



FEATURE

- 1. 320*240 Dot Matrix
- 2. Driver Only(None Built in Controller)
- 3. 1/240Duty
- 4. Backlight: CCFL(White)

Interface Function

Pin NO	Symbol	Function
1	FLM	Synchronous signal for row driver
2	LP	Data latch clock
3	CP	Data shift clock
4	M	Alternate signal input pin for LCD driving
5	V0	Bias supply voltage input to drive the LCD
6	VDD	Logical "High" input port (+5.0V±10%, +0.3V±10%)
7	VSS	0V(GND)
8	VEE	Logical "Low" for high voltage part
9	D0	Data Input / Output
10	D1	
11	D2	
12	D3	
13	DOFF	Display off control
14	NC	No connection

MECHANICAL DATA		
Item	Standard Value	Unit
Module Size	139(W) × 115(H) × 13.2(T)	mm
Viewing Area	103(W) × 79(H)	mm
Effective display Area	95.97(W) × 71.97(H)	mm
Dot Pitch	0.3(W) × 0.3(H)	Mm

ABSOLUTE MAXIMUM RATING					
Item	Symbol	Standard Value			Unit
		min	typ	max	
Supply Voltage for Logic	VDD	-0.3	—	7.0	V
Input Voltage	VIN	-0.3	—	VDD+0.3	V

ELECTRONICAL CHARACTERISTICS						
Item	Symbol	Condition	Standard Value			Unit
			min	typ	max	
Input Voltage	VIH	VDD=5V+5%	0.8VDD	—	VDD	V
	VIL		0	—	0.2VDD	
Output Voltage	VOH		VDD-0.4	—	—	
	VOL		—	—	0.4	
Current Consumption	IDD	VDD=5.0V	—	2.65	10	mA
Supply Voltage For Logic	VDD	—	2.7	5.0	5.5	V
Supply Voltage For LCD	VOP=VLCD	Ta=25°C	22.8	23.3	23.8	V