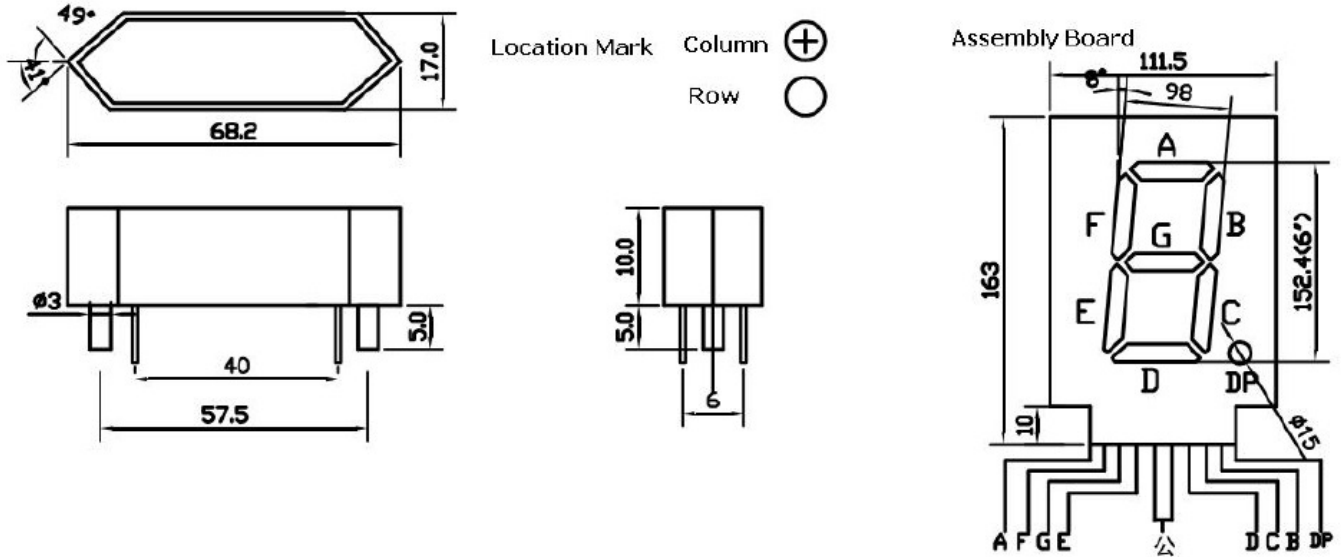


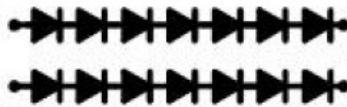
HB60011AUOSR

Package Dimensions



UNIT: MM(INCH) TOLERANCE: ±0.25(0.01")

Internal Circuit Diagram



PCB-60011 per segment



PCB-DP

HB60011AUOSR

DESCRIPTION

- 203mm (8") single digital display series
- Common Anode
- Standard brightness.
- Low current operation.
- Excellent character appearance.
- Easy mounting on P.C.boards or sockets.

产品最大绝对参数值 Absolute maximum ratings (Ta=25°C)

| 每段参数 PARAMETER PER SEGMENT | 符号 SYMBOL | 最大数 MAX | 单位 UNIT |
|--|--------------|----------------|------------|
| 反向电压 Reverse Voltage | VR | 5 | V/Seg |
| 正向电流 Forward Current | IF | 80 | mA/Seg |
| 峰值电流 (0.1ms) Peak Forward current(1/10 Duty Cycle) | IPEAK | 120 | mA/Seg |
| 功耗 Power Dissipation | PA | 0.56 | W/Seg |
| 功耗 Power Dissipation | PA | 0.40 | W/dot |
| 工作条件温度 Operating Temperature Range | | -25°C to +85°C | |
| 储存温度 Storage Temperature Range | | -30°C to +85°C | |
| 距离胶体 1.6mm 焊接, 温度 260°C, 焊接时间最多 3 秒 Lead soldering Temperature 260°C at 1.6mm Form Body For 3 Seconds | | | |

产品光电参数值 ELECTRICAL/OPTICAL CHARACTERISTICS (Ta=25°C)

| 参数 PARAMETER | 符号 SYMBOL | MIN | TYP | MAX | UNIT | 测试条件 Vest condition |
|--|------------------------------|------|-------------|------|---------|------------------------|
| 每段亮度 Luminous Intensity Per Segment | Iv | 140 | 160 | 168 | mcd | IF=20mA |
| 每段正向电压 Forward Voltage Per segment 2V*7 | VF | 13.3 | 14 | 16.1 | V | IF=20mA |
| 每段正向电压 Forward Voltage for Dot 2V*5 | VF | 9.5 | 10 | 11.7 | V | IF=20mA |
| 波长 Wavelength | λp / λd | | 625/ 620 | | nm | IF=20mA |
| 半波长度 Spectrum width of half value | $\Delta \lambda$ | | 20 | | nm | IF=20mA |
| 每段反向电流 Reverse Current Per Segment | IR | | | 10 | μA | VR=5V |

器件表面及封装颜色 Surface / Lens color

| Number | 0 | 1 | 2 | 3 | 4 |
|-------------------|-------------|-------------------|-----------------|-------------------|--------------------|
| Ref Surface Color | White | Black | Gray | Red | Green |
| Epoxy Color | Water clear | White Diffused | Red Diffused | Green Diffused | Yellow Diffused |