



1. FSTN LCD, TAB IC and PCB package
2. LCD driver only (Recommending RA8835 controller)
3. +3V single power supply
4. 4 bit data bus
5. 1/240 duty cycle
6. Option: EL B/L, EL inverter
7. Option: Touch panel
8. Built-in positive voltage for LCD driver

Item	Standard Value	Unit
Module Dimension	92.2 x 73.3	mm
Viewing Area	81.4 x 62.2	mm
Dot Size	0.225 x 0.225	mm
Dot Pitch	0.24 x 0.24	mm



Pin	Symbol	Function
1	CL2	Data shift clock
2	CL1	Data latch clock
3	FLM	Scan start-up signal
4	M	Alternate signal
5~8	DB0~DB3	Data Bus
9	Vee	Power supply for LCD
10	Vdd	Power supply (+3V)
11	Vss	Power supply(GND)
12	BLE	H:EL on L:EL off
13	V ELG	Power supply for EL (0V)
14	V EL	Power supply for EL (+3~5V)

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	Vdd		3.0	V
Supply Current	Idd	Vdd = +3V	0.6	mA
LCD Driving Voltage	Vee-Vss	25°C	17.5	V
Built-in EL Inverter Supply Current	Iel	Vel = +3V	40	mA

Figure 1: Dimensions of the LCD module. The diagram shows a rectangular LCD module with various dimensions labeled. The overall width is 92.2±0.5 mm, and the overall height is 73.3±0.5 mm. The active area width is 76.78 mm, and the active area height is 62.2±0.2 mm. The view area width is 81.4±0.2 mm, and the view area height is 57.38 mm. The dot pitch is 0.24 mm. The module is labeled '320*240 Dots'. A detail view of the dot pitch shows a 2x2 grid of dots with dimensions 0.24 mm and 0.225 mm.

