BOLYMIN

BG128128E

Feature

1. SMT PCB with metal frame
2. Built-in controller T6963C
3. +5V single power supply
4. 1/128 duty cycle
5. Option: LED, edge RGB B/L
6. Option: 16x6 matrix touch panel
7. Option: negative voltage

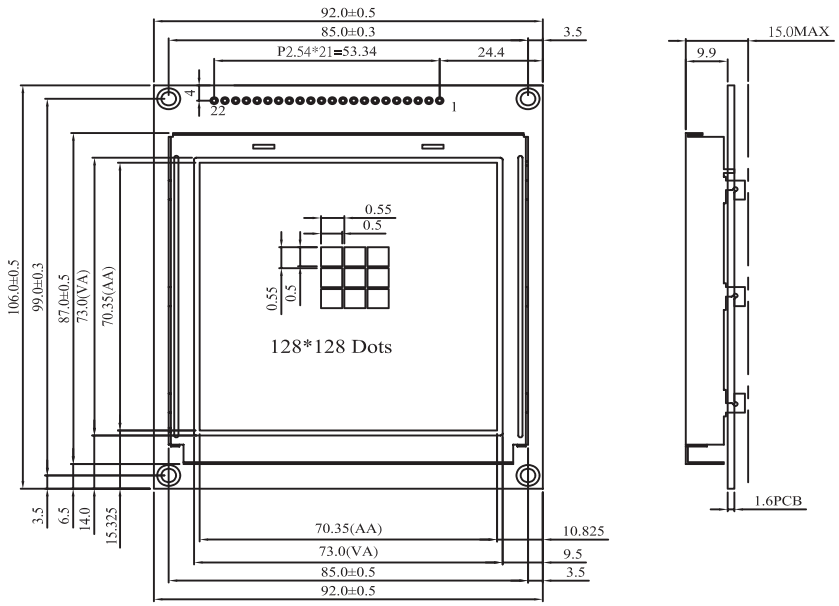
Mechanical Data

Item	Standard Value	Unit
Module Dimension	92.0 x 106.0	mm
Viewing Area	73.0 x 73.0	mm
Dot Size	0.50 x 0.50	mm
Dot Pitch	0.55 x 0.55	mm

Pin Assignment

Pin	Symbol	Description
1	FGND	Frame ground
2	Vss	Ground
3	Vdd	Power supply for logic (+5V)
4	Vo	Contrast adjustment
5	/WR	Data write.
6	/RD	Data read.
7	/CE	Chip enable
8	C/D	Command/Data read/write
9	/RESET	Reset signal
10-17	DB0~7	Data bus line
18	Fs	Font selection
19	A	Power supply for BL (+)
20	KB	Power supply for BL (GND)
21	KG	Power supply for BL (GND)
22	KR	Power supply for BL (GND)

Electronic Characteristics

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	Vdd	Vdd = +5V	5.0	V
Supply Current	Idd	Vdd = +5V	45	mA
LCD Driving Voltage	V_{LCD}	25°C	17.3	V

Dimension