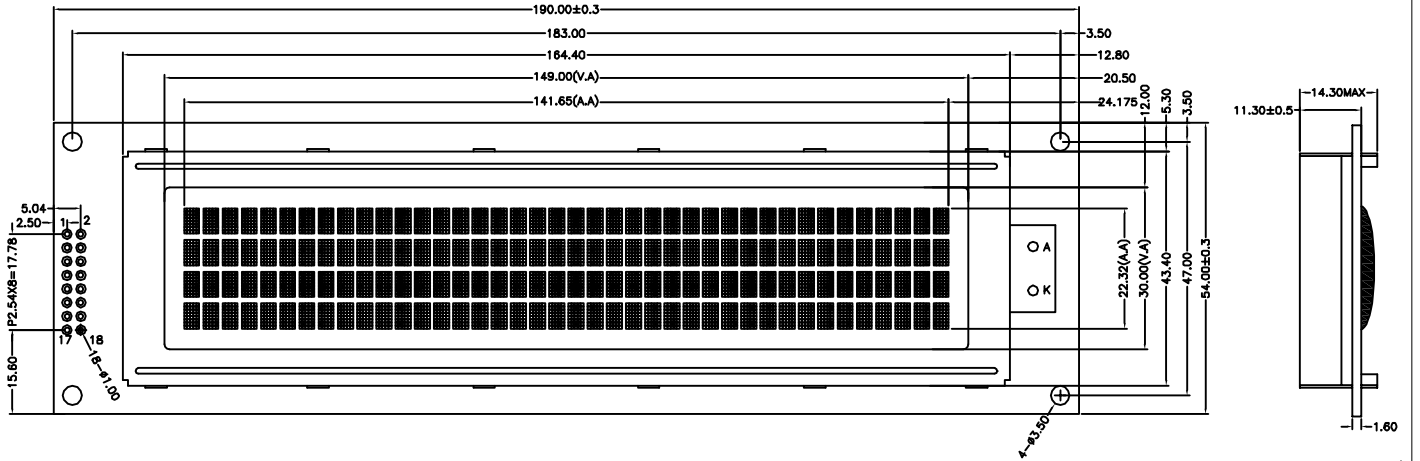


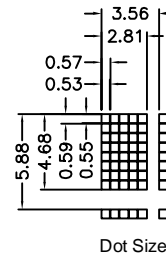
PC-400404 Series

OUTLINE DIMENSION



MECHANICAL DIMENSION

Overall Dimension (mm)	190.0 X 54.0 X 14.3
Viewing Area (mm)	149.0 X 30.0
Format	4 lines X 40 Characters
Dot Size (mm)	0.53 X 0.55
Dot Pitch (mm)	0.57 X 0.59



ABSOLUTE MAXIMUM RATINGS

Parameter	Symbol	MIN	MAX	Unit
Supply Voltage for Logic	Vdd-Vss	-0.3	+7.0	V
Supply Voltage for LCD	Vlcd	Vdd - 12.0	Vdd + 0.3	V
Input Voltage	Vin	-0.3	Vdd + 0.3	V

ELECTRICAL CHARACTERISTICS (VDD=5.0V ; Top=25° C)

Parameter	Symbol	MIN	Typical	MAX	Unit
Power Supply Voltage	Vdd-Vss		5.0		V
LCD Operating Voltage	Vop		4.5		V
LCM Current Consumption	Idd				mA
Backlight Current Consumption	LED (Edge)				mA
	LED (Array)				mA
Driving Method		1/16 Duty 1/5 Bias			

NOTES

IC Controller / Driver: SPLC780D Or Equivalent

LCD Options: Blue STN,Y/G STN

Backlight Options: Yellow-Green LED,White LED

Viewing Angle : 6:00

Operating Temperature Options: -0° C - +50° C, -20° C - +70° C

Storage Temperature Options: -20° C - +60° C, -30° C - +80° C

PIN ASSIGNMENT

Pin No.	Symbol	Function
1	DB7	Data Bus Line
2	DB6	Data Bus Line
3	DB5	Data Bus Line
4	DB4	Data Bus Line
5	DB3	Data Bus Line
6	DB2	Data Bus Line
7	DB1	Data Bus Line
8	DB0	Data Bus Line
9	E1	Enable Signal
10	R/W	Data Read / write
11	RS	Register select signal
12	V0	Contrast Adjust
13	VSS	Power Supply (GND)
14	VDD	Power Supply (+)
15	E2	Enable Signal
16	VEE	Contrast Adjust
17	LEDA	Power Supply for LED B/L (+)
18	LEDK	Power Supply for LED B/L (-)