16×32 dot matrix unit

LUM-512HMU308

The LUM-512HMU308 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.

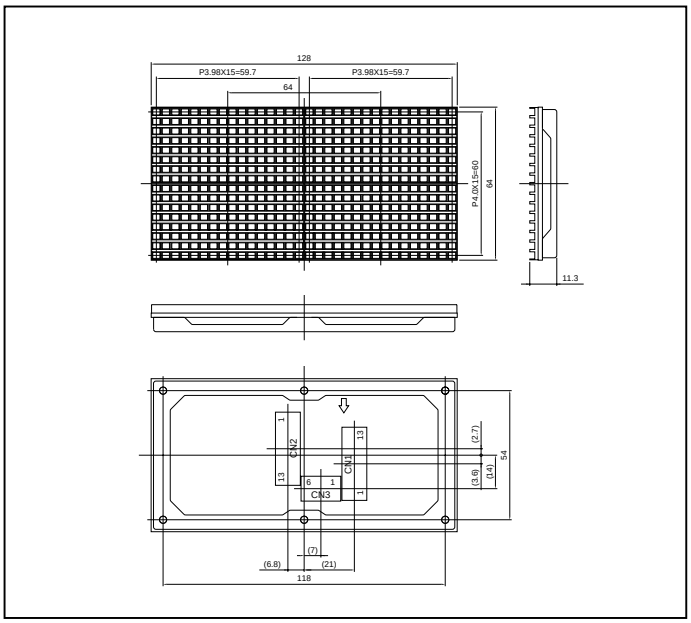
●Applications

Light source for displays

●Features

1) 16×32 dot matrix.
   Shape of emitting section : □2.0×2.5
2) Dimensions : 64mm×128mm
3) Achieved high brightness by using chip LEDs with inner lens.
4) Three-color display is possible (red, green, and orange).
5) 1 / 16 duty dynamic scan method.
6) Ultra-thin shape of 11.3mm, light weight of 95g and wide directional characteristics of 100 degrees.

●External dimensions (Units : mm)



●Specifications

For specifications, refer to “LUM unit series”.
(www.rohm.com/products/databook/dp/pdf/lum-unit.pdf)