



深圳国冶星光电科技股份有限公司

GYX OPTOELECTRONICS CO.,LTD.

承认书

SPECIFICATION FOR APPROVAL

客户名称Customer: _____

产品型号Model: GYXM-R2388AURG3

承认书编号No: DD-CR-1401-009

制作日期 Date: 2015-11-05

附产品规格书Enclosure is the specification

<p>深圳国冶星光电科技股份有限公司</p> <p>GYX OPTOELECTRONICS CO.,LTD.</p>			
<p>生产部</p> <p>Production Dept.</p>	<p>品质部</p> <p>Quality Dept.</p>	<p>工程部</p> <p>Engineering Dept.</p>	<p>市场部</p> <p>Marketing Dept.</p>

<p>客户确认签名</p> <p>APPROVED SIGNATURES</p>			

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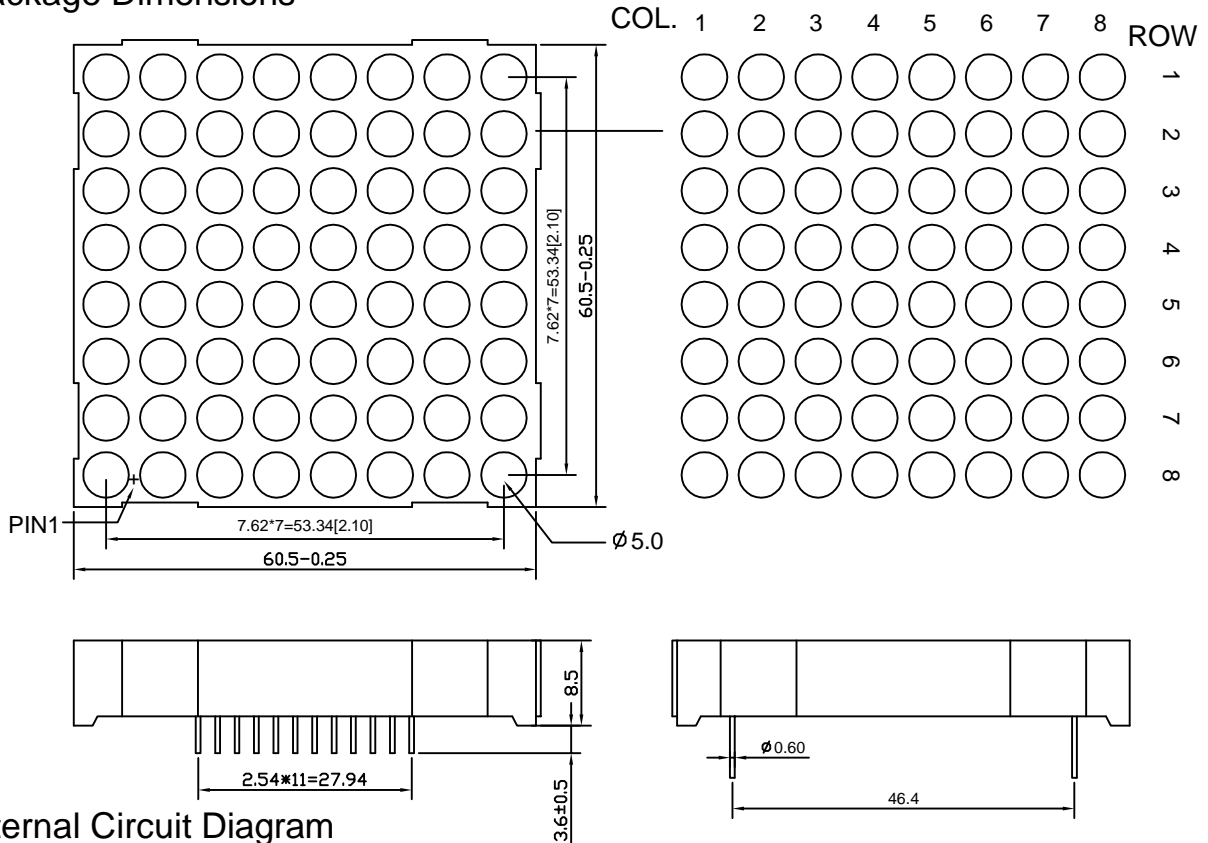


GYXM-R2388AURG3

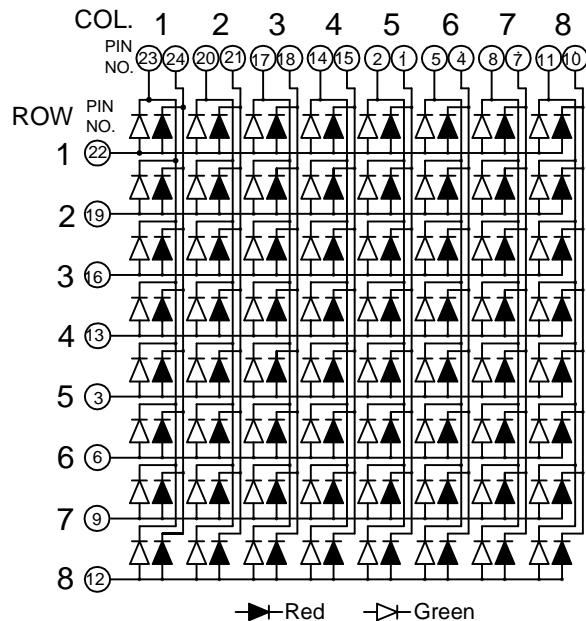
1.Features:

- 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") unless otherwise noted



GYXM-R2388AURG3

4. General Information

Part NO.	Chip Material	Emitting Color	Lens Type	Description
GYXM-R2388AURG3	AllnGap	Red	Diffused	Common Anode
	AllnGap	Green		

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

Parameter	Symbol	Color	Min.	Typ.	Max.	Unit	Conditions
Luminous Intensity	Iv	Red	—	20	23	mcd	IF=20mA
		Green	—	28	32		
Peak Wavelength	λp	Red	—	—	—	nm	IF=20mA
		Green	—	—	—		
Dominant Wavelength	λD	Red	—	635	645	nm	IF=20mA
		Green	—	570	571		
Spectral Line Half-Width	Δλ	Red	—	—	45	nm	IF=20mA
		Green	—	—	45		
Forward Voltage	VF	Red	1.8	2.0	2.5	V	IF=20mA
		Green	1.8	2.0	2.5		
Reverse Current	IR		—	—	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.