

DESCRIPTION

❖ CHARACTERS

P1.25 display is a small pitch LED display, its point spacing is 1.25mm, is a relatively high-end LED products, mainly used in indoor display occasions. The P1.25 display screen is packaged with 1010 lamp beads, including SMD package and COB package, which is suitable for video conference, command and dispatch center, big data display and other occasions .

❖ APPLICATION AREA

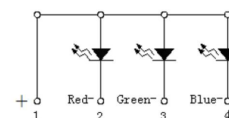
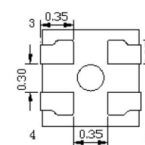
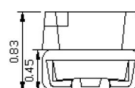
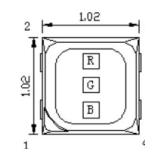
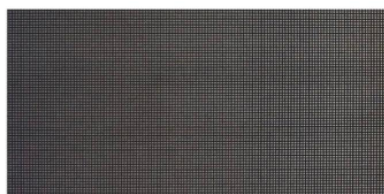
- ❖ Video advertising display
- ❖ Mall, large advertising display
- ❖ High-grade LED advertising, display card
- ❖ High-end supermarket display shelves, traffic light layout

SUMMARY

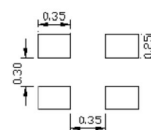
❖ Operating voltage	4.5V~5V
❖ Maximum current	6.2A
❖ Maximum power	31W
❖ Frame change frequency	≥60Hz
❖ Refresh frequency	3840Hz

CERTIFICATION

The certification types will be increased as needed. You can contact our company's salesperson to learn more.



For reflow soldering



ITEM		MODEL
		EL-IN-ET-P1.25
Physical parameter	LED package	SMD1010-1R1G1B
	Horizontal view/vertical view	≤110/110
	Flatness	≥97%
	Bottom shell screw aperture	M4
	Input signal interface definition	HUB320
	Power socket specification	4P/90°
	Module weight KG/PCS	-
	Class of protection	IP3X
Optical parameter	White balance brightness cd/m²	≥800
	Gray level bit	≥13
	Temperature K	10450
	Contrast	≤4000:1
	Brightness control	Manual/automatic/program control
Electrical parameter	Operating voltage (DC) V	4.5V~5V
	Maximum current A	6.2
	Peak power W/PCS	31
	Average power W/PCS	15.50
Performance parameter	Refresh frequency HZ	≥3840Hz
	Frame change frequency Frame	60
	Driving mode	Constant current drive
	Scanning mode	1/63
	Color correction	It is equipped with point by point correction of brightness and chroma
	Whole screen out of control point	≤0.003%, The factory value is 0
	Regional runaway point	≤0.009%
	Screen temperature rise (using running state)	≤5°
Adaptation scenario	Operating ambient temperature	-10℃~60℃
	Operating environment humidity	35%~75%RH, Non-condensing
	Usage scenario	Indoor
Adaptive chassis	Product chassis dimensions (W x H)	640*480mm
	Chassis resolution (W x H)	512*384
	Input signal interface	RJ45
	Power signal interface	3* U-shaped terminals

描述		
	Class of protection	IP5X
White balance debugging parameters	R Brightness CD/M ²	260
	R current A	3.59
	R-resistance KΩ	1
	G Brightness CD/M ²	384
	G Electric current A	1.98
	G Resistance value KΩ	2.2
	B Luminance CD/M ²	170
	B Electric current A	2.1
	B Resistance value KΩ	2
	W Luminance CD/M ²	820
	W Electric current A	6.21

特征

P1.25显示屏是一种小间距LED显示屏，其点间距为1.25mm，是目前比较高端的一种LED产品，主要用于室内显示场合。
P1.25显示屏采用1010的灯珠封装，包括SMD封装和COB封装，适用于视频会议、指挥调度中心、大数据显示等场合。

应用领域

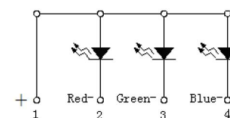
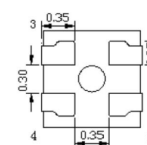
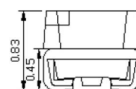
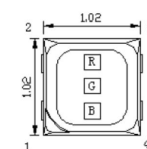
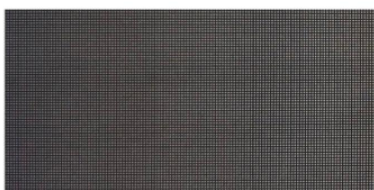
- ❖ 视频广告展示
- ❖ 商场中、中大型广告展示
- ❖ 高档LED广告、展示牌

概要

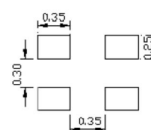
- ❖ 工作电压 4.5V~5V
- ❖ 最大电流 6.2A
- ❖ 最大功率 31W
- ❖ 灰度等级 红、绿、蓝各12-16bits
- ❖ 换帧频率 ≥60Hz/秒
- ❖ 刷新频率 3840Hz

认证

认证种类将会增加，请联系本公司业务。



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说明		型号
		EL-IN-ET-P1.25
物理参数	LED 封装	SMD1010-1R1G1B
	水平视角/垂直视角	≤110/110
	平整度	≥97%
	底壳螺丝孔径	M4
	输入信号接口定义	HUB320
	电源座规格	4P/90°
	模组重量 KG/PCS	-
	防护等级	IP3X
光学参数	白平衡亮度 cd/m ²	≥800
	灰度 bit	≥13
	色温 K	10450
	对比度	≤4000:1
	亮度调节	手动/自动/程控
电性参数	工作电压 (DC) V	4.5V~5V
	最大电流 A	6.2
	峰值功率 W/PCS	31
	平均功率 W/PCS	15.50
	刷新频率 HZ	≥3840Hz
性能参数	换帧频率 帧	60
	驱动方式	恒流驱动
	扫描方式	1/63
	色彩校正	配备亮度与色度逐点校正
	整屏失控点	≤0.003%，出厂时为 0
	区域失控点	≤0.009%
	屏幕温升（使用运行状态）	≤5度
适配场景	运行环境温度	-10℃~60℃
	运行环境湿度	35%~75%RH，无凝结
	使用场景	室内
	产品机箱尺寸(宽×高)	640*480mm

适配机箱	机箱分辨率(宽×高)	512*384
	输入信号接口	RJ45
	电源信号接口	3*U 形端子
	防护等级	IP5X
白平衡调试参数	R 亮度 CD/M ²	260
	R 电流 A	3.59
	R 阻值 K Ω	1
	G 亮度 CD/M ²	384
	G 电流 A	1.98
	G 阻值 K Ω	2.2
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