

# 16×32 dot matrix unit

## LUM-512HY304

The LUM-512HY304 is a 16×32 dot matrix display which can be used in a wide range of applications, including alphabet, numeric, symbol and graphical displays. A large display can be easily created by arranging a number of these dot matrix displays in an array, and they can be applied to a variety of display purposes. A custom LSI controller has display data memory for two screens, and data for each screen can be written and displayed in turn.

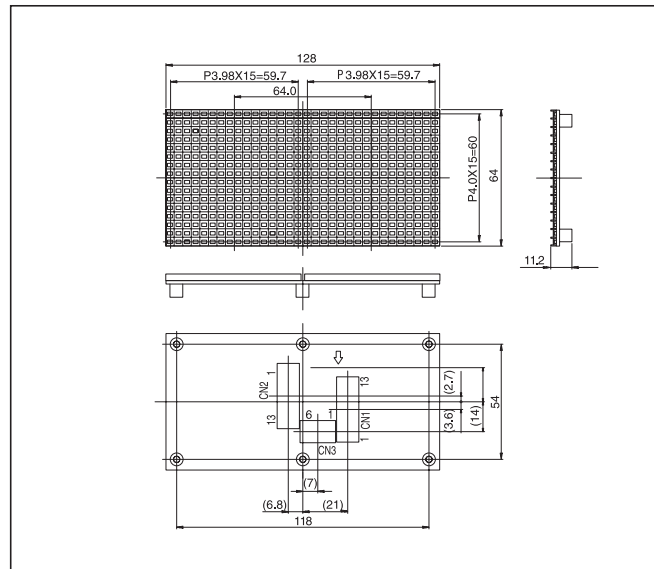
**●Applications**

For information boards at stations, bus terminals and airports.  
For message boards.

**●Features**

- 1) 16×32 dot matrix.  
Shape of emitting section : □1.6×2.3
- 2) Dimensions : 64mm×128mm
- 3) Clear display(With louver).
- 4) Single-color display is possible (yellow).
- 5) 1 / 16 duty dynamic scan method.
- 6) Wide viewing angle (2θ 1/2=100degrees)

**●Dimensions (Unit : mm)**



**●Product specification**

Part No.	Emitting surface size (mm)	Display	Emitting color	Wavelength (nm)	Dot size (mm)	Dot pitch (mm)	Number of dots (dot)	Control		LED		Brightness (cd/m <sup>2</sup> )	Operating freq. (MHz)	Drive type
								V <sub>DD</sub> (V)	I <sub>CC1</sub> Max. (mA)	V <sub>LED</sub> (V)	I <sub>CC2</sub> Max. (A)			
LUM-512HY304	64 × 128	Chip LEDs	Yellow	590	1.6 × 2.3	4	16 × 32	5	30	5	2.0	2400	20	1/16 duty (Memory type)

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