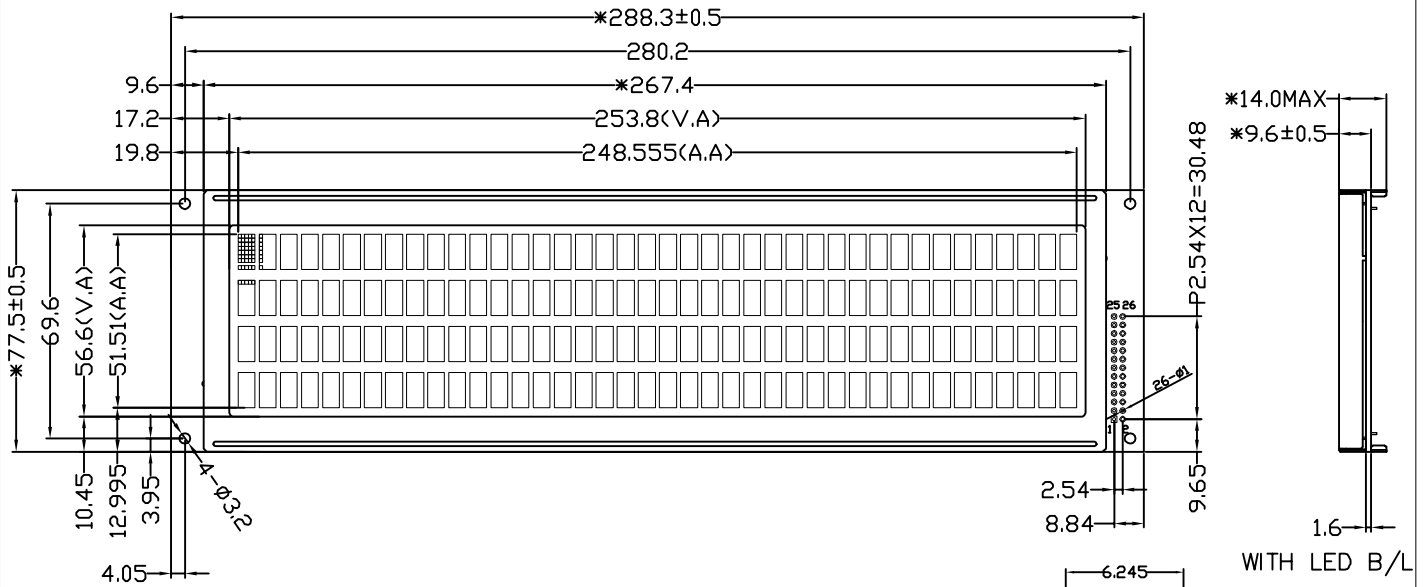


# PC-400403 Series

## OUTLINE DIMENSION



### MECHANICAL DIMENSION

Overall Dimension (mm)	288.3 X 77.5 X 14.0
Viewing Area (mm)	253.8 X 56.6
Format	4 lines X 40 Characters
Dot Size (mm)	0.96 X 1.168
Dot Pitch (mm)	1.01 X 1.218

### ADSOLUTE MAXIMUM RATINGS

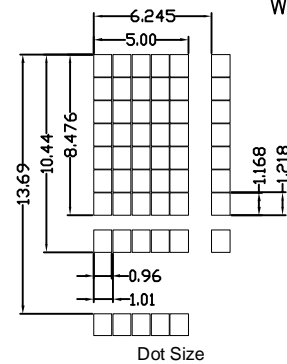
Parameter	Symbol	MIN	MAX	Unit
Supply Voltage for Logic	Vdd-Vss	-0.3	+7.0	V
Supply Voltage for LCD	Vlcd	Vdd - 12.0	Vdd + 0.3	V
Input Voltage	Vin	-0.3	Vdd +0.3	V

### 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		8.5		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 Option:** Y/G STN  
**Backlight Option:** Yellow-Green LED  
**Viewing Angle Option :** 6:00  
**Operating Temperature Option:** -20° C - +70° C  
**Storage Temperature Option:** -30° C - +80° C



### PIN ASSIGMENT

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