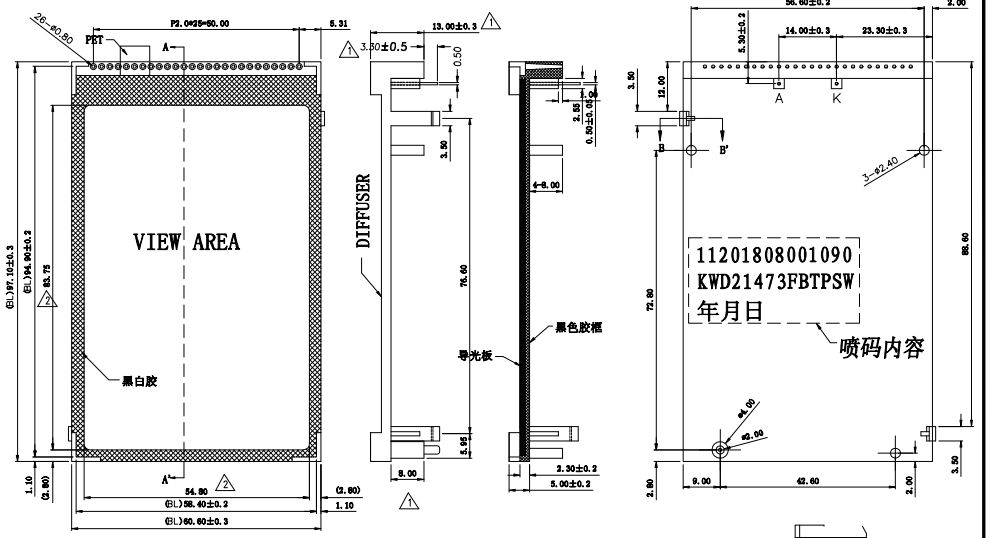
1. 结构尺寸 MECHANICAL OUTLINE

(未注尺寸公差unspecified Tolerances is:) .xx ± 0.2
.x ± 0.2

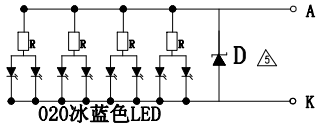
COLOR : WHITE
颜 色 : 白 色



(剖面 A-A')

(剖面 B-B')

2. 电路图 CIRCUIT DIAGRAM (LED dies)



020冰蓝色LED

NOTE:
1. (): REFERENCE DIMENSION.
2. ▽ SPECIAL CHARACTERISTIC.

注意防静电

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				
4	修改VA尺寸	171201	DESIGN: 设计			
1	柱子和卡勾增加3mm; AK,原增加3mm; 卡勾增加加强筋.	171016	5	增加二极管	171205	CHECKED: 检查
2	修改VA尺寸	171028				COUNTERSIGN: 会签
3	修改VA尺寸	171104	Drawing No: 图 号:	RHL1375.2.01	REV: 版本	A6 APPROVED: 批准

深圳市鑫美芝实业有限公司
ShenZhen XinMeiZhi INDUSTRY CO.,LTD

RHL1375A-05
KWD21473FBTPSW
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)

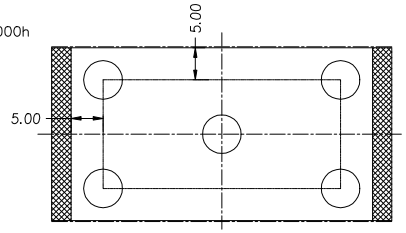
项目 Item	符号 Symbel	条件 Conditions	值 Rating	单位 Unit
* 极限直流正向电流 Absolute maximum forward current	Ifm		200	mA
* 脉冲驱动时极限正向电流 Peak forward current UNIT:mm	Ifp	1 msec 脉冲,1/10 占空比 1 msec Plus 10% Duty Cycle	480	mA
反向电压 Reverse Voltage	Vr		5.0	V
* 极限功耗 Power dissipation	Pd		1000	mW
工作温度 Operating Temperature Range	Topr		−20~+70	°C
贮存温度 Storage Temperature Range	Tstg		−30~+80	°C

5. 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(Ta=25° C) Condition
正向电流 Forward Current	If	--	120	144	mA	Vf= 5.0 V
色度坐标 Colour Coordinate (Tolerances is ±0.01)	X	0.24	--	0.30		
	Y	0.25	--	0.31		
亮度 Luminance	Lv		TBD	--	cd/m²	TEST INSTRUMENT 测定仪器:BM-7
均匀度 Uniformity	Avg	75	---	---	%	
反向电流 Reverse Current (Per LED)	Ir			10	uA	Vr= 5.0 V/per

* 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 ø 5 mm. 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:	RHL1375.2.01	REV: 版本	A6	STAMP 确认	