

# 承 认 书

SPECIFICATION FOR APPROVAL

客 户:

CUSTOMER

品 名: 0.4"一位黄绿数码管(共阳)

DESCRIPTION

型 號: HQ-S4011BG

MODEL

日 期: 16.04.25

DATE

注意:请恒流驱动,恒压驱动会因为电压不一致而抢电,导致亮度不均.

承 制 方

MANUFACTURER:

制 表 DRAFTING	审 核 CHECK	核 准 APPROVE
肖孟飞	龚育奇	

使 用 方

USER:

核 准 APPROVE	簽 章

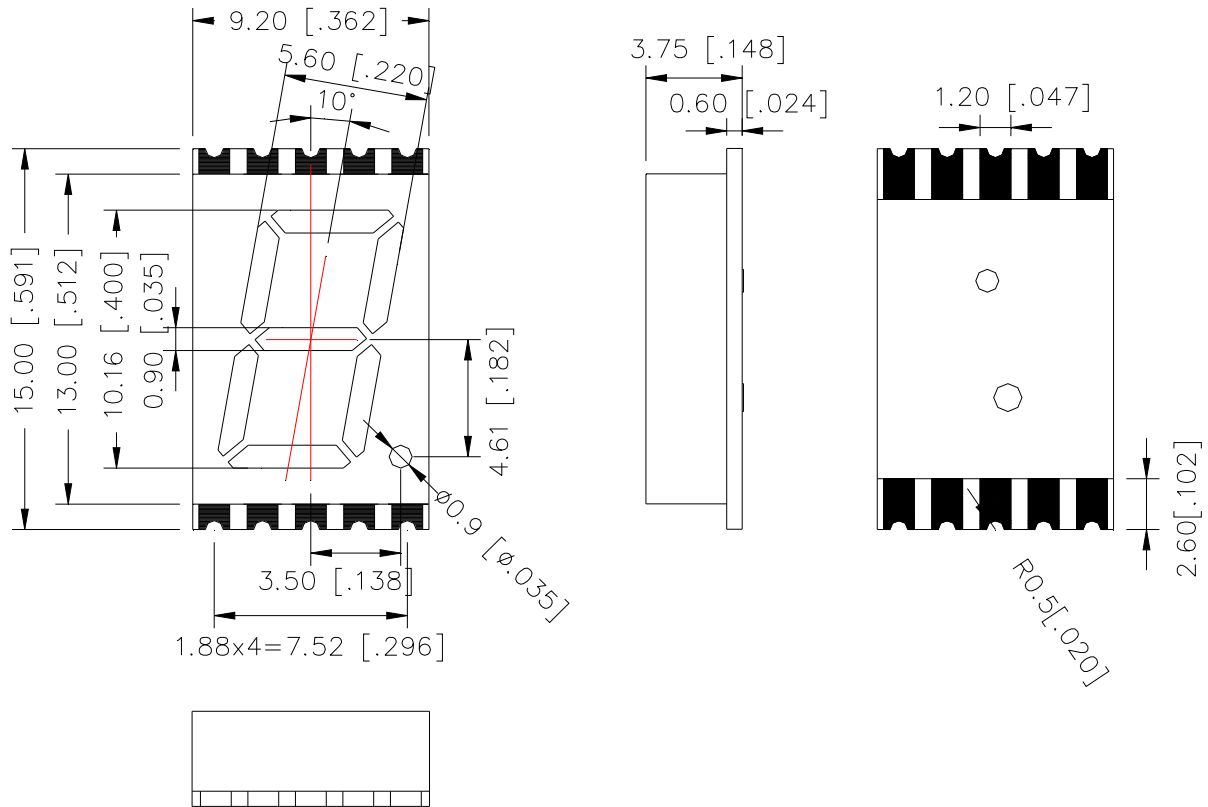
**1. 产品描述 DESCRIPTION:**

- 灰色显示面, 白色笔段 Gray face, White Epoxy
- 共阳显示屏 Common Anode Display
- 红色显示, Yellow Green Color
- 符合 RoHS 要求 RoHS Compliant

**2. 产品特征 FEATURES:**

- 高可靠性和高稳定性 High intensity and reliability
- 高品质、和低功耗 High quality, Low power requirement
- IC 易兼容, 易装配 IC compatible , Easy assembly
- ESD1000V

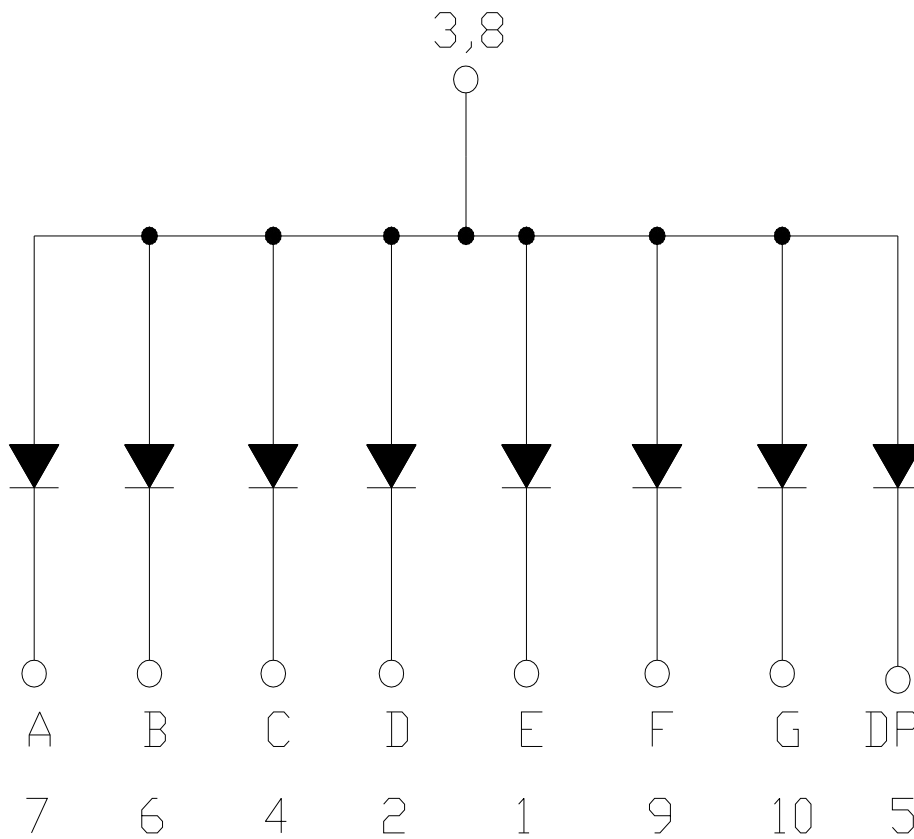
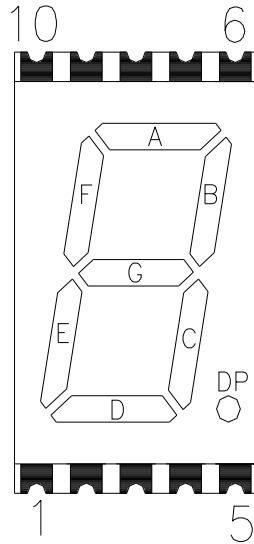
**3. 产品外形尺寸 Outer Dimension:**



备注: 未标注公差的尺寸均为±0.25mm

NOTES: All dimensions are in millimeters (inches) tolerance are ± 0.25mm(0.010) unless otherwise noted

4. 产品线路图 INTERNAL CIRCUIT DIAGRAM



参数 (PARAMETER)	最大值 Max.	单位 UNIT
每段功耗 Power Dissipation Per Segment	<b>52</b>	<b>mW</b>
每段峰值电流 Peak Forward Current Per Segment (1/10duty cycle 0.1ms pulse width)	<b>100</b>	<b>mA</b>
每段平均正向电流 Average Forward Current Per Segment	<b>20</b>	<b>mA</b>
从室温线性减少 Derating Linear From 25°C Per Segment	<b>0.33</b>	<b>mA/°C</b>
每段反向电压 Reverse Voltage Per Segment	<b>5</b>	<b>V</b>
工作条件温度 Operating Temperature Range	<b>-40°C to + 105°C</b>	
储存温度 Storage Temperature Range	<b>-40°C to + 105°C</b>	
距离胶体 <b>1.6mm</b> 焊接, 温度 <b>260°C</b> , 焊接时间最多 <b>3 秒</b> Lead Soldering Temperature 260°C at 1.6mm From Body for 3 seconds		

**6、产品光电参数值 (Ta: 25°C) ELECTRICAL/OPTICAL CHARACTERISTICS AT Ta=25°C:**

参数 PARAMETER	符号 SYMBOL	MIN.	TYP.	MAX.	UNIT	测试条件 Test condition
每段亮度 Luminous Intensity Per Segment	$I_v$	—	<b>2.0</b>	—	<b>mcd</b>	<b><math>I_F=10mA</math></b>
主波长 Dominant Wavelength	$\lambda_D$	—	<b>570</b>	—	<b>nm</b>	<b><math>I_F=20mA</math></b>
光谱半宽度 Spectral Line Half-Width	$\Delta\lambda$	—	<b>30</b>	—	<b>nm</b>	<b><math>I_F=20mA</math></b>
每颗正向电压 Forward Voltage Per Dice	$V_F$	—	<b>2.0</b>	<b>2.6</b>	<b>V</b>	<b><math>I_F=20mA</math></b>
每颗反向电流 Reverse Current Per Dice	$I_R$	—	—	<b>50</b>	<b><math>\mu A</math></b>	<b><math>V_R=5V</math></b>

**7、推荐使用的焊盘尺寸 Recommended Soldering Pattern:**

