



# 深圳国冶星光科技股份有限公司

## GYX OPTOELECTRONICS CO.,LTD.

### 承认书

SPECIFICATION FOR APPROVAL

客户名称Customer: \_\_\_\_\_

产品型号Model: GYXM-1388AUR1-/半C

承认书编号No: DD-CR-1511-002

制作日期 Date: 2015-11-03

附产品规格书Enclosure is the specification

深圳国冶星光科技股份有限公司

GYX OPTOELECTRONICS CO.,LTD.

生产部 Production Dept.	品质部 Quality Dept.	工程部 Engineering Dept.	市场部 Marketing Dept.

客户确认签名

APPROVED SIGNATURES

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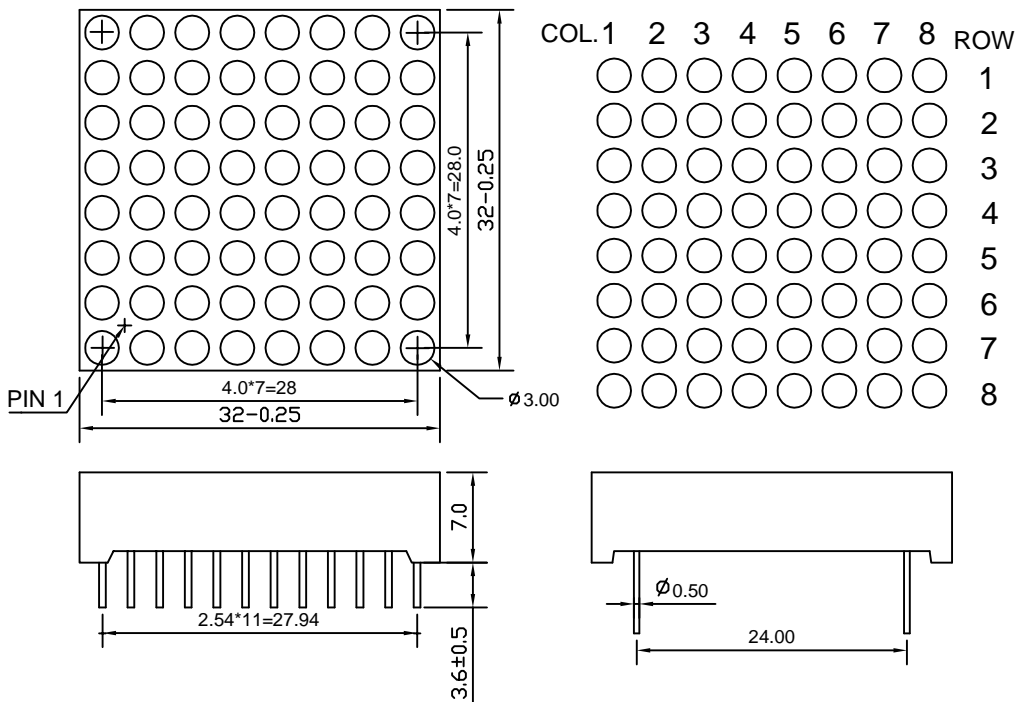


# GYXM-1388AUR1-/半C

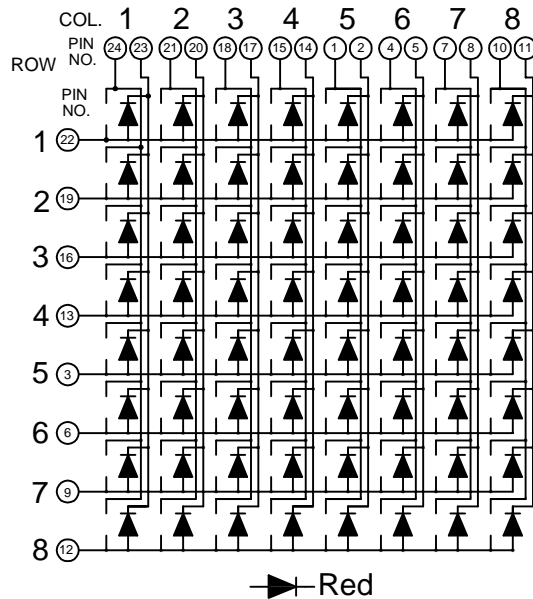
## 1.Features:

- High intensity and reliability
- High quality,Low power requirement
- IC compatible,Easy assembly
- ESD HBM2000V
- ROHS Compliant

## 2.Package Dimensions



## 3.Internal Circuit Diagram



### Notes:

1. All dimensions are in millimeters.
2. Tolerance is  $\pm 0.25\text{mm}(0.01\text{'})$  unless otherwise noted



## GYXM-1388AUR1-1/2C



## 4. General Information

Part NO.	Chip Material	Emitting Color	Lens Type	Description
GYXM-1388AUR1-1/2C	AllnGap	Red	Diffused	Common Anode

## 5. Electrical / Optical Characteristics at Ta=25 °C

Parameter	Symbol	Color	Min.	Typ.	Max.	Unit	Conditions
Luminous Intensity	Iv	Red	—	120	130	mcd	IF=20mA
Peak Wavelength	$\lambda_p$	Red	—	—	—	nm	IF=20mA
Dominant Wavelength	$\lambda_D$	Red	—	622	625	nm	IF=20mA
Spectral Line Half-Width	$\Delta\lambda$	Red	—	—	45	nm	IF=20mA
Forward Voltage	VF	Red	1.8	2.0	2.5	V	IF=20mA
Reverse Current	IR	Red	—	—	30	uA	VR=5V

## 6. Absolute Maximum Ratings at Ta=25 °C

Parameter	Symbol	Maximum Rating	Unit
Power Dissipation	Pd	75	mW
Forward Current	IF	20	mA
Peak Forward Current (1)	IF(Peak)	80	mA
Reverse Voltage	VR	5	V
Operating Temperature Range	Topr	-35°C+85°C	
Storage Temperature Range	Tstg	-35°C+85°C	
Lead Solder Temperature (2)	Tsol	260°C for 3 seconds	

## Notes:

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