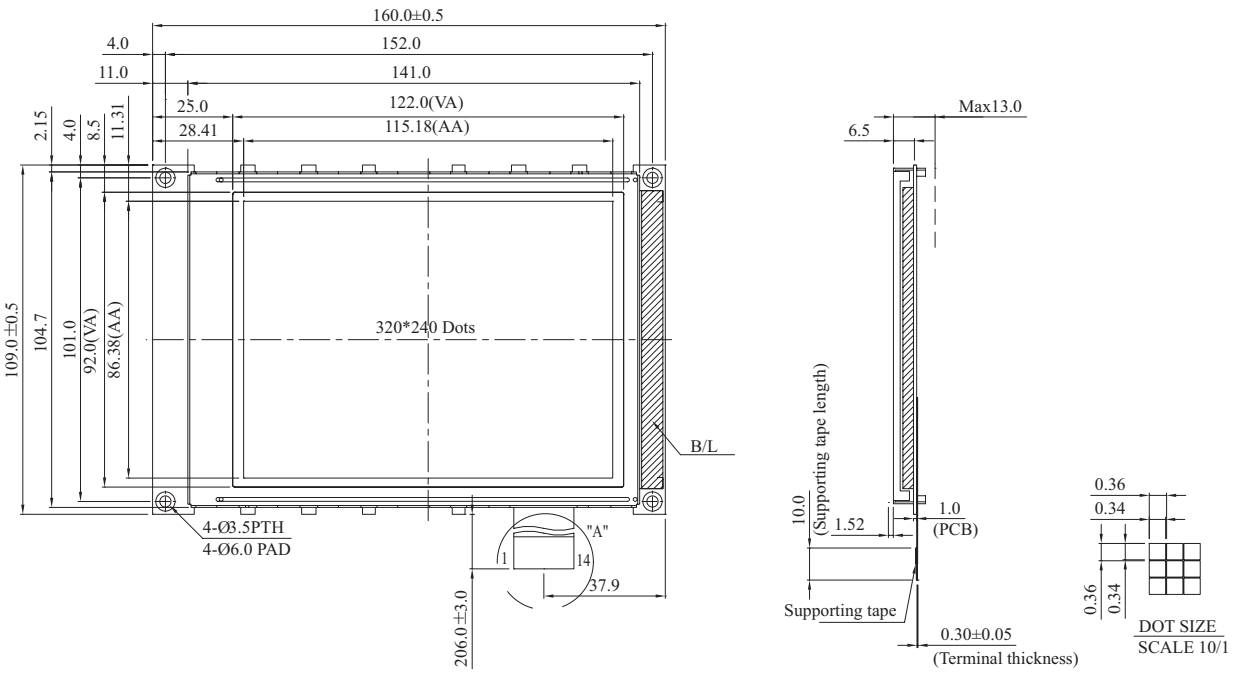
WG320240A Graphic 320x240dots

Dimension drawing



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	DB0	Data bus line
2	DB1	Data bus line
3	DB2	Data bus line
4	DB3	Data bus line
5	$\overline{\text{DISPOFF}}$	H:ON L:OFF
6	FRAME	First line marker
7	M(NC)	Frame reverse signal (alternate signal)
8	LP	Data latch
9	CP	Data shift
10	Vdd	Power supply for LOGIC
11	Vss	GND
12	Vee	Power supply for LCD
13	Vo	Operating voltage LCD driving
14	FGND	Frame ground

Mechanical Data

Item	Standard Value	Unit
Module Dimension	166.8x109.0	mm
Viewing Area	122.0x92.0	mm
Mounting hole	152.0x101.0	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	---	7.5	---	mA
Recommended LC Driving Voltage for Normal Temp. Version module	VDD-VO	-20ºC	---	---	26.1	V
		25ºC	---	23.8	---	
		70ºC	20.9	---	---	
CCFL Starting Voltage	VFLS	25ºC	---	600	---	Vrms
CCFL Driving Voltage	VFLD	25ºC	---	268	---	Vrms
CCFL Driving Current	IFLD	VFQ=450Vrms 30KHZ	---	5.0	---	mArms
LED Forward Voltage	VF	25ºC	---	4.2	4.6	V
LED Forward Current	IF	25ºC	---	180	360	mA
EL Power Supply Current	IEF	Vel=110VAC;400Hz	---	---	5.0	mA