



深圳市国冶星光电子有限公司
SHENZHEN GUOYEXING OPTOELECTRONICS CO.,LTD.

承 认 书

SPECIFICATION FOR APPROVAL

客户名称Customer: _____

产品型号Model: _____ GYXM-2358CHO

企业号No.: _____ GYX-G-003

客户号Customer No: _____ DDCG0217

日期Date: _____ 2008-01-17

附产品规格书Enclosure is the specification

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生产部 Production Dept.	质量部 Quality Dept.	工程部 Engineering Dept.	市场部 Marketing Dept.
张述花 zhangshuhua	程斯容 chengsirong	廖晶晶 liaojingjing	韩丽娟 hanlijuan

客户确认签名
APPROVED SIGNATURES

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地址: 深圳市蛇口后海大道东角头工业区C座4楼 518067

Add: 4/F, Block C, Dongjiaotou Industrial Zone, Houhai Avenue, Shekou, Shenzhen.

电话Tel: 0086-755-26816353, 26816352

传真Fax: 0086-755-26686042

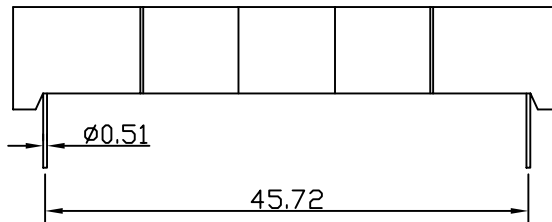
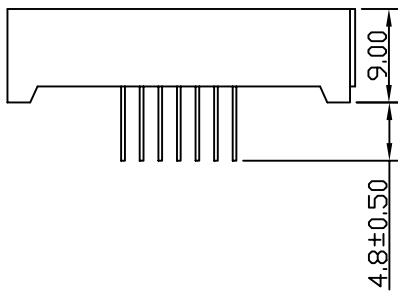
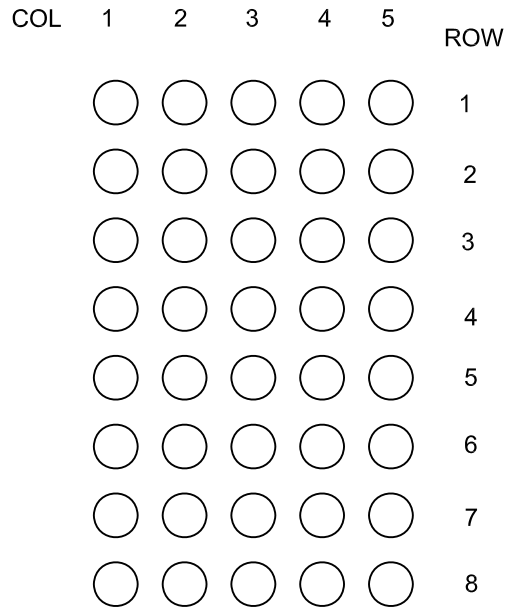
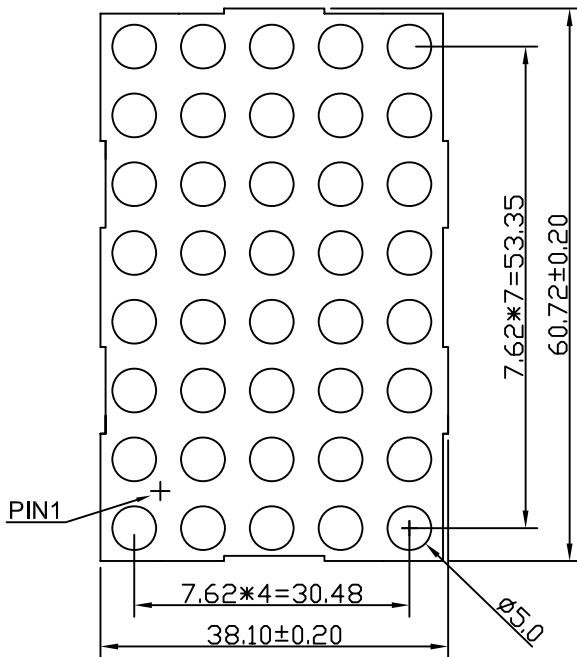
Email: gyx@gyx-led.com

Website: www.Gyx-led.com

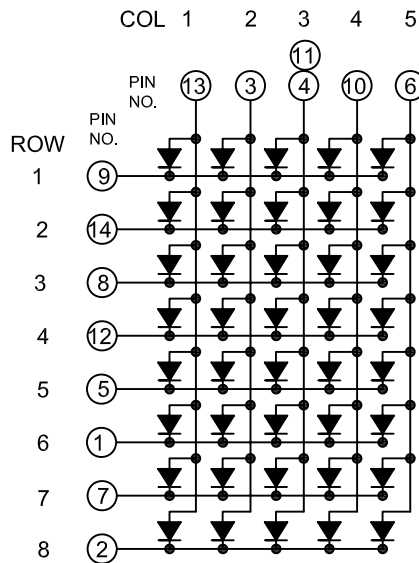


GYXM-2358CHO

PACKAGE DIMENSIONS



INTERNAL CIRCUIT DIAGRAM



Notes:

1. All dimensions are in millimeters (inch), Tolerance is $\pm 0.25\text{mm}$ ($0.01''$) unless otherwise noted.
2. The specification may be changed without notice.



GENERAL INFORMATION

Part NO.	Chip Material	Emitting Color	Lens Type	Description
GYXM-2358CHO	AlGaInP	orange	Diffused	common Cathode

Electrical/Optical Characteristics at Ta=25°C

Parameter	Symbol	Typ.	Max.	Unit	Conditions
Luminous Intensity	I _v	40	50	mcd	I _F =20mA
Peak Wavelength	λ _P	—	—	nm	I _F =20mA
Dominant Wavelength	λ _D	600	605	nm	I _F =20mA
Spectral Line Half-Width	Δλ	—	—	nm	I _F =20mA
Forward Voltage	V _F	1.7	2.5	V	I _F =20mA
Reverse Current 成品反向电流	I _R	50	—	μA	V _R =5V

Absolute Maximum Ratings at Ta=25°C

Parameter	Symbol	Maximum Rating	Unit
Power Dissipation	P _d	75	mW
Forward Current	I _F	20	mA
Peak Forward Current(1)	I _F (Peak)	120	mA
Reverse Voltage	V _R	5	V
Operating Temperature	T _{opr}	-40° c+80° c	
Storage Temperature	T _{stg}	-40° c+80° c	
Lead Solder Temperature(2)	T _{sol}	260° c for 5 seconds	

Notes:

- 1/10 duty cycle, 0.1ms pulse width.
- 2mm below package base.