



**WUXI ARK TECHNOLOGY ELECTRONIC CO. , LTD**

No. 88 Ling Dong Road , Ming Ling Zhen , Yi Xing City , Jiang Su Province , China

Tel: 0086-510-87341161 87345700

Fax: 0086-510-87342800

E-mail: [yxrg@pub.wx.jsinfo.net](mailto:yxrg@pub.wx.jsinfo.net)

<http://www.yxrg.com>

无锡市方舟科技电子有限公司

# Specification for approval

## 规格(承认)书

※ PARTNO(型号): SR2205619

※ STATEMENT (说明): \_\_\_\_\_

※ ACCESSORY (附件):

- 1、
- 2、
- 3、
- 4、

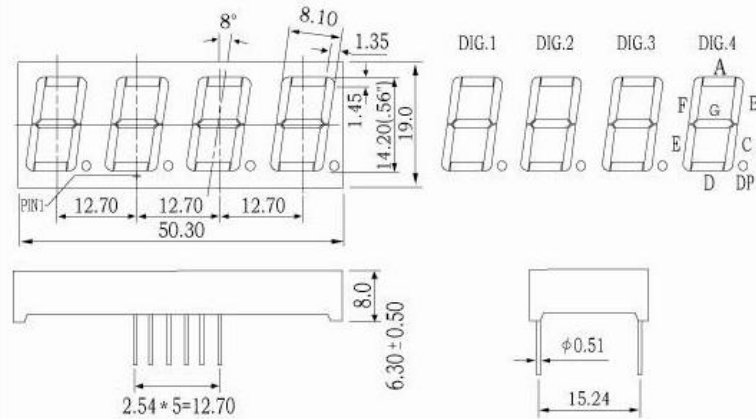
※ CUSTOMER'S PROPOSAL (顾客意见栏):

☆ AGREE (同意)

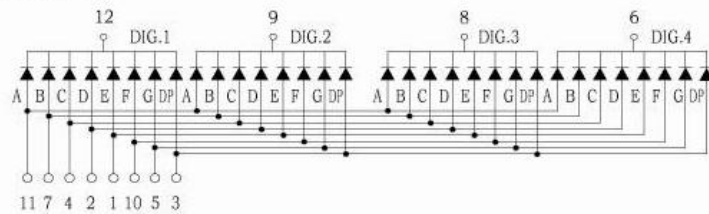
☆ DIS AGREE (不同意)

※ CUSTOMER SIGNATURE (顾客确认签章): \_\_\_\_\_

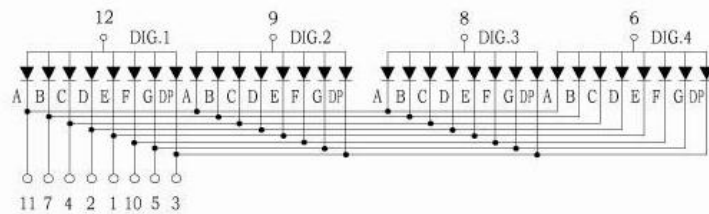
PACKAGE DIMENSIONS



SR\*20561



SR\*10561



NOTES : 1. All dimensions are in millimeters. (inches)

2. Tolerance is  $\pm 0.25(0.010)$  unless otherwise specified.

**1. ELECTRO – OPTICAL CHARACTERISTICS 光电特性: (Ta=25°C)**

SYMBOL 符号	PARAMETER 项目	TEST CONDITION 测试条件	TYP 标准值	MAX 最大值	UNIT 单位
V <sub>F</sub>	Forward Voltage ,Per Segment 正向压降	IF=20mA	2.1	2.5	V
I <sub>R</sub>	Reverse Current , Per Segment 反向漏电流	VR=5V		50	μA
λ <sub>p</sub>	Peak Emission Wavelength 峰值波长	IF=20mA	571		nm
I <sub>v</sub>	Luminous Intensity Per Segment 法向光强	IF=20mA	13		mcd

**2. ABSOLUTE MAXIMUM RATING 其它参数: (Ta=25°C)**

SYMBOL 符号	PARAMETER 项目	YELLOW GREEN 黄绿色	UNIT 单位
P <sub>AD</sub>	Power Dissipation Per Segment 功耗	70	mw
V <sub>R</sub>	Reverse Voltage Per Segment 反向耐压	5	V
I <sub>AF</sub>	Continuous Forward Current Per Segment 最大使用电流	25	mA
I <sub>PF</sub>	Peak Forward Current Per Segment(Duty-0.1,1KHz) 最大峰值电流	90	mA
---	Derating Linear From 25°C Per Segment 温度系数	0.27	mA/°C
T <sub>OPr</sub>	Operating Temperature Range 工作温度	-30°C to 80°C	
T <sub>stg</sub>	Storage Temperature Range 贮藏温度	-30°C to 85°C	
Solder Temperature 1/16 inch Below Seating Plane 3 Seconds at 250°C 焊接温度 250°C/5秒 离管座 1.6mm 以上			

## Typical Electro-Optical Characteristics Curves (25C Free Air Temperature Unless Otherwise Specified)

Fig 1 SPECTRAL RESPONSE

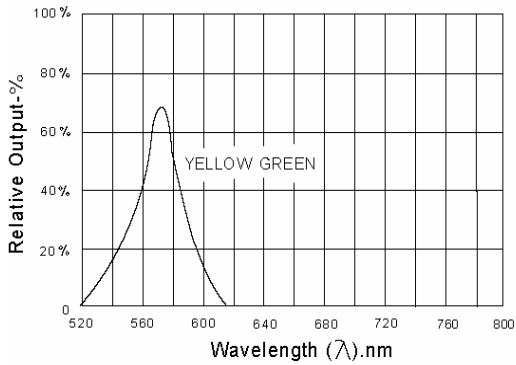


Fig 2 FORWARD CURRENT VS FORWARD VOLTAGE

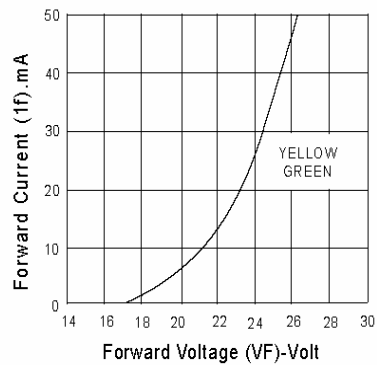


Fig 3 RELATIVE LUMINOUS INTENSITY VS FORWARD CURRENT

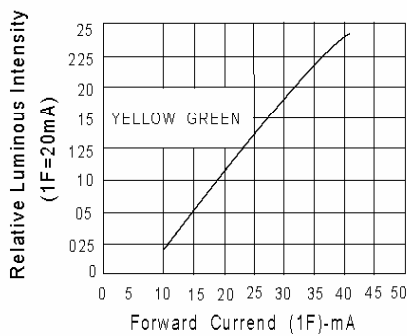


Fig 4 MAX PEAK CURRENT VS DUTY CYCLE (REFRESH RATE: 1KHZ)

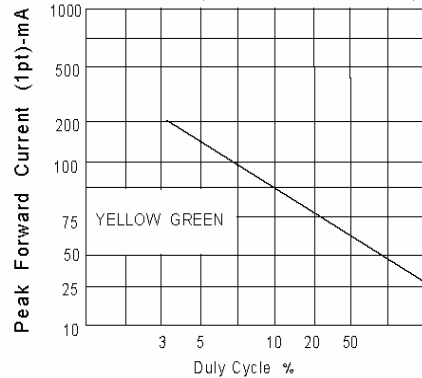


Fig 5 LUMINOUS INTENSITY VS DUTY CYCLE

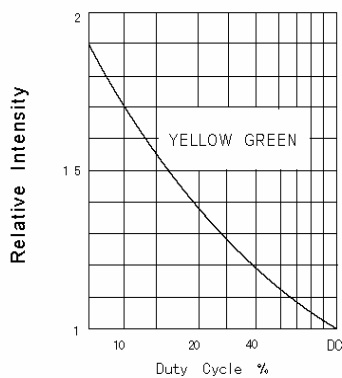


Fig 6 MAXIMUM ALLOWABLE DC CURRENT PER SEGMENT DOT VS A FUNCTION AMBIENT TEMPERATURE

