

24×48 dot matrix unit

LUM-115BMU300

The LUM-115BMU300 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.

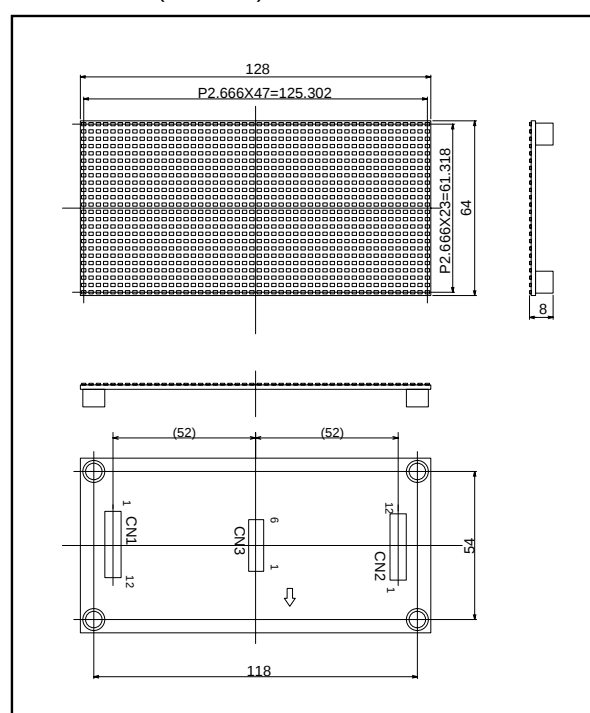
●Applications

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

●Features

- 1) 24×48 dot matrix.
Dot size : 1.0×0.6mm
- 2) Dimensions : 64mm×128mm
- 3) Supports Three-colors (red, green, orange)
- 4) 1/24 duty dynamic scan method.

●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 (mm)	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)			
LUM-115BMU300	64×128	Chip LED	Red	624	1.0×0.6	2.7	24×48	5	40	5	2.0	300	20 (Max.)	1/24 duty (Memory type)
			Green	572								300		

Notes

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