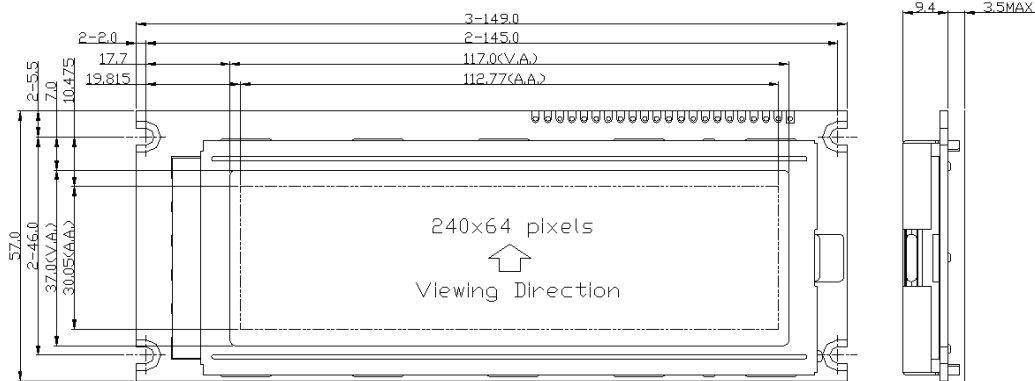


OUTLINE DRAWING



FEATURES

- 240x64 dots, 5.0V single power supply
- Parallel interface
- Built in RA8806 controller, support horizontal and vertical area scrolling, font enlargement

TERMINAL FUNCTIONS

Pin	Name	Descriptions	
1	VOUT	Power Booster Output for V0	
2	V0	LCD Contrast Reference Input	
3	VSS	0V Power Supply, GND	
4	VDD	Positive Power Supply	
5	BUSY	Indicate the RA8806 in busy state or not, Could be used for MPU to get busy state by connecting it to IO port	
6	NC	No connection, leave open	
7	/CS	Chip Select Signal	
8	RS	Register Select	
9	/WR	Write enable input, active LOW	
10	/RD	Read enable input, active LOW	
11	DB0	8-bit bi-directional data bus	
:	:		
18	DB7		
19	/RST		Reset Signal:
20	NC		No connection, leave open
21	BLA		Positive Power Supply for LED backlight
22	BLK		Negative Power Supply for LED backlight

TEMPERATURE CHARACTERISTICS

Item	Symbol	Min	Max
Operating Temperature (°C)	T _{OP}	-20	+70
Storage Temperature (°C)	T _{ST}	-30	+80

MECHANICAL DATA

Item	Value
Outline (mm)	149.0 x 57.0 x 12.9MAX.
Viewing Area (mm)	117.0 x 37.0
Active Area (mm)	112.77 x 30.05
Dot Pitch (mm)	0.47 x 0.47
Dot Size (mm)	0.44 x 0.44

DISPLAY CHARACTERISTICS

Item	Value
LCD Display Mode	STN-Gray, Positive, Transflective
Viewing Angle	6:00
Driving Method	1/64 duty, 1/9 bias
Backlight	White LED Backlight

ELECTRICAL CHARACTERISTICS

Item	Symbol	Min	Typ	Max
Operating Voltage (V)	V _{DD}	4.7	5.0	5.3
Input High Voltage (V)	V _{IH}	0.8V _{DD}	-	V _{DD}
Input Low Voltage (V)	V _{IL}	V _{SS}	-	0.1V _{DD}
Operating Current (mA)	I _{DD}	-	7.0	20

BACKLIGHT CHARACTERISTICS

Item	Symbol	Min	Typ	Max
Forward Voltage (V)	V _{fBLA}	-	5.0	-
Forward Current (mA)	I _{fBLA}	-	85	100

MAJOR PRODUCT LIST

Models	Highlight		
	LCD Mode	Backlight	Voltage
LM24064RDW★	STN-Pos	White LED	5.0V
LM24064RFW	STN-Blue	White LED	5.0V

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

★The above product information is based on this model.