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BG320240B

Feature

1. SMT PCB with metal frame
2. Built-in controller S1D13700
3. +5V power supply
4. 1/240 duty cycle
5. Option: LED edge/white B/L, CCFL
6. Option: +3V single power supply
7. Option: negative voltage (built-in, external)
8. Option: touch panel
9. Option: 80 Series MPU interface

Mechanical Data

Item	Standard Value	Unit
Module Dimension	139.38 x 120.24	mm
Viewing Area	120.14 x 92.14	mm
Dot Size	0.34 x 0.34	mm
Dot Pitch	0.36 x 0.36	mm

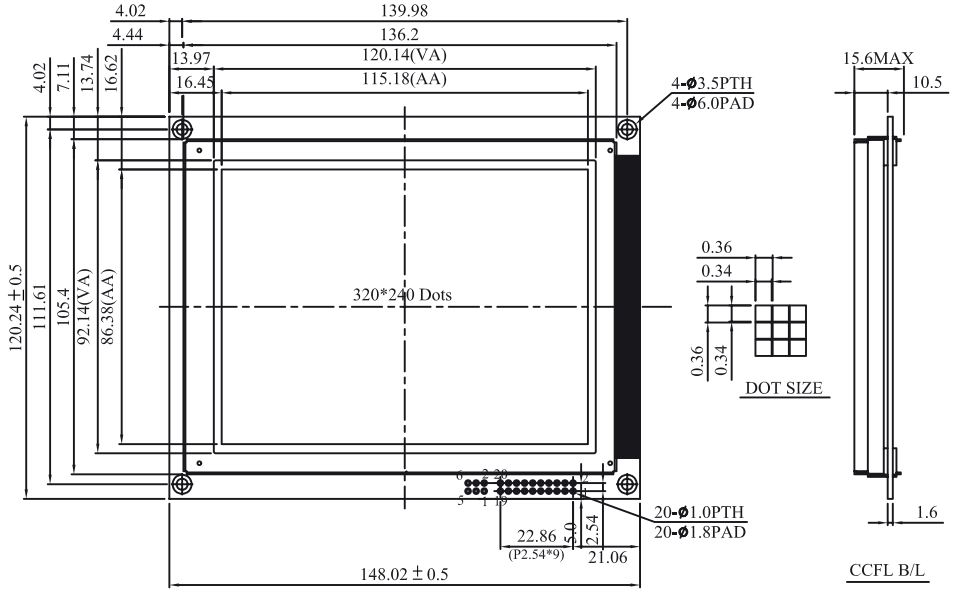
Pin Assignment

Pin	Symbol	Function
1	Vss	Power supply (GND)
2	Vdd	+5V(+3V option)
3	Vo	Contrast Adjustment
4	E	Enable signal
5	R/W	Read /write signal
6	Ao	Data / Instruction
7~14	DB0-7	Data bus line
15	/CS	Chip select
16	/RST	Reset signal
17	Vee	Negative voltage output -25V
18	FGND	Frame Ground
19	NC	No connection
20	/Display off	Display off

Electronic Characteristics

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	Vdd	Vdd = +5V	5.0	V
Supply Current	Idd	Vdd = +5V	90	mA
LCD Driving Voltage	Vdd-Vo	25°C	23.6	V
LED Forward Voltage (White)	Vf	25°C	3.5	V
LED Forward Current	If	25°C	160	mA

Dimension



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