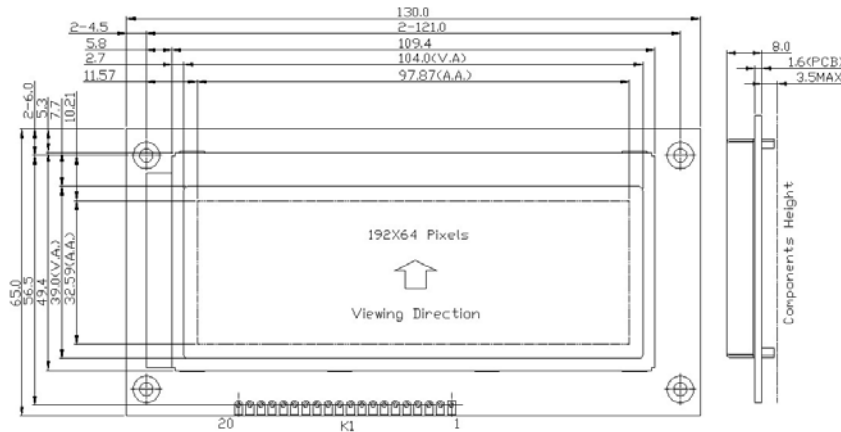


OUTLINE DRAW



FEATURES

- 192x64 dots , 3.3v power supply
- Parallel or Serial interface optional
- STN-YG or STN-Blue with white LED backlight optional

MECHANICAL DATA

Item	Value
Outline (mm)	130.0x65.0x11.5MAX
Viewing Area (mm)	104.0x39.0
Active Area (mm)	97.87x32.59
Dot Pitch (mm)	0.51x0.51
Dot Size (mm)	0.46x0.46

TERMINAL FUNCTIONS

Pin	Name	Descriptions
1	VSS	Negative power supply , 0V
2	VDD	Positive power supply
3	NC	No connection (leave open)
4	RS	Register select RS=H , Transferring the display data RS=L , Transferring the control data
5	R/W	R/W=H, E=L; Data or status read from the LCD module
6	E	R/W=L,E=H→L Data or Instruction latch into the LCD module
7	DB0	8-bit bi-directional data bus
8	DB1	
13	DB6	
14	DB7	
15	/CS	Chip select /CS=L , Enable assess to the LCD module /CS=H , Disable assess to the LCD module
16	/RST	Reset signal /RST=L , Initialization is executed /RST=H , Normal running
17	NC	No connection (leave open)
18		
19		
20	BLA	Positive Power Supply for LED backlight

DISPLAY CHARACTERISTICS

Item	Value
LCD Display Mode	STN-Blue , Negative , Transmissive
Viewing Angle	6:00
Driving Method	1/65 Duty,1/9 Bias
Backlight	White LED backlight

ELECTRICAL CHARACTERISTICS

Item	Symbol	Min	Typ	Max
Operating Voltage (V)	V <sub>DD</sub>	3.0	-	3.6
Input High Voltage (V)	V <sub>IH</sub>	0.85xV <sub>DD</sub>	-	V <sub>DD</sub>
Input Low Voltage (V)	V <sub>IL</sub>	V <sub>SS</sub>	-	0.15xV <sub>DD</sub>
Operating Current (mA)	I <sub>DD</sub>	-	0.33	1.7

BACKLIGHT CHARACTERISTICS

Item	Symbol	Min	Typ	Max
Forward Voltage (V)	V <sub>fBLA</sub>	-	3.3	-
Forward Current (mA)	I <sub>fBLA</sub>	-	51	60

MAJOR PRODUCT LIST

Models	Highlight		
	LCD Mode	Backlight	Voltage
LM6072AFW★	STN-Blue	White LED	3.3V
LM6072ABY	STN-YG	Yellow Green	3.3V

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.

TEMPERATURE CHARACTERISTICS

Item	Symbol	Min	Max
Operating Temperature (°C)	T <sub>OP</sub>	-20	+70
Storage Temperature (°C)	T <sub>ST</sub>	-30	+80