BOLYMIN

BO12864E1

Feature

1. COG package
2. Built-in controller ST7565
3. 1/64 duty cycle
4. +3.3V single power supply
5. On chip LCD booster
6. Option: LED Edge

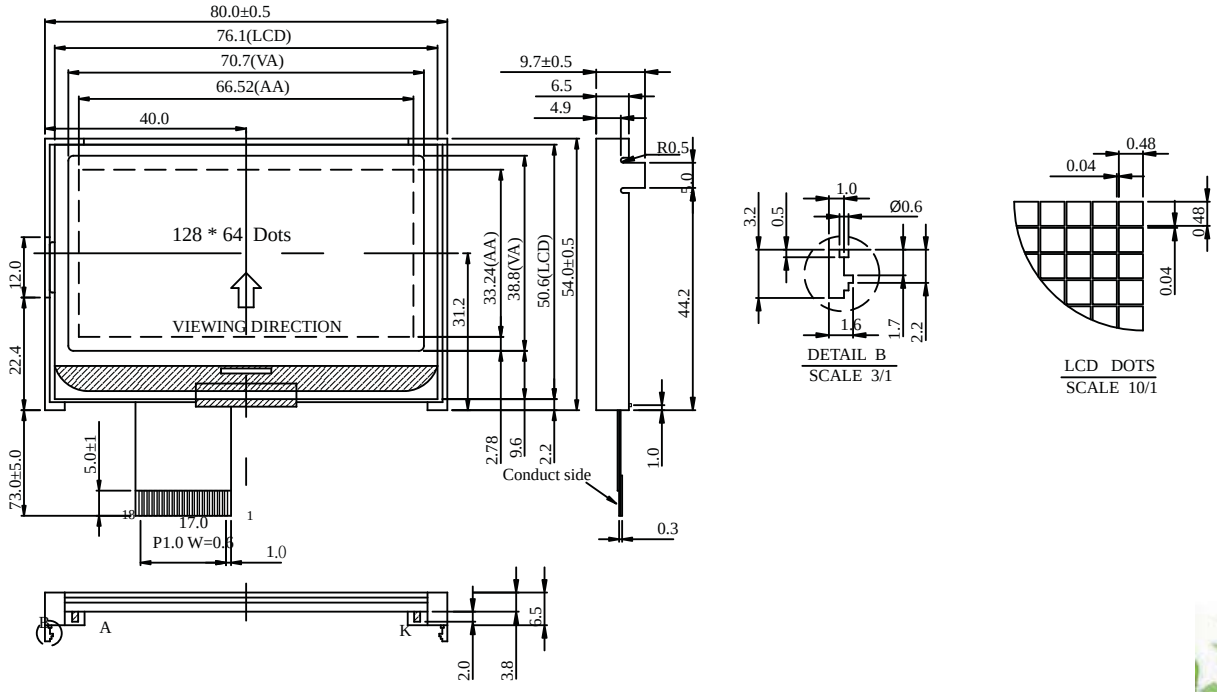
Mechanical Data

Item	Standard Value	Unit
Module Dimension	80.0 x 54.0	mm
Viewing Area	70.7 x 38.8	mm
Dot Size	0.48 x 0.48	mm
Dot Pitch	0.52 x 0.52	mm

Pin Assignment

Pin	Symbol	Function
1	VSS	Power supply(GND)
2	VDD	Power supply(+3.3V)
3	VO	Contrast Adjustment
4	/RES	Reset signal
5	/CS	Chip select
6	RS	Command/Data
7	/WR	80:write signal 68:R/W signal
8	/RD	80:read signal 68:enable signal
9~16	DB0~DB7	Data bus
17	A	Power supply for B/L+
18	K	Power supply for B/L-

Electronic Characteristics

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	Vdd	Vdd = +3.3V	3.3	V
Supply Current	Idd	Vdd = +3.3V	0.5	mA
LCD Driving Voltage	Vdd-V5	25 ^{o}C	9.0	V

Dimension