

24×48 dot matrix unit

LPM-1153MU300

The LPM-1153MU300 is a 24×48 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.

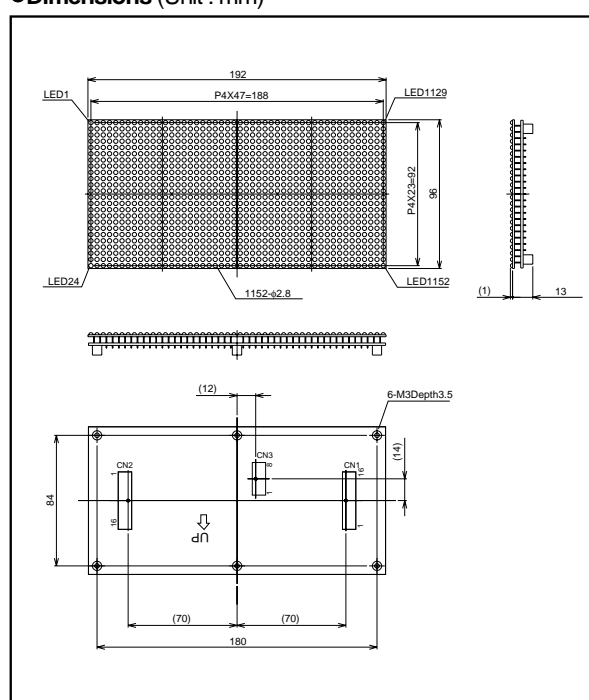
●Applications

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

●Features

- 1) 24×48 dot matrix.
Dot size : $\phi 2.8\text{mm}$
- 2) Dimensions : 96mm×192mm
- 3) High-contrast & Wide-viewing display by
Potting lens technology (Rohm original)
- 4) Supports Three-colors (red, green, orange)
- 5) 1/24 duty dynamic scan method.
- 6) Wide viewing angle ($2\theta 1/2=140$ degrees)
- 7) 4-level brightness control function is built in.

●Dimensions (Unit : mm)



●Product Specifications

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 ²)	Operating freq. (MHz)	Drive type
								V _{DD} (V)	I _{CC1} Max. (mA)	V _{LED} (V)	I _{CC2} Max. (A)			
LPM-1153MU300	96×192	Potting lens	Red	624	φ 2.8	4	24×48	5	40	5	6.0	300	20 (Max.)	1/24 duty (Memory type)
			Green	571								300		

Notes

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