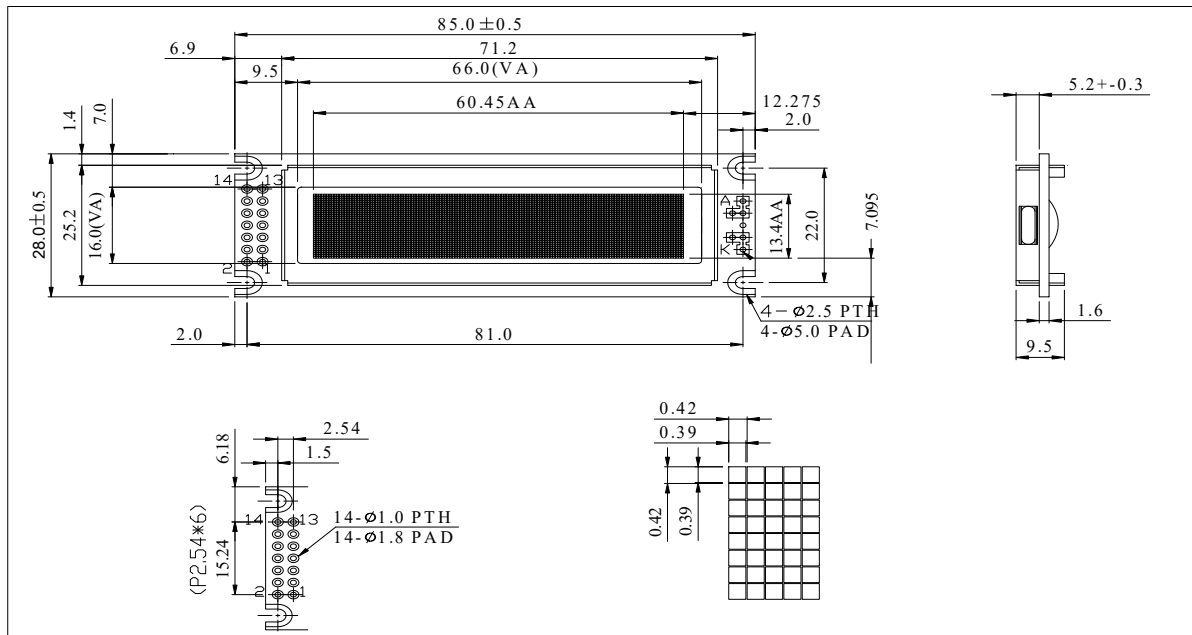


Dimension



FEATURE

1. 144*32 dots matrix ,with Chinese Character Font
2. Logic Power +5v(+3V) Input
3. Built in ST7920 Controller
4. 1/32 Duty signal scan

INTERFACE FUNCTIONS

Pin NO	Symbol	Function
1	VDD	Logic Power +5
2	GND	Logic Power GND
3	Vo	LCD Operating Volt.
4	RS	Data/Command Select
5	R/W	Read/Write
6	E	Enable Signal
7	DB0	Data Bus
8	DB1	Data Bus
9	DB2	Data Bus
10	DB3	Data Bus
11	DB4	Data Bus
12	DB5	Data Bus
13	DB6	Data Bus
14	DB7	Data Bus

MECHANICAL DATA		
Item	Standard Value	Unit
Module Dimension	85.0 * 28.0	mm
Viewing Area	66.0*16.0	mm
Dot Pitch	0.42 * 0.42	mm
Dot Size	0.39 * 0.39	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	7.0	10.0	12.0	mA
LCD Driving Voltage for	VO-VSS	-20°C		5.3		V
		0°C		5.0		
		25°C		4.8		
		50°C		4.5		
LED Forward Voltage	VF	25°C	4.0	5.0	5.5	V
LED Forward Current	IF	25°C	10	30	40	mA