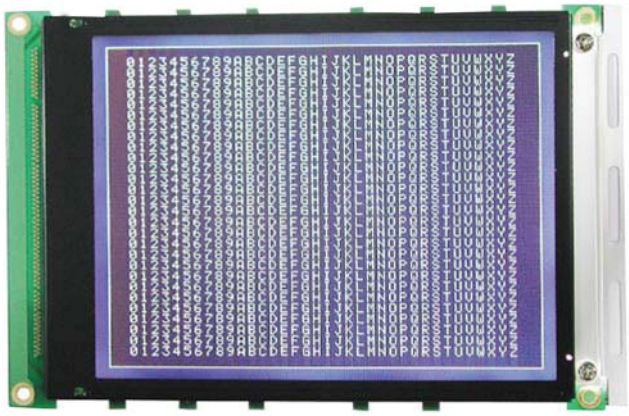
BOLYMIN

BG320240A

Feature

1. SMT PCB with metal frame
2. No controller, recommending RA8835
3. +5V single power supply
4. 1/240 duty cycle
5. Option: negative voltage
6. Option: LED edge B/L, CCFL
7. Option: +3V single power supply
8. Option: negative voltage (built-in, external)
9. Option: touch panel



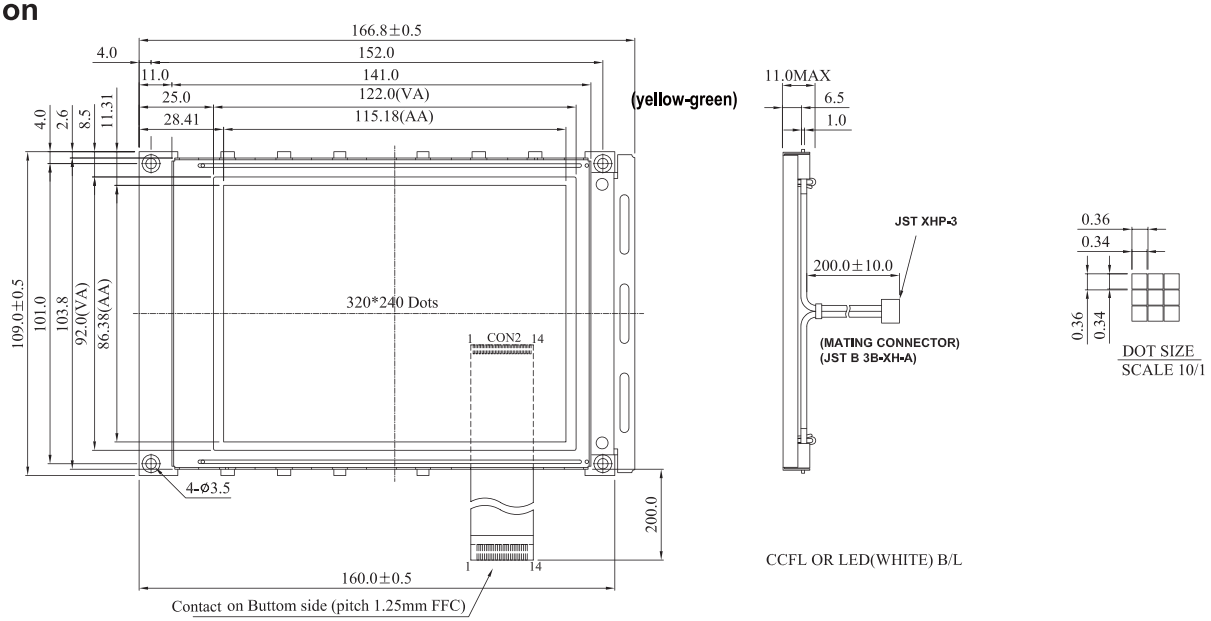
Mechanical Data

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	Function
1~4	DB0~3	Data bus line
5	/DISPOFF	Display off signal (H:on L:off)
6	FLM	First line marker
7	NC	No connection
8	LP	Data latch
9	CP	Data shift
10	Vdd	+5V(+3V option)
11	Vss	Power supply (GND)
12	Vee	Negative voltage output (-21.3V)
13	Vo	Contrast adjustment
14	FGND	Frame Ground

Electronic Characteristics

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	Vdd	Vdd = +5V	5.0	V
Supply Current	Idd	Vdd = +5V	65	mA
LCD Driving Voltage	Vdd-Vo	25°C	23.5	V
LED Forward Voltage (White)	Vf	25°C	3.5	V
LED Forward Current	If	25°C	160	mA

Dimension