

# Kingtech Group Co.,Ltd.

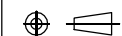
Customer Name:  
客户名称:

Approved by:  
客户承认:

第三视角

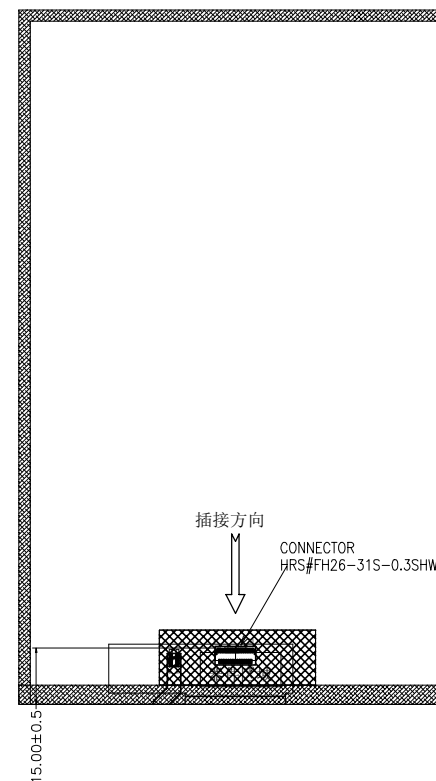
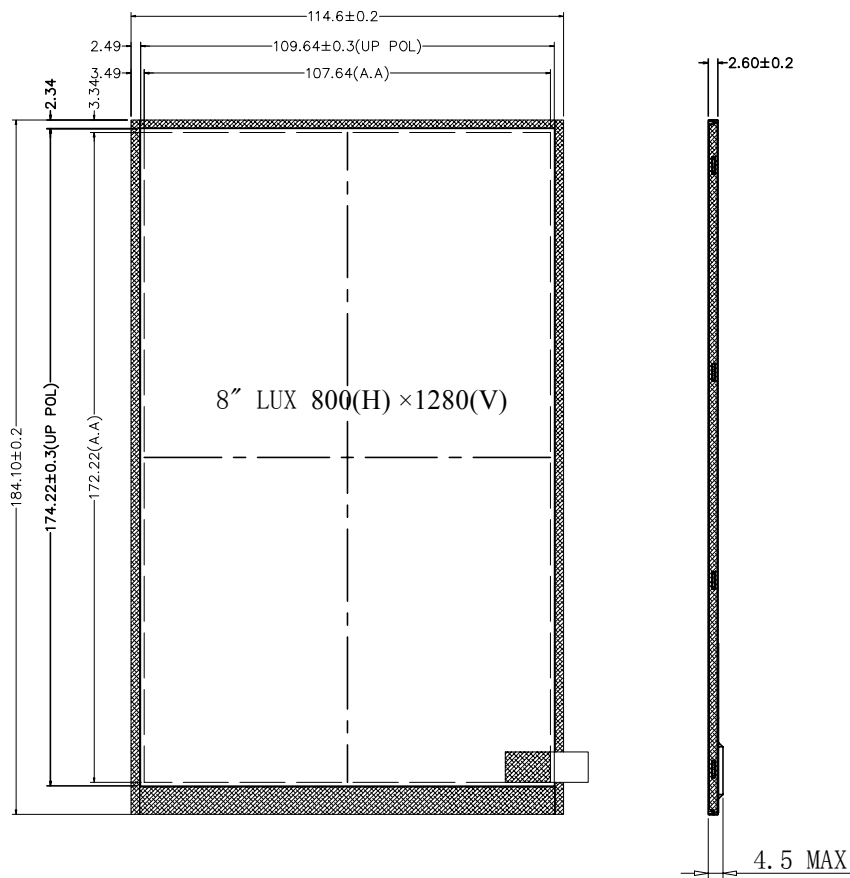
Customer's Code  
客户料号:

Approval Date:  
承认日期



ROHS

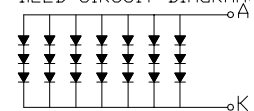
| REV<br>修改 | DESCRIPTION<br>修改内容 | DATE<br>日期 | REVISOR<br>修改者 |
|-----------|---------------------|------------|----------------|
|           |                     |            |                |
|           |                     |            |                |



|    |           |                                 |
|----|-----------|---------------------------------|
| 1  | LED+      | Power supply for LED(Anode)     |
| 2  | LED+      | Power supply for LED(Anode)     |
| 3  | LED+      | Power supply for LED(Anode)     |
| 4  | NC        | No Connect                      |
| 5  | LED-      | Power supply for LED(Cathode)   |
| 6  | LED-      | Power supply for LED(Cathode)   |
| 7  | LED-      | Power supply for LED(Cathode)   |
| 8  | LED-      | Power supply for LED(Cathode)   |
| 9  | GND       | Ground                          |
| 10 | GND       | Ground                          |
| 11 | MIPI_2P   | MIPI date positive signal (2P)  |
| 12 | MIPI_2N   | MIPI date positive signal (2N)  |
| 13 | GND       | Ground                          |
| 14 | MIPI_1P   | MIPI date positive signal (1P)  |
| 15 | MIPI_1N   | MIPI date positive signal (1N)  |
| 16 | GND       | Ground                          |
| 17 | MIPI_CLKP | MIPI CLK positive signal (CLKP) |
| 18 | MIPI_CLKN | MIPI CLK positive signal (CLKN) |
| 19 | GND       | Ground                          |
| 20 | MIPI_OP   | MIPI date positive signal (OP)  |
| 21 | MIPI_ON   | MIPI date positive signal (ON)  |
| 22 | GND       | Ground                          |
| 23 | MIPI_3P   | MIPI date positive signal (3P)  |
| 24 | MIPI_3N   | MIPI date positive signal (3N)  |
| 25 | GND       | Ground                          |
| 26 | VDD10     | Logic power 1.8V                |
| 27 | RESET     | Reset Pin                       |
| 28 | GND       | Ground                          |
| 29 | VDD10     | Logic power 1.8V                |
| 30 | VDD       | Logic power 3.3V                |
| 31 | VDD       | Logic power 3.3V                |

Notes:

1.LED CIRCUIT DIAGRAM:



2.RoHS must be complied.

3.△Modification rev.number

4.Draft angle 1.5°:

5.All radii without dimension R0.3, Unspecified Tolerances is:±0.2

Electrical-Optical Characteristics(Ta=25°C):

| ITEM                  | SYMBOL | MIN.   | TYP. | MAX.   | UNIT              | CONDITIONS  |
|-----------------------|--------|--------|------|--------|-------------------|---|
| Forward Voltage       | Vf     | 8.4    | 9    | 9.6    | V                 | <p>测试9点,测试距离:50±5cm,测试角度:1°<br/>均匀性=最小/最大亮度=100%,测试仪器BM-7</p> |
| Forward Current       | If     | —      | 140  | —      | mA                |   |
| Luminous Intensity    | Lv     | 200    | 250  | —      | cd/m <sup>2</sup> |   |
| Luminous Uniformity   | Avg    | 75     | —    | —      | %                 |   |
| Color Chromaticity    | X      | 0.26   | 0.29 | 0.34   |                   |   |
|                       | Y      | 0.27   | 0.30 | 0.35   |                   |   |
| Operating Temperature | Topr   | -10° C | —    | +50° C | ° C               |   |
| Storage Temperature   | Tstg   | -20° C | —    | +60° C | ° C               |   |

|             |               |                 |     |
|-------------|---------------|-----------------|-----|
| MODEL NO. : | PV08007H0131G |                 |     |
| TYPE<br>类型  | LCM           | EDITION<br>版本号: | A/0 |
| DESIGN 设计:  |               | DATE日期:         |     |
| CHECKED 审核: |               | DATE日期:         |     |
| APPROVED批准: |               | DATE日期:         |     |