



Feature

1. SMT PCB with metal frame
2. Built-in controller UCi6963c
3. 1/128 duty cycle
4. +5V single power supply
5. Option: negative voltage
6. Option: LED edge/array B/L

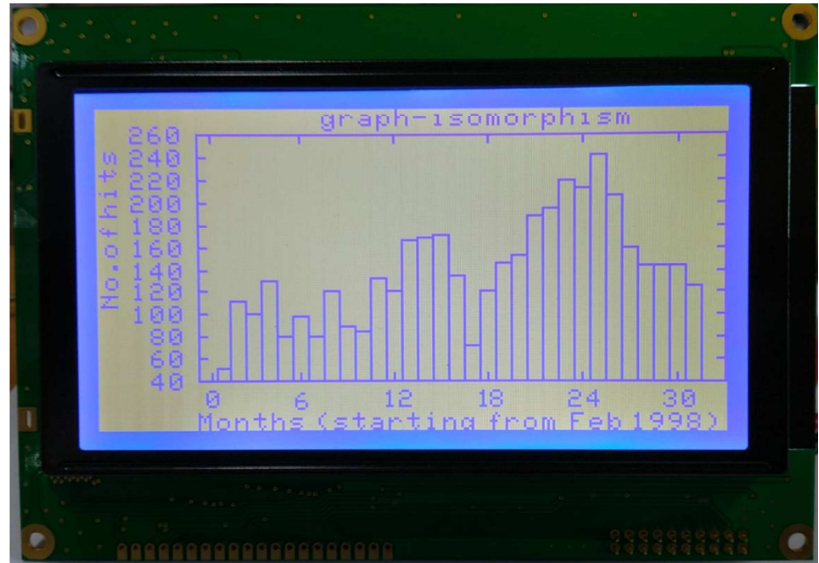
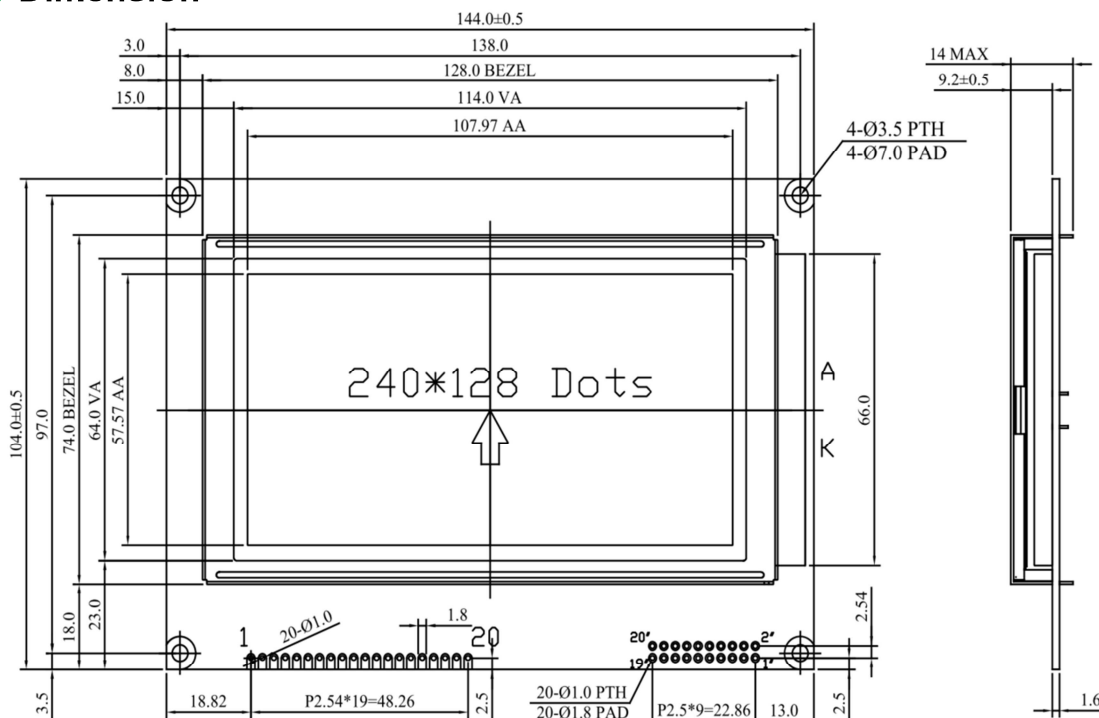
Mechanical Data

Item	Standard Value	Unit
Module Dimension	144.0 x 104.0	mm
View Area	114.0 x 64.0	mm
Dot Size	0.42 x 0.42	mm
Dot Pitch	0.45 x 0.45	mm

Pin Assignment

Pin	Symbol	Description	Pin	Symbol	Description
1	FG	Frame GND	1"	FG	Frame GND
2	VSS	GND	2"	VSS	GND
3	VDD	Power supply (+5V)	3"	VDD	Power supply (+5V)
4	V0	Power supply for LCD driver	4"	V0	Power supply for LCD driver
5	/WR	Data write	5"	/WR	Data write
6	/RD	Data read	6"	/RD	Data read
7	/CE	L : Chip enable	7"	/CE	L : Chip enable
8	C/D	Command/Data	8"	C/D	Command/Data
9	/RST	H : Normal ; L : Initialize UCi6963	9"	VEE	Negative Voltage output -22 V
10~17	DB0~DB7	Data bus line	10"	/RST	H : Normal ; L : Initialize UCi6963
18	FS	Font selection(H :6 x 8,L :8 x 8)	11"~18"	DB0~DB7	Data bus line
19	LED A	Backlight Anode	19"	FS	Font selection(H :6 x 8,L :8 x 8)
20	VEE	Negative Voltage output -22 V	20"	NC	No connection

Dimension



Electronic Characteristics

Item	Symbol	Condition	Typical Value	Unit
Supply Voltage For Logic	VDD	VDD=5.0V	5.0	V
Supply Current	IDD	VDD=5.0V	185	mA
Supply Voltage For LCD	VDD-V0	25°C	18.4	V
LED Forward Voltage (white)	VF	25°C	5.0	V