1

2

3

4

5

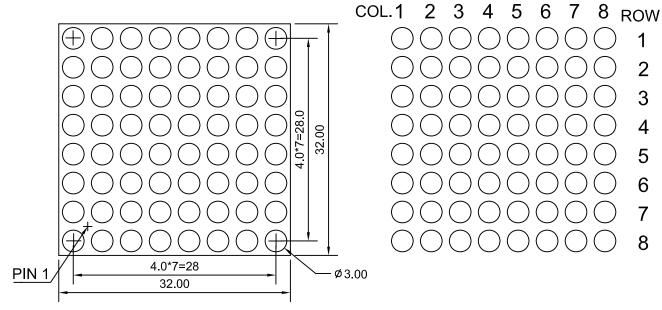
6

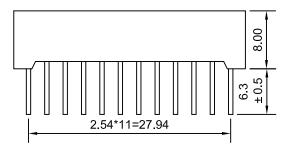
7

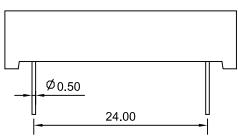
8

GYXM-1388ASRG

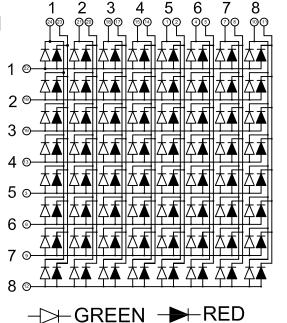
PACKAGE DIMENSIONS







INTERNAL CIRCUIT DIAGRAM



NOTES:

- 1. All Dimensions are in millimeters(inches).
- 2. Tolerance is ± 0.25mm(0.01")unless otherwise noted

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GUOYEXING OPTOELECTRONICS CO., LTD.

Dot Matrix Display

GENERAL INFORMATION

Part NO.	Chip Material	Emitting Color	Lens Type	Description
GYXM-1388ASRG	GaAlAs/GaAs	RED	water clear	common Anodo
GTAM-1300ASKG	GaP	GREEN	water clear	common Anode

Electrical/Optical Characteristics at Ta=25°C

_	_	_			_
Parameter	Symbol	Тур.	Max.	Unit	Conditions
Luminous Intensity	lv	11	_	mcd	IF=20mA
-		11.5	_		
B 1 W 1 (1	,	_	_		 F=20mA
Peak Wavelength	λP	_	_	nm	IF-20IIA
Dominant Wavelength	λÞ	645	_	- nm	IF=20mA
Bommant Wavolongth		572	_		
Spectral Line Half-Width	۵	_	45	nm	I F=20mA
Opecital Ellic Trail-Wall		_	30		
Forward Voltage	VF	1.85	1.95	V	I F=20mA
1 Orward Voltage		2.20	2.30		
Reverse Current	I R	50	_	uA	Vr=5V

Absolute Maximum Ratings at Ta=25°C

Parameter	Symbol	Maximum Rating	Unit
Power Dissipation	Pd	65	mW
1 over Bloodparien		75	
Forward Current	lF	20	mA
Peak Forward Current(1)	. (5 .)	120	mA
Feak Forward Current(1)	Ir(Peak)	120	
Reverse Voltage	Vr	5	V
Operating Temperature	Topr	-40° c+80° c	
Storage Temperature	Tstg	-40° c+80° c	
Lead Solder Temperature(2)	Tsol	260° c for 5 seconds	

Notes:

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

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