

承 认 书

SPECIFICATION

	客 户 资 料 CUSTOMER'S INFORMATION	
产品名称 LED 数码管 PRODUCTION NAME:		
产品型号: LD788BS-SS22 PRODUCTION TYPE:	机型: MODEL NO:	
规格摘要: TYPE: 红光 788 点阵管	料号: PART NO:	

日期: 2010-10-25 DATE:	承办人: ISSUEDER:
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客户确认 APPROVED BY	
签名 SIGN:	日期 DATE:
结论 RESULT	

确认后请回传 PLEASE RETURN BY ONE COPY

- 1 型号 PART NO LD788BS-SS22
- 2 说明 Description
发光颜色 Emitted Color 红光
外观颜色 Lens Color 黑、白两色
外形尺寸 Max Size 20.00*20.00*5.90

极限参数 Absolute Maximum Ratings ———> 建议使用驱动检测

参数 Parameter	单位 Symbol	极限值 Maximum Rating	单位 Unit
功耗 Power Dissipation	Pd		mW
脉冲电流 Peak Forward Current	Ifp	150	mA
直流电流 Continuous Forward Current Forward)Current	Ifm	20	mA
反向电压 Reverse Voltage	VR	5	V
工作温度 Operating Temperature Range	Topr	-40 → +85	°C
储藏温度 Storage Temperature Range	Tstg	-40 → +100	°C
静电电压 Static Voltage	Var		V

*焊接温度 Lead Sodering Temperature 260°C for 3 seconds

*当工作温度高于 25°C 时, Ifm, Ifp 和 Id 必须降低; 电流降低率是 -0.36mA/°C (直流驱动), 或 -0.86mA/°C (脉冲驱动) 功耗降低率是 -0.75mW/°C 产品的工作电流不能大于对应工作温度条件 Ifm 或 Ifp 的 60%
For operation above 25°C, The Ifm Ifp & Pd must be derated, the Current derating is -0.36mA/°C for DC drive and -0.86mA/°C for Pulse drive, the power dissipation is -0.75mW/°C. The product working current must not more than the 60% of the Ifm or Ifp according to the working temperature.

光电特性 Optical-Electrical Characteristic ———> 建议使用驱动检测

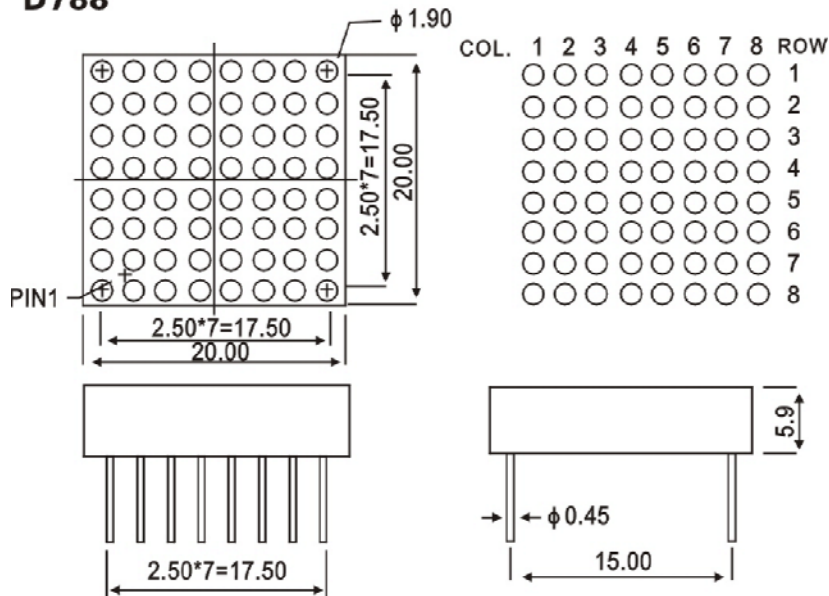
参数 Parameter	测试条件 Test CONDITING	单位 Symbol	Min	Type	Max	单位 Unit
发光强度 Luminous Intensity	IF=10mA	Iv	21.8	25.9	28.4	Mcd
正向电压 Forward Voltage	IF=10mA	VF	-	2.01	-	V
反向电流 REVERSE Current	VR = 5V	IR	-	20		uA
波长 Peak Wavelength	IF=10mA	155.7	630.8	631.7	634.3	nm
带宽 Spectral Bandwidth	IF=10mA	△λ	-	40	-	nm
查看角度 View Angle	IF=10mA	2θ 1/2	-		-	Deg.

3.结构尺寸 Mechanical Outline :

(未注尺寸公差 Unspecified Tolerances is: X±0.2

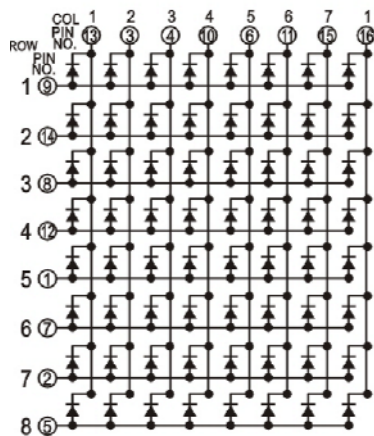
发光颜色 红色
COLOR

D788



. 电路图 Circuit Diagram :

PCB:FJ788A/B



5. 保存和焊接条件 Storage & Soldering Condions :

- Store with care. Storing the units in bad condition will cause the reflector sheet and decrease it' s adhesive power. Storage the products under the condition :temperature ($25^{\circ}\text{C} \pm 10^{\circ}\text{C}$) and humidity ($65^{\circ}\text{C CRH} \pm 20^{\circ}\text{C CRH}$) our recommendation.
- The Soldering Temperature is $260 \pm 5^{\circ}\text{C}$ and Soldering Time should be less than 3 sec, and soldering iron power should be less than 30W.
- The soldering point should be farther than 1.6mm from body.

注意保存, 保存条件不好时, 会降低膜片与反射壳 导光板 的粘附力
推荐保存条件为 温度 $25^{\circ}\text{C} \pm 10^{\circ}\text{C}$
湿度 $65^{\circ}\text{C CRH} \pm 20^{\circ}\text{C CRH}$

焊接温度 $260^{\circ}\text{C} \pm 5^{\circ}\text{C}$, 焊接时间小于 3 秒, 烙铁功率小于 30W

焊接点应离产品实体大于 1.6mm