RG 320240-F

OKAYA

OUTLINE DIMENSION & BLOCK DIAGRAM

320 x 240 Dots
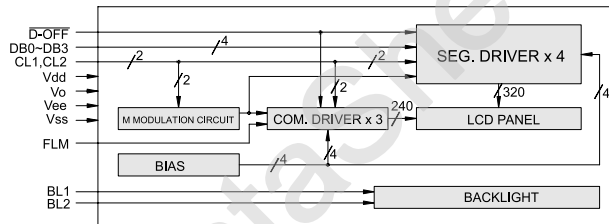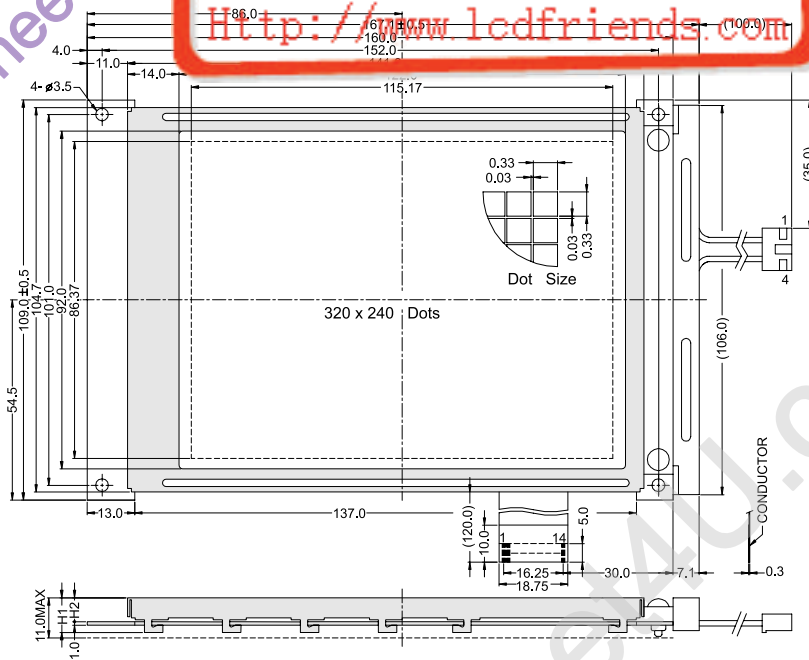
Dot Size

The tolerance unless classified ± 0.3mm

MECHANICAL SPECIFICATION

Overall Size	167.1 x 109.0	Module	H2 / H1
View Area	122.0 x 92.0	W /O B/L	– / –
Dot Size	0.33 x 0.33	EL B/L	– / –
Dot Pitch	0.36 x 0.36	CCFL B/L	6.9 / 9.5

PIN ASSIGNMENT

Pin no.	Symbol	Function
1	DB0	Data bus line
2	DB1	Data bus line
3	DB2	Data bus line
4	DB3	Data bus line
5	D-OFF	Column output control
6	FLM	Shift direction select
7	N.C	No connection
8	CL1	Clock signal input
9	CL2	Clock signal intput
10	Vdd	Power supply (+)
11	Vss	Power supply (GND)
12	Vee	N.V. input
13	Vo	Contrast adjust
14	FGND	Frame ground

ABSOLUTE MAXIMUM RATING

Item	Symbol	Condition	Min.	Max.	Units
Supply for logic voltage	Vdd-Vss	25°C	-0.3	7.0	V
LCD driving supply voltage	Vdd-Vee	25°C	0	35.0	V
Input Voltage	Vin	25°C	-0.3	Vdd-0.3	V

ELECTRICAL CHARACTERISTICS

Item	Symbol	Condition		Min.		Typical		Max.		Units
Power Supply Voltage	Vdd-Vss	25°C		4.5		—		5.5		V
		Top	N	W	N	W	N	W		V
LCD operation voltage	Vop	-20°C	—	—	31.1	—	—			V
		0°C	—	—	—	—	—			V
		25°C	—	—	24.5	—	—			V
		50°C	—	—	—	—	—			V
		70°C	—	—	20.5	—	—			V
LCM current consumption (No B/L)	Idd	Vdd=5V		—		3.5		7		mA
Backlight current consumption	LED/edge VB/L=4.2V			—		—		—		mA
	LED/array VB/L=4.2V			—		—		—		mA

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