Mechanical Data

Item	Standard Value	Unit
Module Dimension	148.02x120.24	mm
Viewing Area	120.14x92.14	mm
Mounting hole	139.98x112.2	mm
Dot Pitch	0.36x0.36	mm

Absolute Maximum Rating

Item	Symbol	Standard Value			Unit
		min.	typ.	max.	
Power Supply	VDD-VSS	4.75	5.0	5.25	V
Input Voltage	VI	-0.3	---	VDD	V

Note: VSS=0 Volt , VDD=5.0 Volt .

Electronical Characteristics

Item	Symbol	Condition	Standard Value			Unit
			min.	typ.	max.	
Input Voltage	VDD	---	2.7	---	5.5	V
Supply Current	IDD	VDD=5V	---	---	---	mA
Recommended LC Driving Voltage for Normal Temp. Version module	VDD-VO	-20ºC	---	---	26.5	V
		25ºC	---	24.0	---	
		70ºC	22.1	---	---	
CCFL Starting Voltage	VFLS	25ºC	---	600	---	Vrms
CCFL Driving Voltage	VFLD	25ºC	216	270	405	Vrms
CCFL Driving Current	IFLD	VFQ=450Vrms 30KHZ	5.1	5.3	5.5	mArms
LED Forward Voltage	VF	25ºC	3.4	3.5	3.6	V

Feature

1. 320x240 dots
2. +5V power supply
3. 1/240 duty cycle
4. No controller
5. Touch screen option(analog type)

Pin NO.	Symbol	Function
1	FLM	Scan start-up signal
2	CL1	Data latch pulse
3	CL2	Data Shift pulse
4	M/NC	Frame Reverse signal (alternate signal)
5	Vo	Driving voltage LCD driving
6	VDD	Power supply for Logic
7	Vss	Ground
8	VEE	Negative voltage output
9	DB0	Data bus line
10	DB1	Data bus line
11	DB2	Data bus line
12	DB3	Data bus line
13	DISPOFF	H:Display ON, L:Display OFF
14	FGND	Frame Ground

RG320240B2 Graphic 320x240 dots

Dimension drawing