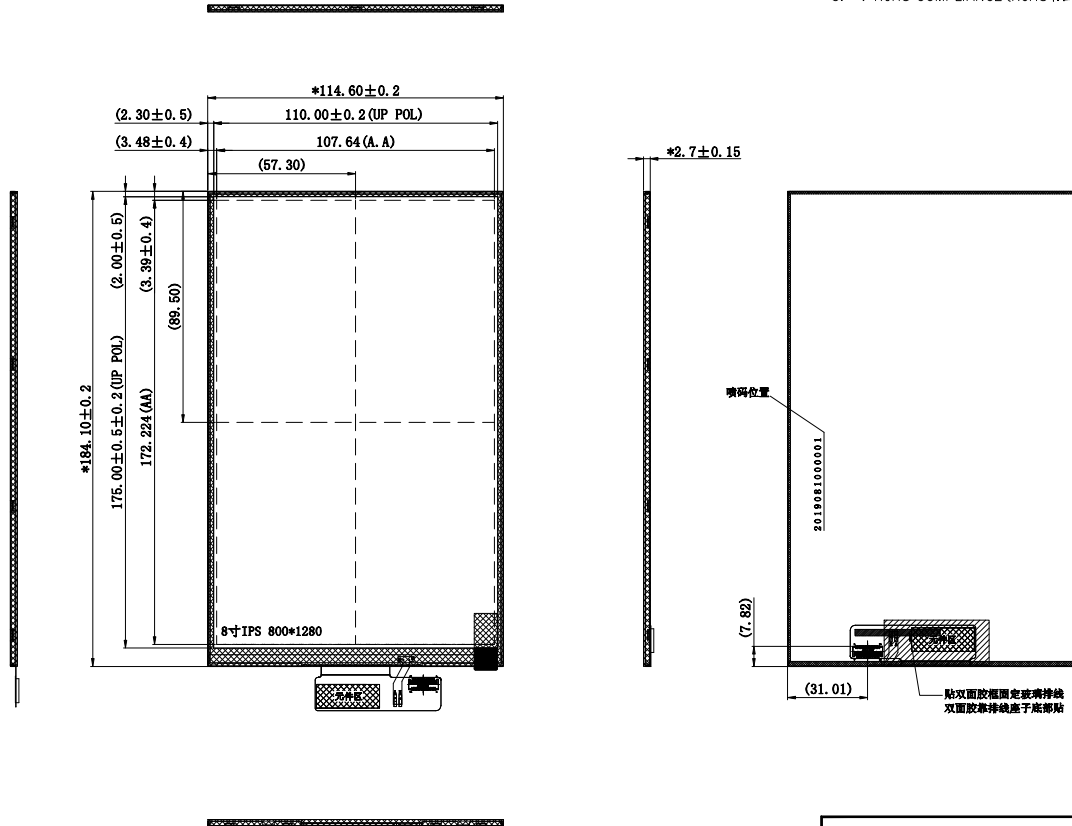


# 1. Mechanical Outline (Unspecified Tolerances is: ± 0.2)

结构尺寸(未标注尺寸公差)

- CRITICAL DIMENSION (重要管制尺寸).
- (○) REFERENCE DIMENSION (参考尺寸).
- + SAFETY CHARACTERISTIC (安全性).
- ▲ SPECIAL CHARACTERISTIC (特殊特性).
- : RoHS COMPLIANCE (RoHS制程).

| ISSUE | AMENDMENT | NAME/DATE |
|-------|-----------|-----------|
| △     | NEW ISSUE | 20.6.29   |
| △     |           |           |



## 4. Especial Note(特殊要求):

**RHC072E-05**  
**3串8并/24PCS**  
**160MA**

## 5. Test Point(测试点):

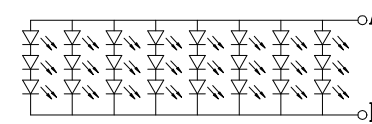
- 1.Environment Luminance(环境亮度): ≤ 0.1cd/m<sup>2</sup>
- 2.Test Instrument(测试仪器): BM-7
- 3.Test Distance(测试距离): 500 mm
- 4.Aperture Diameter(光圈直径): ø7.7 (1°)

## 2. Electrical-Optical Characteristics (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 Votage            | If             | ---      | 160      | ---      | mA                | TEST INSTRUMENT<br>测定仪器: BM-7 |
| 色度坐标 Colour Coordinate         | X              | 0.260    | 0.310    | 0.360    |                   |                               |
|                                | Y              | 0.280    | 0.330    | 0.380    |                   |                               |
| 驱动电压                           | V <sub>F</sub> | 7.8      | 9.0      | 10.2     | V                 |                               |
| 亮度 Luminance                   | L <sub>v</sub> | 450      | 500      | ---      | cd/m <sup>2</sup> |                               |
| 均匀度 Uniformity                 | Avg            | 75       | 80       | ---      | %                 |                               |
| 反向电流 Reverse Current (Per LED) | I <sub>r</sub> |          |          | 50       | uA                | V <sub>r</sub> =10V, ※1       |

● Operating Temperature: -0~+50° C

● Storage Temperature: -10~+60° C



LED电路图:  
 3串8并/24PCS  
 驱动电流: 160mA

**鑫美芝实业有限公司**

|                       |                        |          |
|-----------------------|------------------------|----------|
| MODEL NO.: RHC072E-05 |                        | REV: 版本  |
| SHEET/页码: 10F1        | THIRD ANGLE PROJECTION | UNIT: mm |
| DESIGN: 设计            |                        |          |
| CHECKED: 检查           |                        |          |
| COUNTERSIGN: 会签       |                        |          |
| APPROVED: 批准          |                        |          |
| DRAWING No: 图号        | REV: 版本                | V00      |