

# 承 认 书

SPECIFICATION FOR APPROVAL

客 户:

CUSTOMER

品 名: 0.4"二位黄绿米字管(共阳)

DESCRIPTION

型 號: HQ-SM4021BG

MODEL

日 期: 15.01.08

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

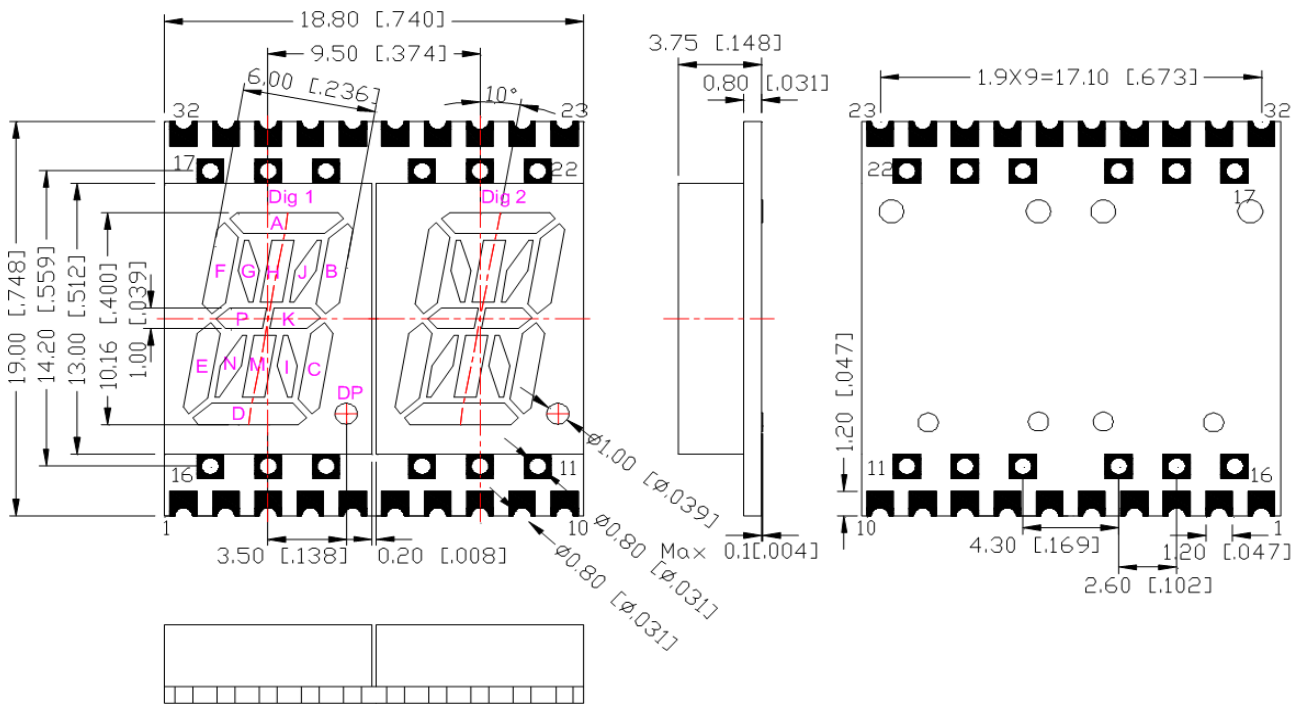
**1. 产品描述 DESCRIPTION:**

- 灰色显示面, 白色笔段 Black face, White Epoxy
- 共阳显示屏 Common Anode Display
- 黄绿色显示, 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

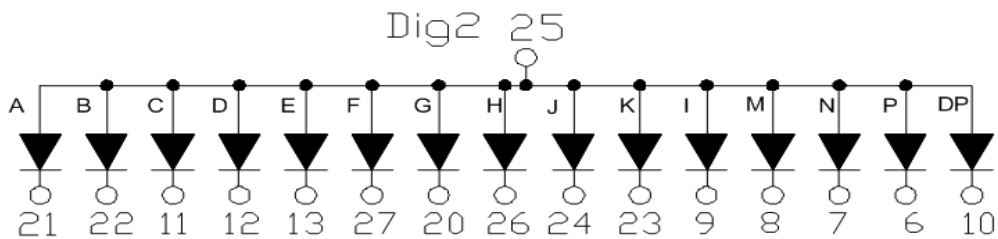
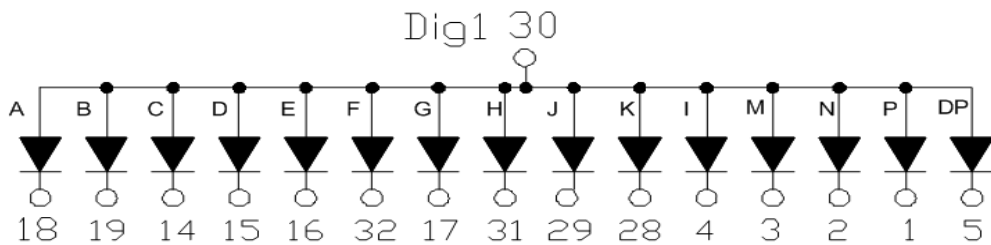
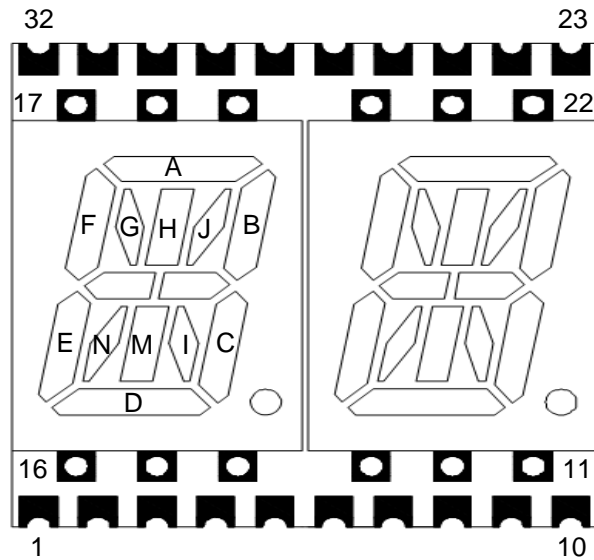
**3. 产品外形尺寸 Outer Dimension:**



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



5、产品最大绝对参数值 (Ta: 25°C) ABSOLUTE MAXIMUM RATINGS AT Ta=25°C:

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 + 85°C</b>	
储存温度 Storage Temperature Range	<b>-40°C to + 85°C</b>	
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 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	<b>I<sub>v</sub></b>	—	<b>2</b>	—	<b>mcd</b>	<b>I<sub>F</sub>=10mA</b>
主波长 Dominant Wavelength	<b>λ<sub>d</sub></b>	—	<b>570</b>	—	<b>nm</b>	<b>I<sub>F</sub>=20mA</b>
光谱半宽度 Spectral Line Half-Width	<b>Δλ</b>	—	<b>30</b>	—	<b>nm</b>	<b>I<sub>F</sub>=20mA</b>
每颗正向电压 Forward Voltage Per Dice	<b>V<sub>F</sub></b>	—	<b>2.0</b>	<b>2.6</b>	<b>V</b>	<b>I<sub>F</sub>=20mA</b>
每颗反向电流 Reverse Current Per Dice	<b>I<sub>R</sub></b>	—	—	<b>50</b>	<b>μ A</b>	<b>V<sub>R</sub>=5V</b>