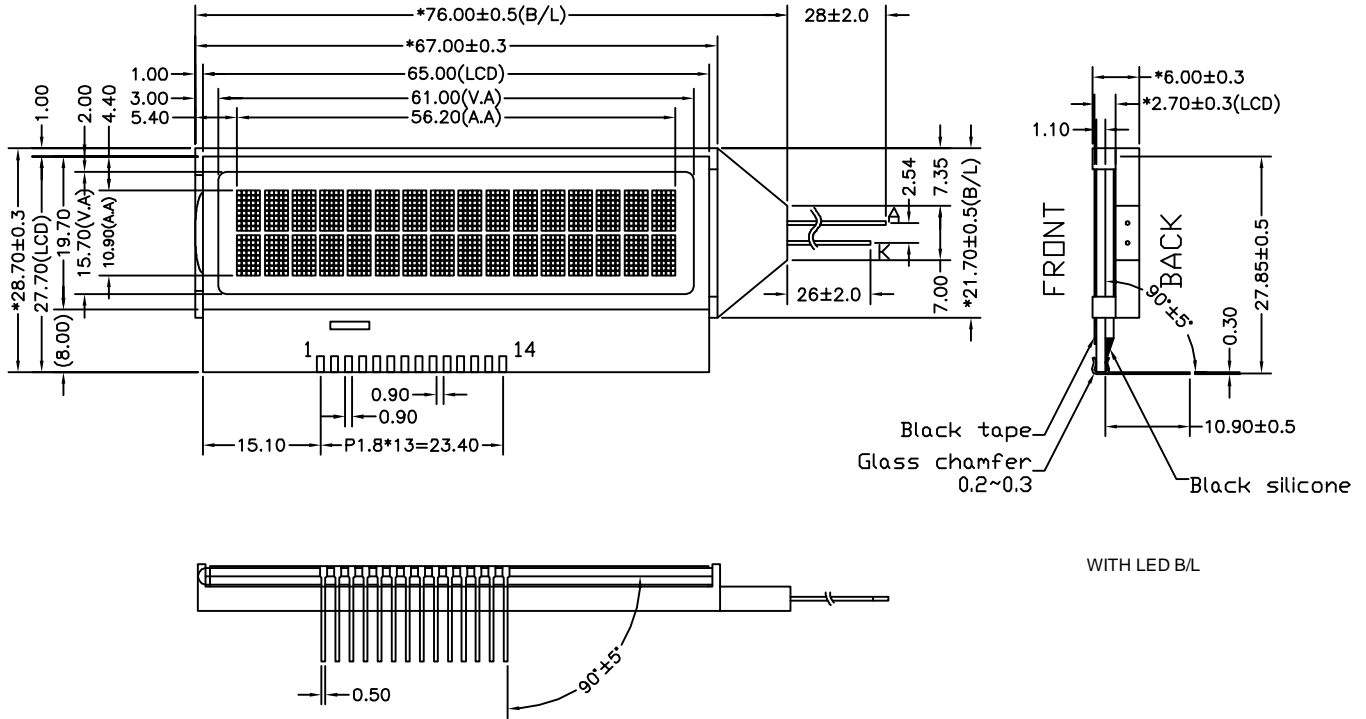


# PC-160218 Series

## OUTLINE DIMENSION

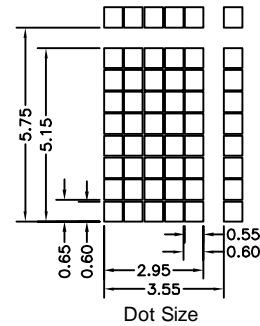


MECHANICAL DIMENSION	
Overall Dimension (mm)	76.00 X 28.700 X 6.00
Viewing Area (mm)	61.00 X 15.70
Format	80 SEG × 16 COM
Dot Size (mm)	0.55 X 0.60
Dot Pitch (mm)	0.60 X 0.65

ABSOLUTE MAXIMUM RATINGS				
Parameter	Symbol	MIN	MAX	Unit
Supply Voltage for Logic	V <sub>dd-Vss</sub>	-0.3	+7.0	V
Supply Voltage for LCD	V <sub>lcd</sub>	3.0	V <sub>DD</sub>	V
Input Voltage	V <sub>in</sub>			V

ELECTRICAL CHARACTERISTICS ( V <sub>DD</sub> =5.0V ; T <sub>op</sub> =25° C )					
Parameter	Symbol	MIN	Typical	MAX	Unit
Power Supply Voltage	V <sub>dd-Vss</sub>		5.0		V
LCD Operating Voltage	V <sub>op</sub>		4.5		V
LCM Current Consumption	I <sub>dd</sub>				mA
Backlight Current Consumption	LED (Edge)				mA
	LED (Array)				mA
Driving Method		1/16 Duty 1/5 Bias			

**NOTES**  
**IC Controller / Driver:** NT7603 or compatible  
**LCD :** Y/G STN, FSTN,  
**Backlight :** White LED, YELLOW-GREEN LED  
**Viewing Angle:** 6:00,12:00  
**Operating Temperature :** -20° C~+70° C  
**Storage Temperature :** -30° C~+80° C



PIN ASSIGNMENT			
Pin No.	Symbol	Pin No.	Symbol
1	VSS	8	DB1
2	VO	9	DB2
3	VDD	10	DB3
4	RS	11	DB4
5	RW	12	DB5
6	E	13	DB6
7	DB0	14	DB7