

GYXM-1388AURG/C (Φ3.0 two-color led 8*8)



Custom processing: Yes, Brightness: Highlight, Use environment: indoor, Type: LED dot matrix, Installation method: inlaid, Display color: two-color, Module size: 32*32(mm), Pixel diameter: Φ3 (mm), Brand: Guoyexing, Pixel pitch: 4.0 (mm), Display mode: page turn display, Model: GYXM-1388AURG/C,

Product Description

- Module size: 32mm*32mm
- Module pixel: 8*8
- Pixel diameter: Φ3.0mm
- Pixel color: 1 red 1 pure green
- Dot spacing: P4.0mm.
- Compliant with RoHS requirements.

Application :

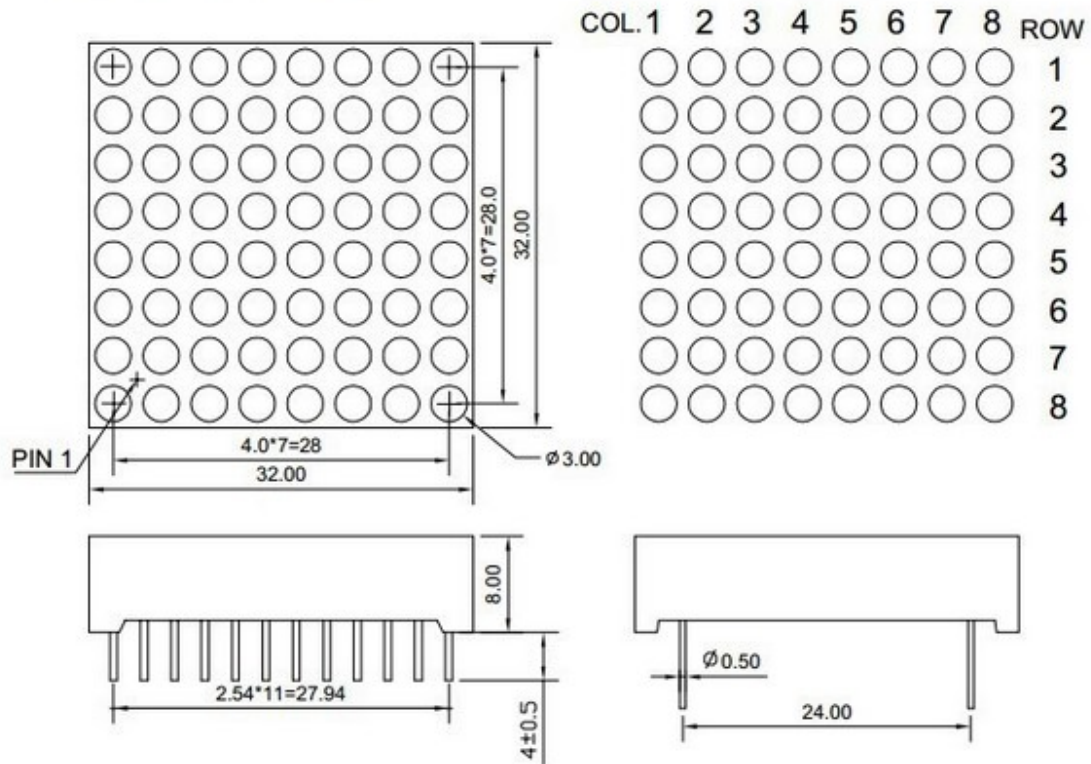
- Station, Subway station display screen;
- bank, Supermarket, school, hospital information display;
- Car advertising screen;
- Electric door information screen.

Part Number	Lens Type	Emitting Color	Wavelength	Vf(v)	Iv(cd/m ²)
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			(nm)	Typ	@1/16 scan		
GYXM-1388AURPG/C	Water Clear	Red	620	1.9	R	G	Y
		Pure Green	527	3.3	900	2900	3600

Specification drawing:

PACKAGE DIMENSIONS



GENERAL INFORMATION

Part NO.	Chip Material	Emitting Color	Lens Type	Description
GYXM-1388ASRG/ 半C	GaAlAs/GaAs	RED	Diffuse	common Anode
	GaAlAs/GaAs	GREEN		

Electrical/Optical Characteristics at Ta=25°C

Parameter	Symbol	Typ.	Max.	Unit	Conditions
Luminous Intensity	Iv	11	12	mcd	IF=20mA
		12	14		
Peak Wavelength	λ_P	—	—	nm	IF=20mA
		—	—		
Dominant Wavelength	λ_D	640	645	nm	IF=20mA
		570	573		
Spectral Line Half-Width	$\Delta\lambda$	—	45	nm	IF=20mA
		—	30		
Forward Voltage	VF	1.6	2.5	V	IF=20mA
		1.8	2.6		
Reverse Current	IR	50	—	uA	VR=5V

GYXM-1388/1588/1988/2388 LED Dot-matrix Display RGB 3.0/3.75/4.8/5.0 mm, 32mm x 32mm, 37.7mm*37.7mm, 48mm*48mm, 60.5mm*60.5mm, 8 * 8

Specification

1. Pixel Diameter: 3.0mm 3.75mm 4.8mm 5.0mm
2. Pixel Pitch: P4.0mm P3.7mm P6.0mm P7.62mm
3. Pixel: 8*8
4. Surface color: Black face
5. Color: R/ G/ B/ R PG/ RPGB
6. RoHS compliant
7. Advantages: Low Power consumption, low attenuation, hardly with color difference
8. Various emitting colors and various specifications are available
9. These devices are made with black surface and white segments

- 10. Including single color, bi-color and full color
- 11. Usage: Both indoor and outdoor
- 12. Solid package, high stability
- 13. Brightness: Can be designed
- 14. Chip: High quality

Application

- 1. Information display in Bank, Super-market, School, Hospital and other place
- 2. Information screen in Electrically operated gate
- 3. LED Display in Bus station & Metro station
- 4. Automotive advertising screen

Item	Model	Model	Model	Model
Led	GYXM-1388AUR	GYXM-1388AURG	GYXM-1388AURPG	GYXM-1388AURPGB
Pixel Diameter	3.0mm	3.0mm	3.0mm	3.0mm
Pixel Pitch	P4.0mm	P4.0mm	P4.0mm	P4.0mm
Pixel	8*8	8*8	8*8	8*8
Size	32mm*32mm	32mm*32mm	32mm*32mm	32mm*32mm
Pixel Color	R	R+YG	R+PG	R+PG+B
Surface Color	Black Face	Black Face	Black Face	Black Face
Color	R	R YG	R PG	R PG B
(nm)Peak Wavelength	630-640	630-640 570-572	620-625 520-525	620-625 520-525 465-467.5
Typ(v)	1.6-2.4	1.6-2.4 1.8-2.6	1.6-2.4 2.8-3.8	1.6-2.4 2.8-3.8 2.8-3.8

Brightness(mcd)	20-30	20-30 30-40	90-120 400-420	90-120 270-300 100-120
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Φ3.75 mm Series

Item	Model	Model	Model	Model
Led	GYXM-1588AUR	GYXM-1588AURG	GYXM-1588AURPG	GYXM-1588AURPGB
Pixel Diameter	3.75mm	3.75mm	3.75mm	3.75mm
Pixel Pitch	P4.75mm	P4.75mm	P4.75mm	P4.75mm
Pixel	8*8	8*8	8*8	8*8
Size	37.7mm*37.7mm	37.7mm*37.7mm	37.7mm*37.7mm	37.7mm*37.7mm
Pixel Color	R	R+YG	R+PG	R+PG+B
Surface Color	Black Face	Black Face	Black Face	Black Face
Color	R	R YG	R PG	R PG B
(nm)Peak Wavelength	630-640	630-640 569-572	620-625 520-525	620-625 520-525 465-467.5
Typ(v)	1.6-2.4	1.6-2.4 1.8-2.6	1.6-2.4 2.8-3.8	1.6-2.4 2.8-3.8 2.8-3.8
Brightness(mcd)	20-30	20-30 30-40	90-120 400-420	90-120 270-300 100-120

Φ4.8 mm Series

Item	Model	Model	Model	Model
Led	GYXM-1988AUR	GYXM-1988AURG	GYXM-1988AURPG	GYXM-1988AURPGB
Pixel Diameter	4.8mm	4.8mm	4.8mm	4.8mm
Pixel Pitch	P6.0mm	P6.0mm	P6.0mm	P6.0mm
Pixel	8*8	8*8	8*8	8*8
Size	48mm*48mm	48mm*48mm	48mm*48mm	48mm*48mm
Pixel Color	R	R+YG	R+PG	R+PG+B
Surface Color	Black Face	Black Face	Black Face	Black Face
Color	R	R YG	R PG	R PG B
(nm)Peak Wavelength	630-640	640-645 570-572	620-625 520-525	620-625 520-525 465-467.5
Typ(v)	1.6-2.4	1.6-2.4 1.8-2.6	1.6-2.4 2.8-3.8	1.6-2.4 2.8-3.8 2.8-3.8
Brightness(mcd)	20-30	20-30 30-40	90-120 400-420	90-120 270-300 100-120

Φ5.0 mm Series

Item	Model	Model	Model	Model
Led	GYXM-2388AUR	GYXM-2388AURG	GYXM-2388AURPG	GYXM-2388AURPGB
Pixel Diameter	5.0mm	5.0mm	5.0mm	5.0mm
Pixel Pitch	P7.62mm	P7.62mm	P7.62mm	P7.62mm
Pixel	8*8	8*8	8*8	8*8
Size	60.5mm*60.5mm	60.5mm*60.5mm	60.5mm*60.5mm	60.5mm*60.5mm
Pixel Color	R	R+YG	R+PG	R+PG+B
Surface Color	Black Face	Black Face	Black Face	Black Face
Color	R	R YG	R PG	R PG B
(nm)Peak Wavelength	620-625	630-640 570-572	620-625 520-525	620-625 520-525 465-467.5
Typ (v)	1.6-2.4	1.6-2.4 1.8-2.6	1.6-2.4 2.8-3.8	1.6-2.4 2.8-3.8 2.8-3.8
Brightness(mcd)	20-30	20-30 30-40	90-120 400-420	90-120 270-300 100-120