



DONGGUAN PENGYUAN OPTOELECTRONICS TECHNOLOGY CO., LTD
东莞市鹏远光电科技有限公司

TEL:0769-81208888 81732500 87711337 FAX:0769-87711335

承认书

Specification for Approval

客户名称 (Customer Name): _____

产品编号 (Product ID): PY-5WR4-Y-T-60

产品型号 (Product Model): _____

产品规格 (Product Specifications): 5mm Round LED-Red 60 Degree

送样日期 (Date): _____

客户确认 (Customer acknowledges that)			鹏远光电 (Peng Yuan Optoelectronics)		
核准	审核	确认	业务	工程	制作
Approved	Audit	Confirm	Business	Engineering	Make
			Becky Yan	Wu	Tian

客户确认 (Customer acknowledges that): 合格 Qualified ☐ 不合格 Failure ☐

客户意见 (Customer feedback):

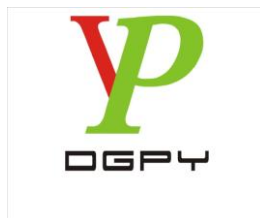
客户第一 质量第一 服务第一

Customer first, quality first, service first

地址: 广东省东莞市石龙镇黄州工业区

Address: Huangzhou Industrial Zone, Shilong Town, Dongguan City, Guangdong Province, China

网址: www.gdpengyuan.com

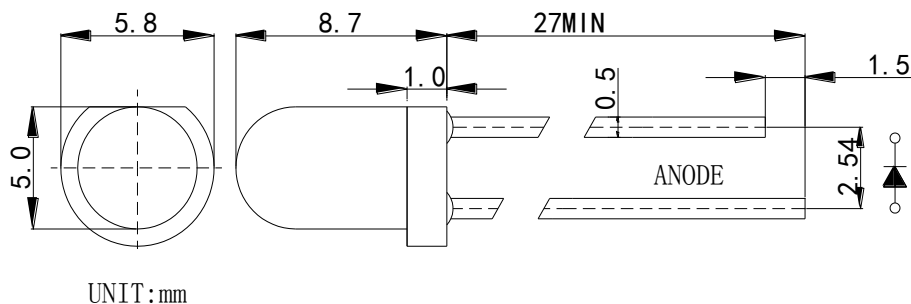


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产品型号 Product Model:

尺寸 Dimensions: 单位 Unit: 毫米 mm [英寸] [inch]



备注 (Notes:)

1.所有尺寸单位是 mm

All dimension units are millimeters.

2.塑胶部分未标记尺寸的公差为 ± 0.05

All dimension tolerance is ± 0.05 mm unless otherwise noted.

3.所有胶体底部与引脚处多胶部分大约为 1.5mm

An epoxy meniscus may extend about 1.5mm down the leads

4.支架部分镍低 30u" min 镀锡厚度 80 u" min

5.支架长度最大公差为 ± 0.12 mm 以内

LED Chip (LED 芯片)		Flash Frequency	胶体颜色 Lens Color
材料 Material	发光颜色 Emitting Color	(HKZ)	
AlGaInP	Red		Water Clear

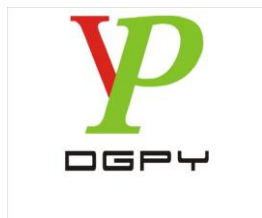
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产品型号 Product Model:

最大绝对额定值(室温 = 25℃)Absolute Maximum Ratings at (Ta = 25℃)

项目 ITEMS	符号 SYMBOL	最大绝对额定值 ABSOLUTE MAXIMUM RATING	单位 UNIT
正向电流 Forward Current	IF	20	mA
峰值正向电流 Peak Forward Current	IFP	220	mA
连续工作电流 Continuous Forward Current	IL	20	mA
反向电压 Reverse Voltage	VR	5	V
功耗 Power Dissipation	PD	60	mW
工作温度 Operation Temperature	Topr	-40 ~ +80	℃
贮存温度 Storage Temperature	Tstg	-40 ~ +80	℃
引脚镀锡温度 Lead Soldering Temperature	Tsol	260℃/3s	

主要光电特性 (室温 = 25℃)Typical Electrical & Optical Characteristics (Ta = 25℃)

项目 ITEMS	符号 Symbol	测试条件 Test Condition	最小值 Min.	典型值 Typ.	最大值 Max.	单位 Unit
发光强度 Luminous Intensity	Iv	IF=20mA	3000	---	6000	mcd
正向电压 Forward Voltage	IF	IF=20mA	1.8	---	2.2	V
峰值波长 Peak Wavelength	λP	IF=20mA	---	---	---	nm
主波长 Dominant Wavelength	λD	IF=20mA	620	---	630	nm
视角 Viewing Angle	2θ1/2	IF=20mA	---	60	---	Deg
光通量 Luminous flux	Iv	IF=20mA	---	---	---	LM
显色指数坐标 Color Rendering Index Calculation	Spm	X	---	---	---	---
	Spm	Y	---	---	---	---
色温 Color Temperature	TC	IF=20mA	---	---	---	K

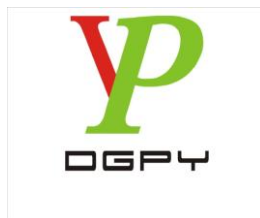
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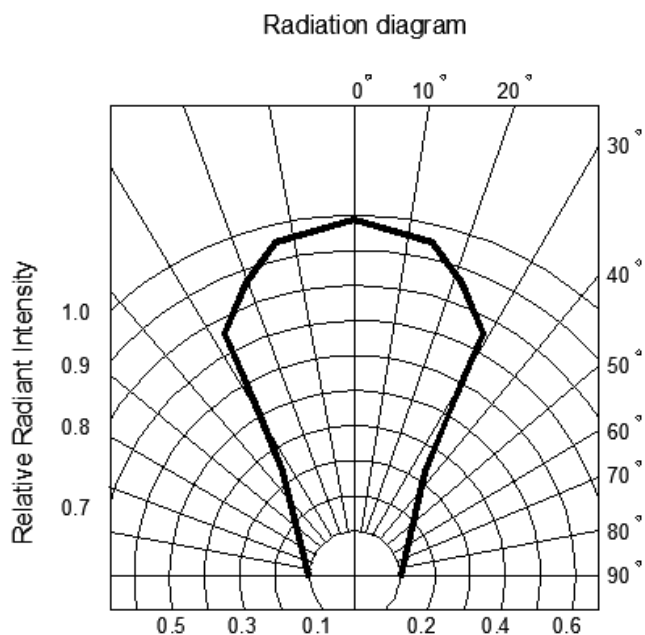
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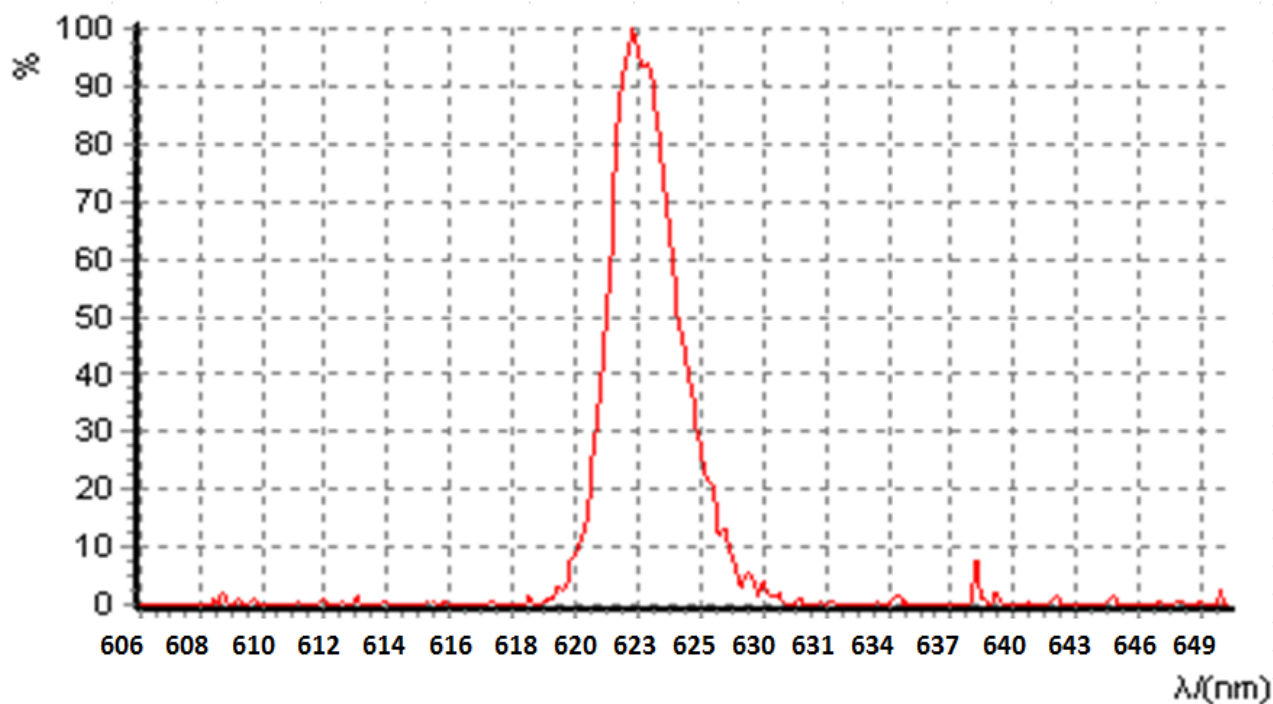
产品型号 Product Model:

半功视角

Spatial Distribution



相对光谱分布曲线



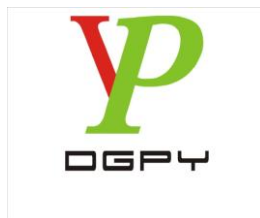
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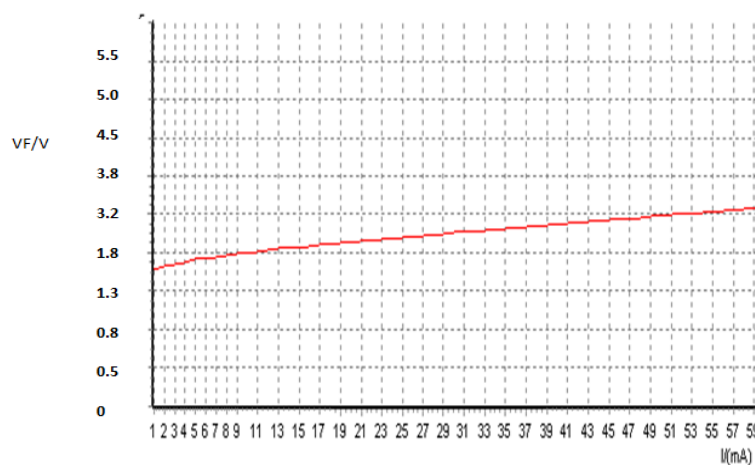
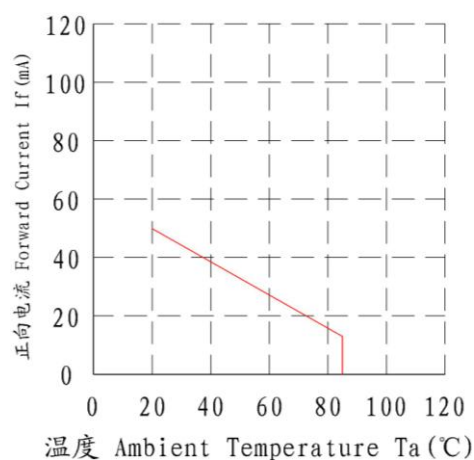
产品型号 Product Mode I:

典型的光电特性曲线 (Ta=25°C 除非不同地方)

Typical Optical/Electrical Characteristics Curves (Ta=25°C Unless Otherwise Noted)

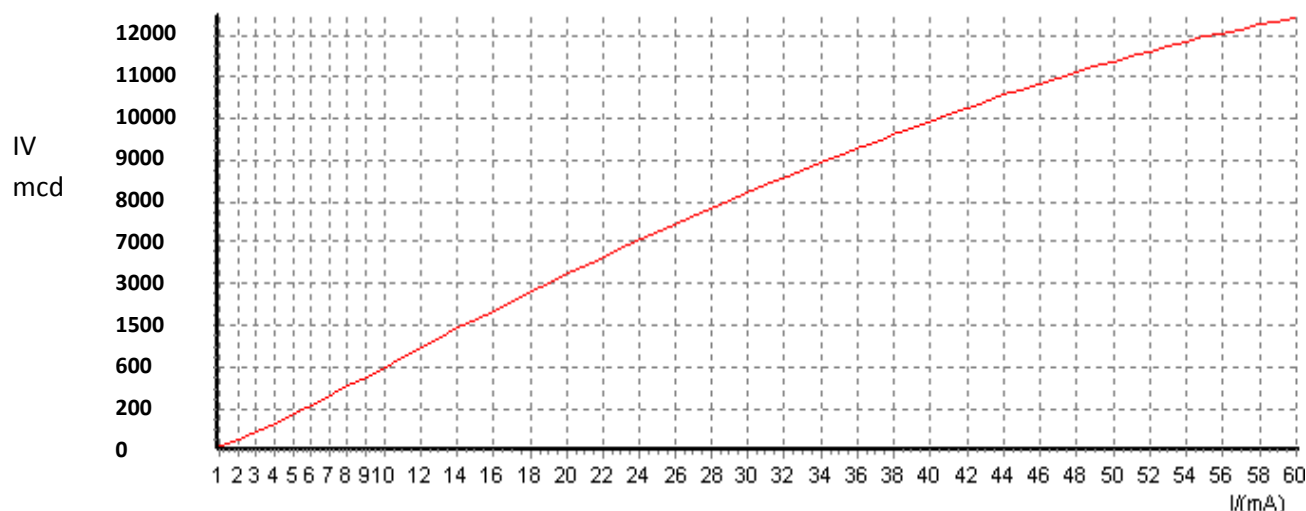
电流-电压曲线

Current-Voltage Curve



电流-光强曲线

Current-Luminous intensity Curve



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