度 65%RH±20%RH

ISSUE 标识	AMENDMENT 改正内容	Date: 日期				DESIGN: 设计
1	增加海绵垫	20.4.24				CHECKED: 检查
						COUNTERSIGN: 会签
			Drawing No: 图号:	RHL1737.2.01	REV: 版本 A1	APPROVED: 批准

深圳市鑫美芝实业有限公司
SHENZHEN XINMEIZHI INDUSTRY CO.,LTD
RHL1737A-05
FD-0331-BL-W-A
LED BACKLIGHT FOR LCD DISPLAY

- 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° C±5° C,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于 1.6 mm .

4. 极限参数 ABSOLUTE MAXIMUM RATINGS

(除非特别说明,环境温度 Ta=25° C) (Unless Otherwise Specified, The Ambient temperature Ta=25° C)

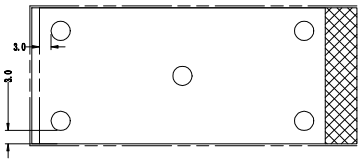
项目 Item	符号 Symbel	条件 Conditions	值 Rating	单位 Unit
* 极限直流正向电流 Absolute maximum forward current	Ifm		25*3	mA
* 脉冲驱动时极限正向电流 Peak forward current	Ifp	1 msec 脉冲,1/10占空比 1 msec Plus 10% Duty Cycle	75*3	mA
反向电压 Reverse Voltage	Vr		5.0	V
* 极限功耗 Power dissipation	Pd		80*3	mW
工作温度 Operating Temperature Range	Topr		-20~+70	° C
贮存温度 Storage Temperature Range	Tstg		-30~+80	° C

4. 电.光特性 ELECTRICAL-OPTICAL CHARACTERISTICS

(除非特别说明 ,环境温度 Ta=25° C) (Unless Otherwise Specified, The Ambient temperature Ta=25° C)

项目 Item	符号 Symbol	最小值 min.	典型值 typ.	最大值 max.	单位 Unit	测定条件 Condition
正向电压 Forward Voltage	Vf	2.7	2.9	3.15	V	If= 45 mA
反向电流 Reverse Current	Ir			20	μA	Vr= 4.0 V
主波长 Dominant wave length	λD		X:0.25-0.31 Y:0.25-0.31		nm	If= 45 mA
频谱半宽度 Spectral Line Half width	Δλ		20		nm	If= 45 mA
* 亮度 Luminance	Lv		TBD		cd/m²	If= 45 mA

* 亮度值是 3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 Ø 5mm. 工作寿命=50000小时
The luminance is the average value of points, and 5
The Lvmin./Lvmax. is more than Typical 75%
The measurement instrument is BM-7 luminance
Colorimeter. The aperture is Ø mm. 5 lifetime=50000h



Drawing No: 图 号:	RHL1737.2.01	REV: 版本	A1	STAMP 确认	