BOLYMIN

BG320240F-20b

Feature

1. FSTN LCD, SMT PCB with metal frame
2. Built-in controller S1D 13700,USB Interface
3. +5V single power supply,
   with built-in negative voltage for LCD driving
4. 1/240 duty cycle
5. Option: LED/white
6. Option: Touch panel & touch panel controller

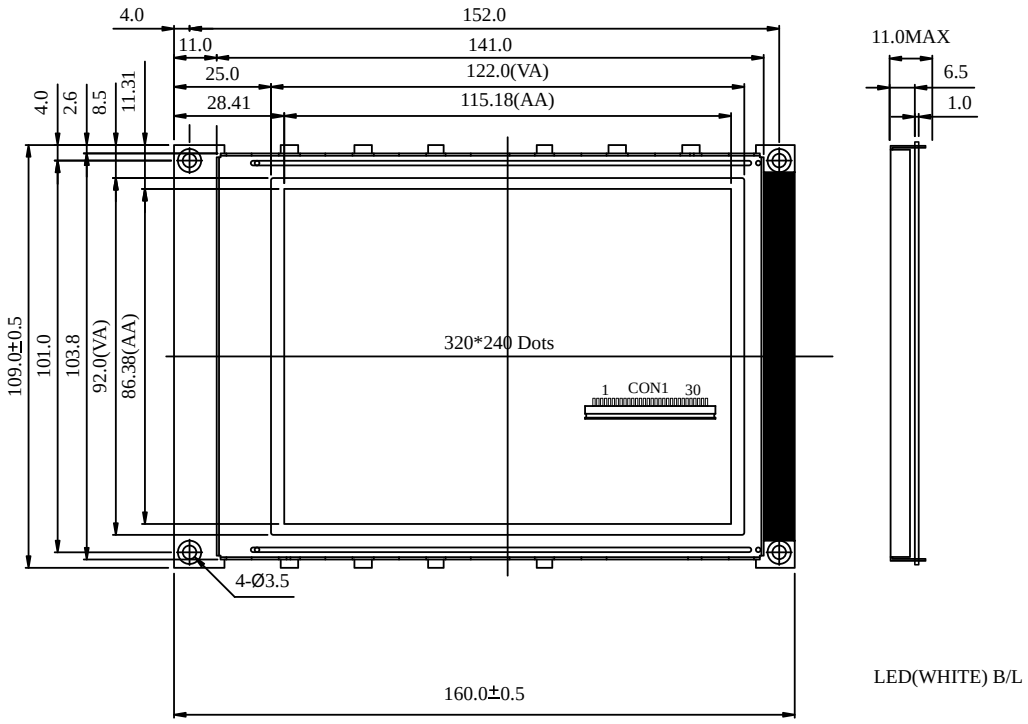
Mechanical Data

Item	Standard Value	Unit
Module Dimension	166.8 x 109.0	mm
Viewing Area	122.0 x 92.0	mm
Dot Size	0.34 x 0.34	mm
Dot Pitch	0.36 x 0.36	mm

Pin Assignment

Pin	Symbol	Pin	Symbol
1	Vdd	11	SCL
2	USB D -	12	ALERT
3	USB D +	13	GP2
4	GND	14	GP3
5	RX0	15	/RST
6	TX0	16~17	REL0~REL1
7	RX1	18~19	KBC2~KBC3
8	TX1	20	WD_RES
9	CTS	21~22	KBC0~KBC1
10	SDA	23~30	KBR0~KBR7

Electronic Characteristics

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	Vdd	Vdd = +5V	5.0	V
Supply Current	Idd	Vdd = +5V	25	mA
LCD Driving Voltage	Vlcd		23.5	V
LED Supply Current	I led	Vled = +3.3V	120	mA

Dimension