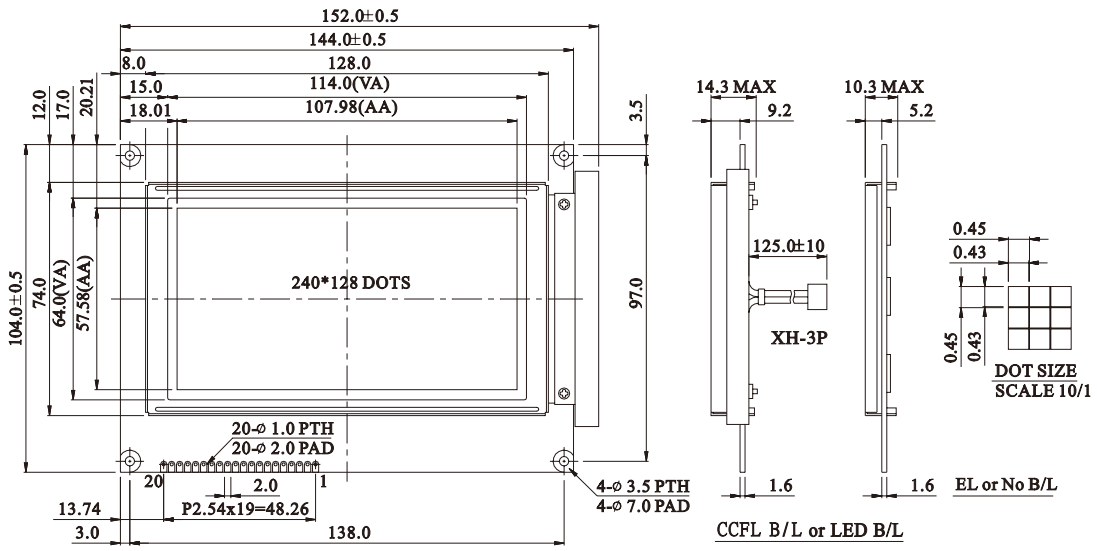
IG240128B Graphic 240x128dots

Dimension drawing



Feature

1. Built-in controller(T6963C)
2. 1/128duty cycle
3. Built-in N/V
4. Temperature compensation optional

Graphic type

Pin NO	Symbol	Function
1	Vss	Power supply (GND)
2	Vdd	Power supply (+5V)
3	Vo	Contrast Adjustment
4	C/D	Command/data read/write
5	$\overline{RD}$	Data read
6	$\overline{WR}$	Data write
7	DB0	Data bus line
8	DB1	Data bus line
9	DB2	Data bus line
10	DB3	Data bus line
11	DB4	Data bus line
12	DB5	Data bus line
13	DB6	Data bus line
14	DB7	Data bus line
15	$\overline{CE}$	Chip enable
16	$\overline{RESET}$	Reset signal
17	Vee	Negative Voltage
18	MD2	Control signal
19	FS1	Font selection
20	NC	No connection

Mechanical Data

Item	Standard Value	Unit
Module Dimension	144.0x104.0	mm
Viewing Area	114.0x64.0	mm
Dot Size	0.4x0.4	mm
Dot Pitch	0.45x0.45	mm
Mounting hole	138.0x99.0	mm

Absolute Maximum Rating

Item	Symbol	Standard Value			Unit
		min.	typ.	max.	
Power Supply	VDD-VSS	4.75	5.0	5.25	V
Input Voltage	VI	-0.3	---	VDD	V

Note : VSS=0 Volt, VDD=5.0 Volt.

Electronical Characteristics

Item	Symbol	Condition	Standard Value			Unit
			min.	typ.	max.	
Input Voltage	VDD	L level	$0.7V_{DD}$	---	V_{DD}	V
	VIO	H level	---	---	$0.3V_{DD}$	V
Supply Current	IDD	VDD=5V	0	55	60	mA
Recommended LC Driving Voltage for Normal Temp. Version module	VDD-V0	0°C	20.3	21.4	22.5	V
		25°C	18.0	19.1	20.2	
		50°C	17.8	18.9	20.0	
LED Forward Voltage	VF	25°C	---	4.2	---	V
LED Forward Current	IF	25°C	---	900	1800	mA
CCFL	VF	25°C	---	250	590	Vms
	IF	25°C	---	---	5.5	mA
EL	---	---	---	---	5.0	mA