BOLYMIN

BP240160B

Feature

1. FSTN LCD, TAB IC and PCB package
2. Built-in controller SED1335
3. +3V ~ +5V single power supply,
   with built-in positive voltage for LCD driving
4. 1/160 duty cycle
5. Option: LED ,EL B/L
6. Option: Touch panel, Touch panel controller



Mechanical Data

Item	Standard Value	Unit
Module Dimension	88.2 x 57.5	mm
Viewing Area	66.0 x 46.0	mm
Dot Size	0.225 x 0.225	mm
Dot Pitch	0.24 x 0.24	mm

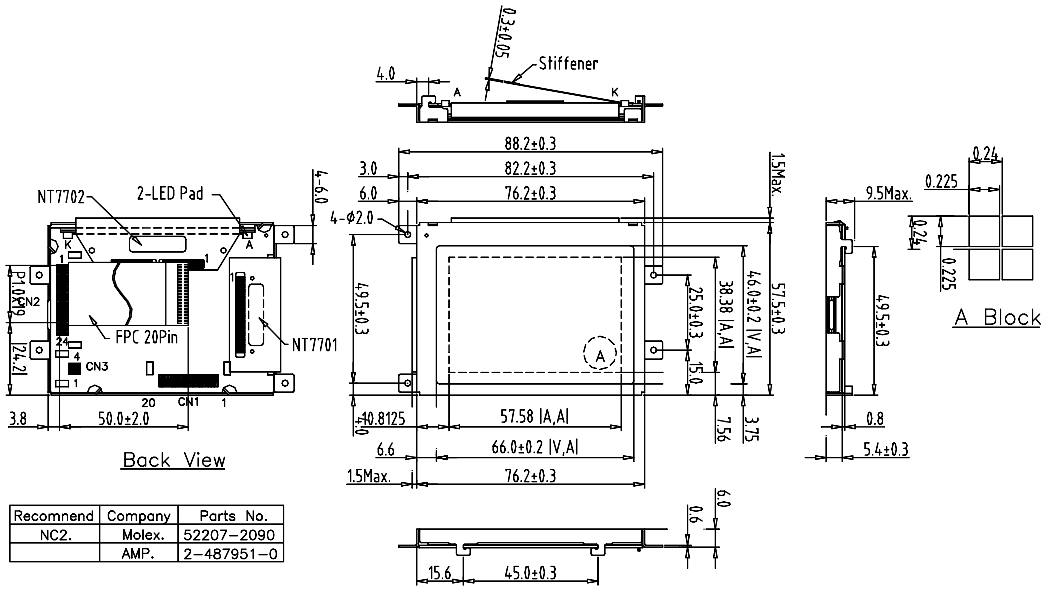
Pin Assignment

Pin	Symbol	Function
1	/RST	Reset signal
2	/RD	80s:read signal/68s:enable signal (E)
3	/WR	80s:write signal/68s: R/W signal
4	/CS	Chip select
5	Ao	Data latch pulse
6~13	DB0-7	Data bus line
14	Vdd	Power supply (+3V ~ +5V)
15	Vss	Power supply (GND)
16	Vlcd	Positive voltage output +25V
17	Vadj	Contrast adjustment (Vadj - Vss)
18	BL_on	BL on/off signal (H: on L: off)
19	A	Power supply for B/L +
20	K	Power supply for B/L -
21	Y1	Touch panel upper signal (Y axis)
22	X1	Touch panel right signal (X axis)
23	Y2	Touch panel lower signal (Y axis)
24	X2	Touch panel left signal (X axis)

Electronic Characteristics

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	Vdd		3.0~5.0	V
Supply Current	Idd	Vdd = +5V	40	mA
LCD Driving Voltage	Vadj-Vss	25°C	19.5	V

Dimension



Recommend	Company	Parts No.
NC2.	Molex.	52207-2090
	AMP.	2-487951-0