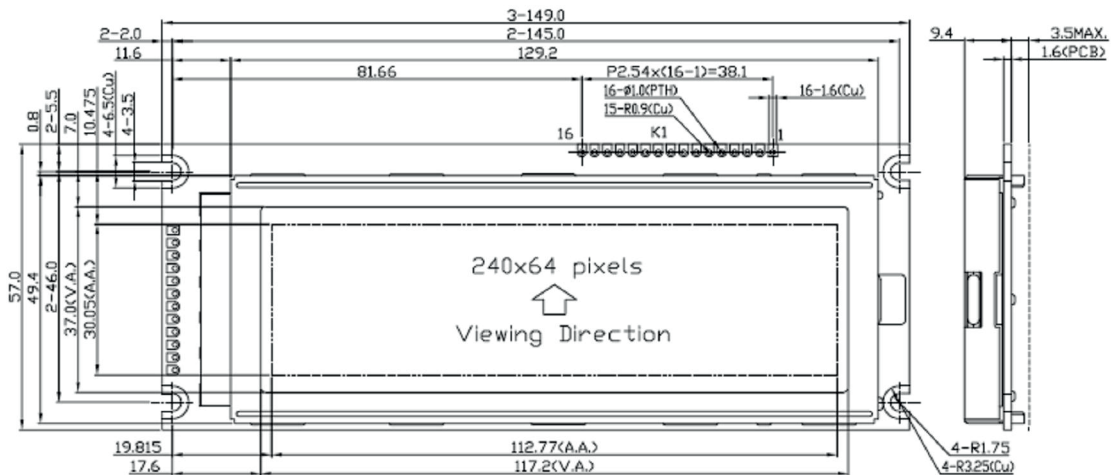


OUTLINE DRAWING



FEATURES

- 240 x 64 dots
- Controller Interface, 3.3v/5v power supply optional
- STN-Gray & STN-Blue with white LED backlight optional

MECHANICAL DATA

Item	Value
Outline (mm)	149.0 x 57.0 x 12.9 MAX.
Viewing Area (mm)	117.2 x 37.0
Active Area (mm)	112.8 x 30.1
Dot Pitch (mm)	0.47 x 0.47
Dot Size (mm)	0.44 x 0.44

TERMINAL FUNCTIONS

Pin	Name	Descriptions
1	FLM	First Line Marker
2	LP	Line Pulse Signal Input
3	CP	Clock Pulse Signal ,for shifting the data (D0~D3)into the segment buffer
4	M	LCD AC Driving Input
5	V0	LCD Contrast Reference Input
6	VDD	Positive Power Supply
7	VSS	0V Power Supply, Ground
8	VEE	Power Booster Output for V0
9	DB0	4-bit Display Data Input
:	:	
12	DB3	
13	/DISPOFF	Display ON/OFF Control Signal, /DISPOFF=0,display off /DISPOFF=1,display on
14	NC	No Connection(leave open)
15	BLA	Positive Power for LED Backlight
16	BLK	Negative Power for LED Backlight

DISPLAY CHARACTERISTICS

Item	Value
LCD Display Mode	STN, Negative, Transflective
Viewing Angle	6:00
Driving Duty	1/64 duty
Backlight	White LED backlight

ELECTRICAL CHARACTERISTICS

Item	Symbol	Min	Typ	Max
Operating Voltage (V)	VDD	3.0	-	5.2
Input High Voltage (V)	VIN	0.8 xVDD	-	VDD
Input Low Voltage (V)	VIN	0	-	0.2 xVDD
Operating Current (mA)	IDD	-	1.7	5.0

BACKLIGHT CHARACTERISTICS

Item	Symbol	Min	Typ	Max
Forward Voltage (V)	VfBLA		3.3	-
Forward Current (mA)	IfBLA	-	105	125

TEMPERATURE CHARACTERISTICS

Item	Symbol	Min	Max
Operating Temperature (C)	TOP	-20	+70
Storage Temperature (C)	TST	-30	+80

LM24064B Major Product list

Major Models	Highlight	
	LCD Mode	Backlight
LM24064BFW★	STN-Blue	White LED

For similar product or (semi) custom made LCD module, Please visit our web site or contact us.

★ The above information is based on this model.