BOLYMIN

BL12864G2

BL-7

Feature

1. OLED display 128 x 64 dots
2. Built-in controller SPD0301
3. +3.3V power supply
4. 1/64 duty cycle
5. Color: white or yellow
6. Option: 6800, SPI, I²C interface

Mechanical Data

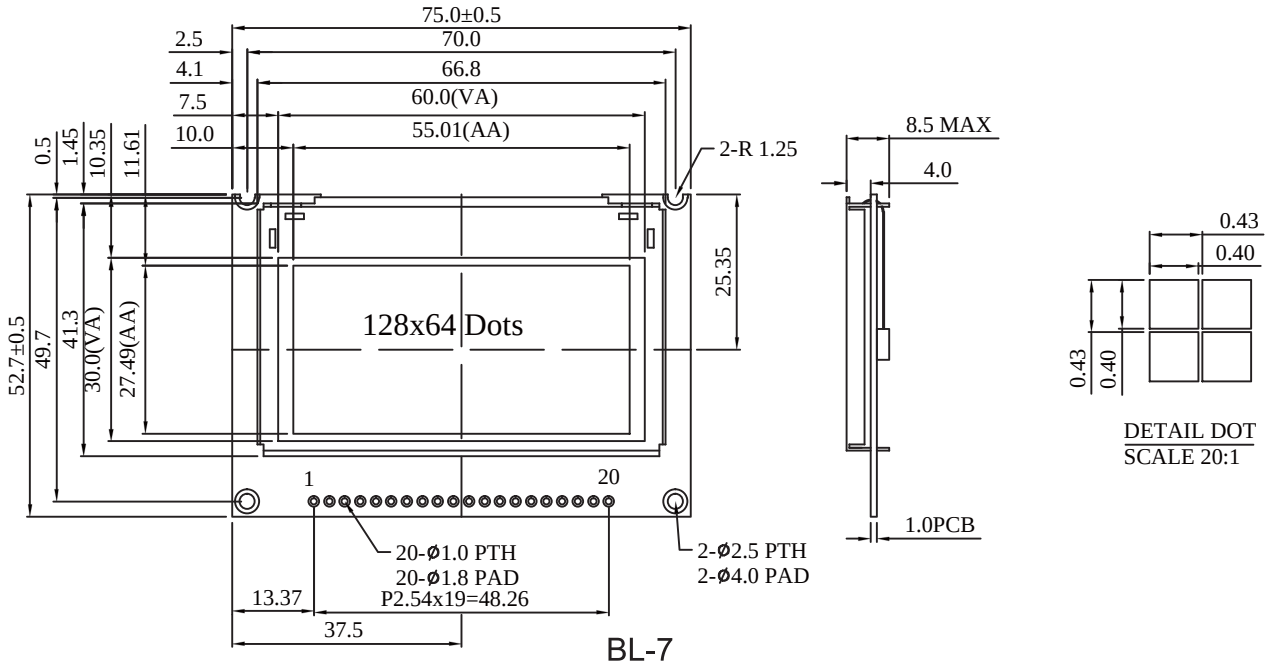
Item	Standard Value	Unit
Module Dimension	75.0 x 52.7	mm
Viewing Area	60.0 x 30.0	mm
Dot Size	0.40 x 0.40	mm
Dot Pitch	0.43 x 0.43	mm

Pin Assignment

Pin	Symbol	Level	Function
1	Vdd	3.3V	Supply voltage for logic
2	Vss	0V	Grond
3	NC	...	No connection
4-11	DB0-7	H/L	Data bus line
12	CS	H/L	Chip select pin
13	NC	...	No connection
14	/RES	H/L	Hardware Reset pin
15	WR	H/L	Data write enable pin
16	RS	H/L	H: Data, L: Command
17	RD	H/L	Data read enable pin
18	NC	...	No connection
19	DISF VCC	H/L H	DISF: VCC Voltage ON/OFF VCC: Supply Voltage for OLED
20	NC	....	No connection

Electronic Characteristics

Item	Symbol	Condition	Value	Unit
Input Voltage	Vdd	Vdd = +3.3V	3.3 (Typ.)	V
Supply Current	Idd	Vdd = +3.3V	220 (Max.)	mA
Pixel Brightness	Lu	Vdd = +3.3V	70	cd /m²

* Contrast setting:0Xa0,Color: white ,Pixel all on

Dimension