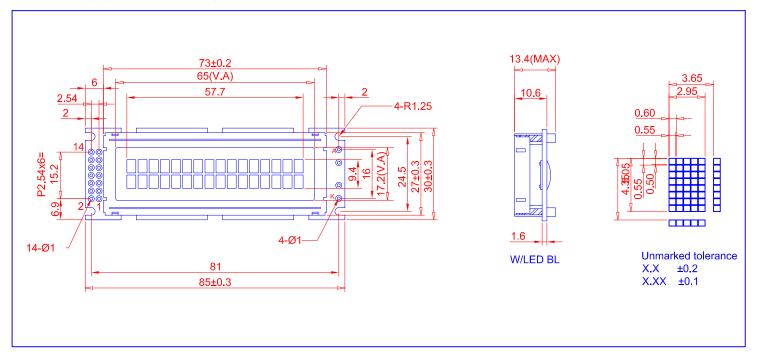
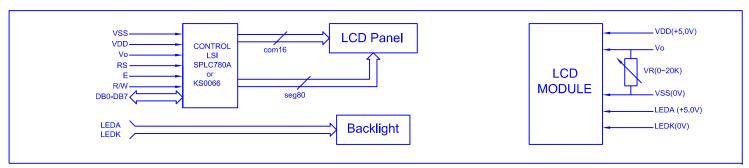
16x2 CHARACTERS 1/16 DUTY, 1/5 BIAS

# 1.0 DIMENSIONAL DRAWING



# 2.0 BLOCK DIAGRAM & POWER SUPPLY



# 3.0 MECHANICAL SPECIFICATIONS & FEATURE

Item	Nominal dimensions (mm)	FEATURE		
		LCD Type	STN	
Module Size (W*H*T)	85.0x30.0x13.4(9.2)	LCD Colour	Blue	
View Area (W*H)	65.0x17.2	View Angle	6 O'clock	
Character Pitch (W*H)	3.65x5.05	Display Type	Negative Type	
Character Size (W*H)	2.95x4.35	Rear polarizer	Transmissive	
Character Font	5x8	Operating Temperature	-20°C ~ 70°C	
Dot Pitch (W*H)	0.60x0.55	Storage Temperature	-30°C ~ 80°C	
Dot Size (W*H)	0.55x0.50	Backlight	SIDE LED White	

## 4.0 ELECTRICAL CHARACTERISTICS

Item	Symbol	Test Condition	Min.	Тур.	Max.	Unit
Operating Voltage	Vdd	Ta=25°C		5.0		V
Operating Voltage for LCD	Vlcd	Ta=25°C		4.2		V
Supply Current	ldd	Ta=25°C, Vdd=5.0V		2.0	3.0	mA
Supply Current for Backlight	If	Ta=25°C, Vf=3.4V		40		mA

## 5.0 INTERFACE PIN CONNECTIONS

Pin No	Symbol	Level	Description	
1	VDD		Power supply for Logic (+5.0V)	
2	VSS		GND	
3	Vo		Power supply for LCD	
4	RS	H/L	Register selection (H:Data registor, L:Instruction registor)	
5	R/W	H/L	Read/write selection (H:Read, L:Write)	
6	Е	H/H - L	Enable signal for chip	
7-14	DB0-DB7	H/L	Data Bus line	
A	LEDA		Power supply for Blacklight (+)	
K	LEDK		Power supply for Blacklight (-)	