



深圳国治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-1588AUR9-/C

承认书编号No: DD-CR-1511-003

制作日期 Date: 2015-11-03

附产品规格书Enclosure is the specification

深圳国治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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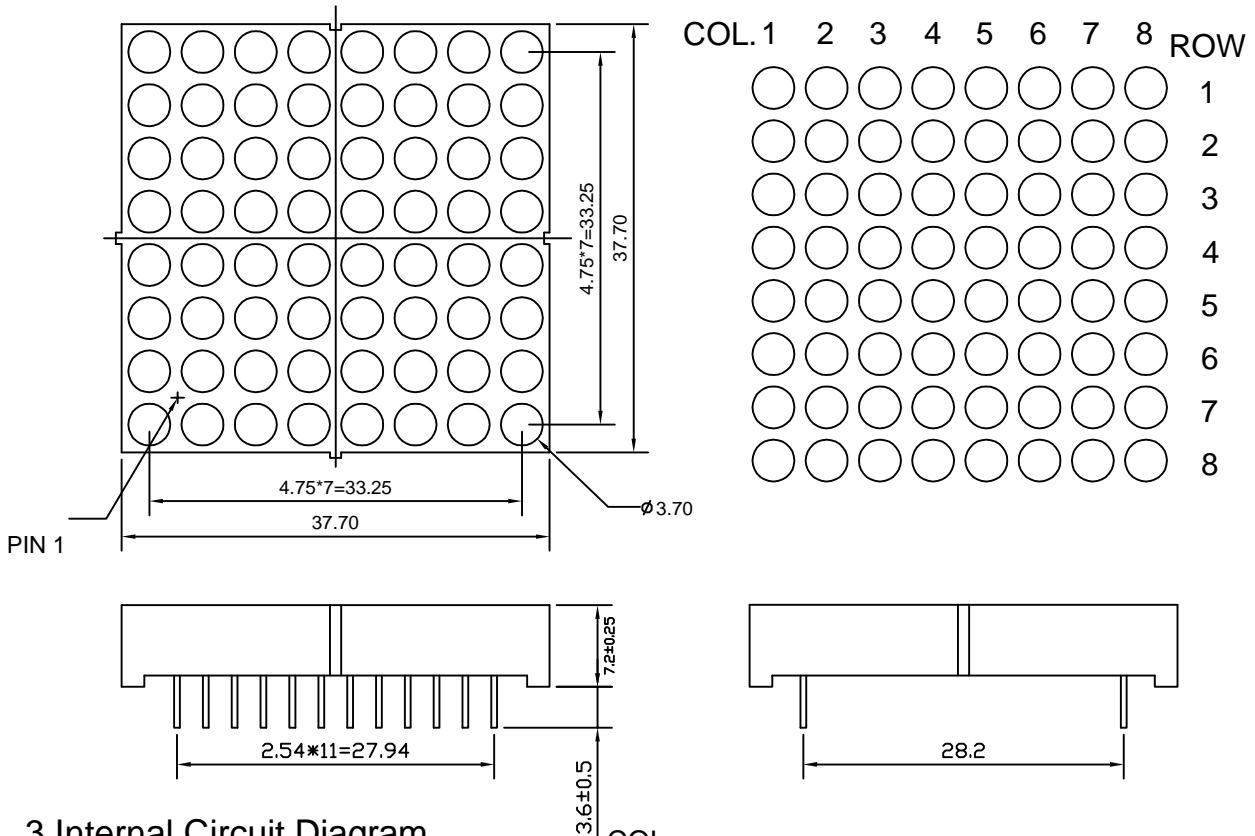


GYXM-1588AUR9/C

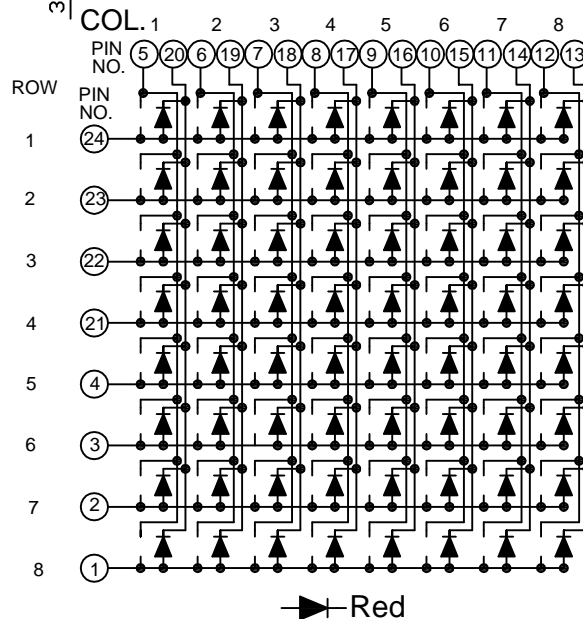
1.Features:

- 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-1588AUR9-/C



4. General Information

Part NO.	Chip Material	Emitting Color	Lens Type	Description
GYXM-1588AUR9-/C	AllnGap	Red	Water Clear	Common Anode

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

Parameter	Symbol	Color	Min.	Typ.	Max.	Unit	Conditions
Luminous Intensity	Iv	Red	—	200	230	mcd	IF=20mA
Peak Wavelength	λ_p	Red	—	—	—	nm	IF=20mA
Dominant Wavelength	λ_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.