

LEDIST OPTOELECTRONICS CO., LTD

Data sheet for LC-235812URSGWA

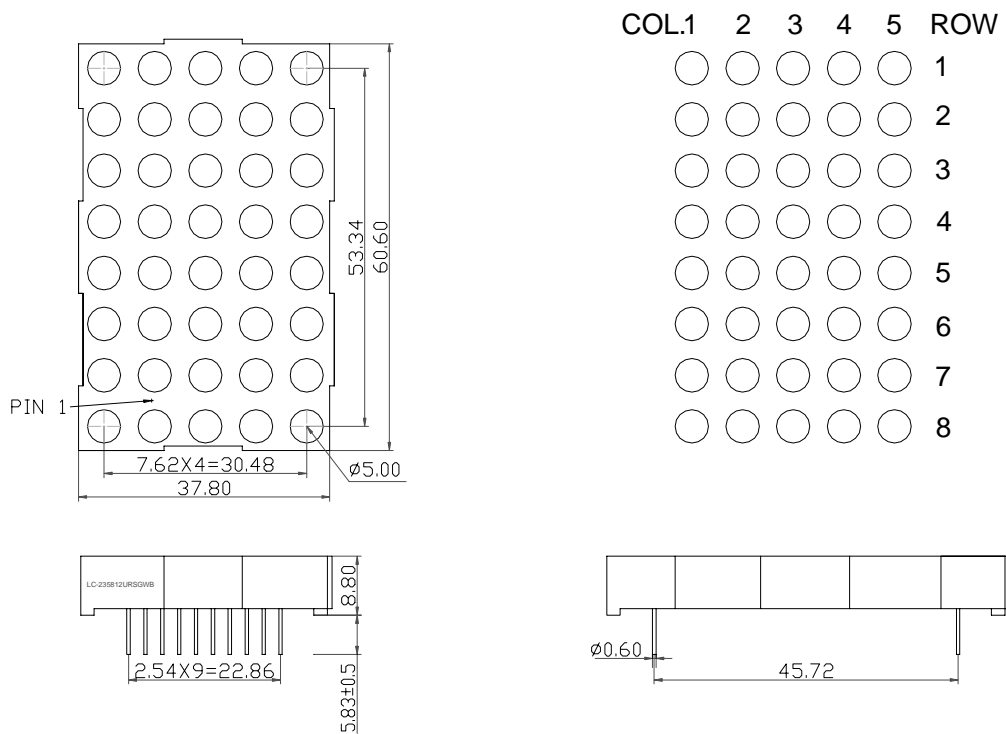
Features:

- Low power consumption
- High intensity and solid state reliability
- Continuous and uniform segment
- Industrial standard size, IC compatible

Description:

- 5×8 dot matrix display, 5.0mm dot and 7.62mm pitch
- Emitting color: AlGaAs/Ultra red + AlGaInP/Super Yellow green
- Gray face, White diffused epoxy
- Common cathode

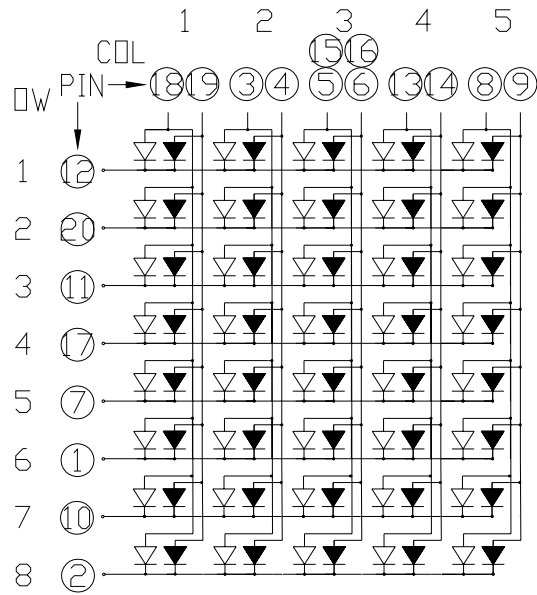
Package Dimensions:



Notes:

1. All dimensions are in millimeters(inches)
2. Tolerance is 0.25mm(0.01") unless otherwise noted
3. Above specifications may be changed without notice

Internal Circuit Diagram:



Absolute maximum ratings at Ta = 25 :

Parameter	SG	UR	Unit
Reverse Voltage	65	65	V
Forward Current	25	25	mA
Operating Temperature	-40 to + 85		°C
Storage Temperature	-40 to + 85		°C
Soldering Temperature	260 ± 5 (less than 5 sec.)		°C
Power Consumption	65	65	mW

Electrical Characteristics at TA=25°C:

Parameter	Symbol	Color	Min	Typ	Max	Unit	Test condition
Luminous Intensity Per Segment	Iv	SG	—	12	—	mcd	IF=10mA
		UR	—	17	—		
Dominant Wavelength	λd	SG	—	573	—	nm	IF=20mA
		UR	—	643	—		
Spectrum Radiation Bandwidth	Δλ	SG	—	30	—	nm	IF=20mA
		UR	—	35	—		
Forward Voltage Per Segment	Vf	SG	—	2.25	2.30	V	IF=20mA
		UR	—	1.85	2.0		
Reverse Current Per Segment	Ir	SG	—	—	100	μ A	VR =5V
		UR	—	—	100		