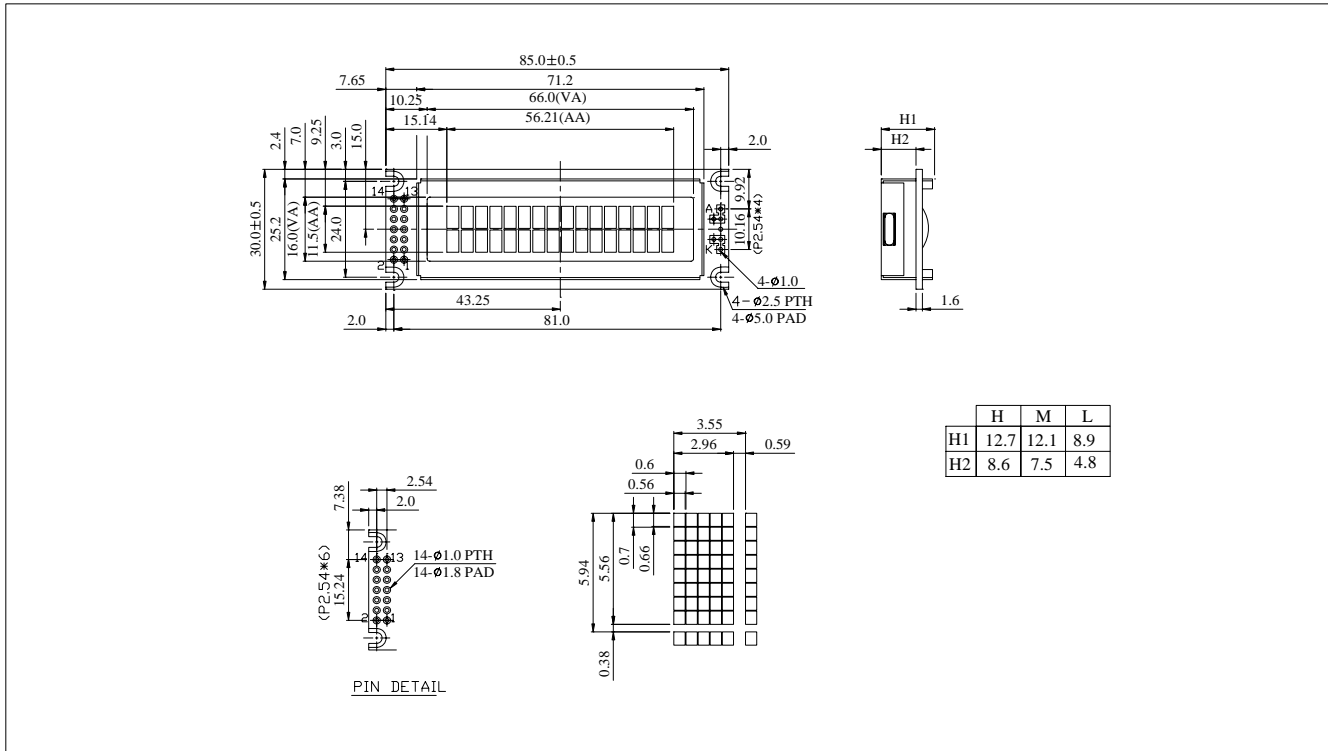


Dimension



FEATURE

1. 5X8 dots character
2. Logic Power +5V(+3V) Input
3. Built in ST7066U Controller
4. 1/16 Duty

INTERFACE FUNCTIONS

Pin NO	Symbol	Function
1	VDD	5V Logic Power
2	VSS	0V Logic GND
3	VO	LCD Operating Volt.
4	RS	Command/Data Select
5	RW	Read/Write
6	E	Enable
7	D0	Data Bus
8	D1	Data Bus
9	D2	Data Bus
10	D3	Data Bus
11	D4	Data Bus
12	D5	Data Bus
13	D6	Data Bus
14	D7	Data Bus

MECHANICAL DATA		
Item	Standard Value	Unit
Module Dimension	85.0 * 30.0	mm
Viewing Area	66.0 * 16.0	mm
Character Size	2.96 * 5.56	mm
Dot Size	0.56 * 0.66	mm

ABSOLUTE MAXIMUM RATING					
Item	Symbol	Standard Value			Unit
		min	typ	max	
Power Supply	VDD-VSS	2.5	5.0	5.5	V
Input Voltage	VIH	0.7Vdd	Vdd	Vdd+0.3	V

ELECTRONICAL CHARACTERISTICS						
Item	Symbol	Condition	Standard Value			Unit
			min	typ	max	
Input Voltage	VDD	25°C	2.7	5.0	5.3	V
Supply Current	IDD	25°C	0.8	1.0	1.2	mA
LCD Driving Voltage for	VDD-VO	-20°C	4.6	4.8	5.0	V
		0°C	4.0	4.4	4.6	
		25°C	3.8	4.0	4.2	
		50°C	3.6	3.8	4.0	
		70°C	3.4	3.6	3.8	
LED Forward Voltage	VF	25°C	4.0	4.2	4.5	V
LED Forward Current	IF	25°C	80	110	130	mA