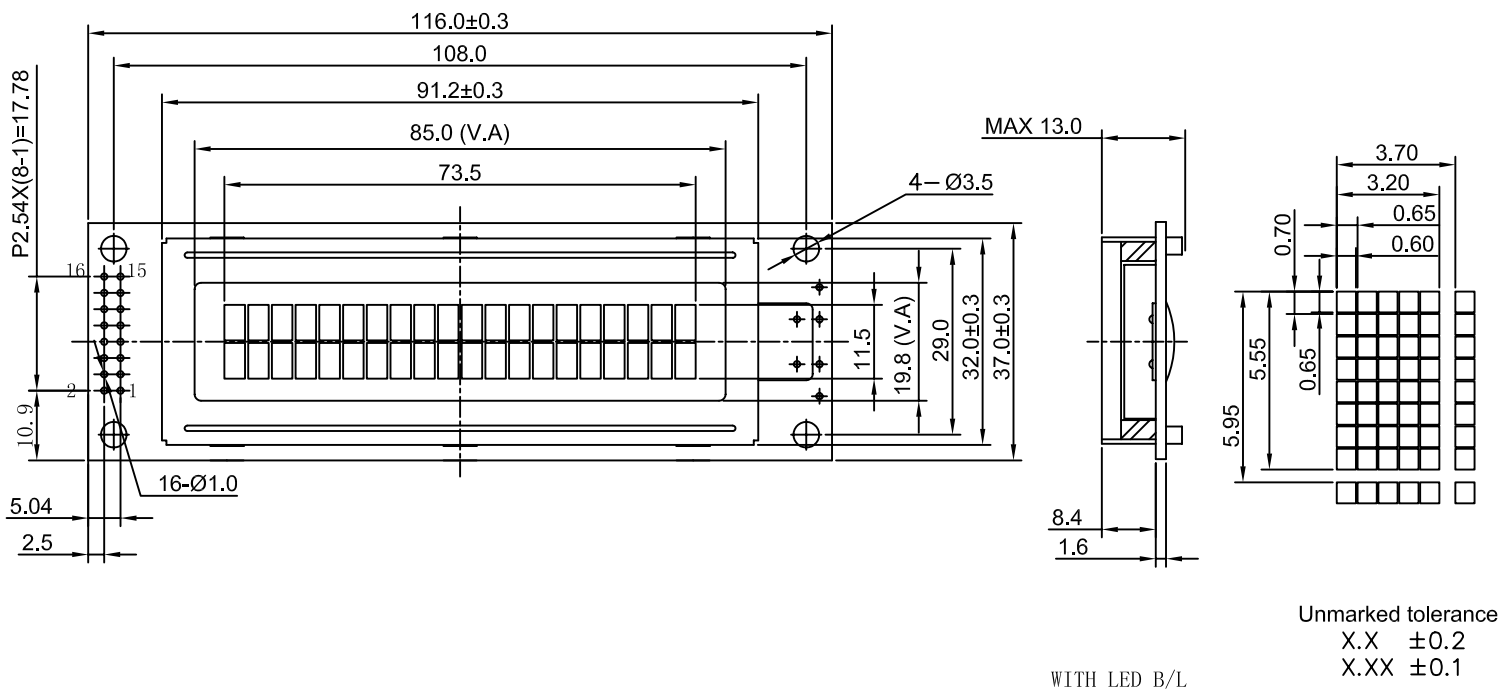
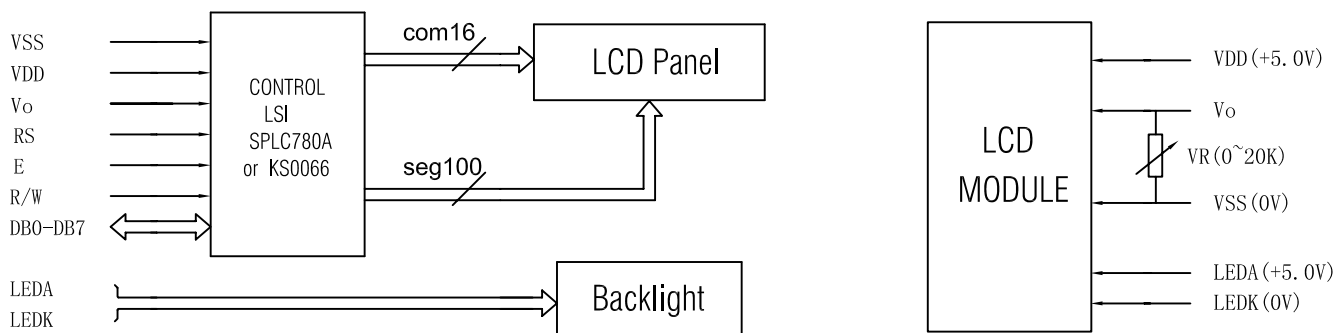


1.0 DIMENSIONAL DRAWING



2.0 BLOCK DIAGRAM & POWER SUPPLY



3.0 MECHANICAL SPECIFICATIONS & FEATURE

Item	Nominal Dimensions(mm)	FEATURE	
		LCD Type	STN
Module Size (W*H*T)	116.0x37.0x13.0MAX	LCD Colour	Yellow-Green
View Area (W*H)	85.0x19.8	View Angle	6 O'clock
Character Pitch(W*H)	3.70x5.95	Display Type	Positive Type
Character Size(WxH)	3.20x5.55	Rear polarizer	Transmissive
Character Font	5x8	Operating Temperature	0°C ~ 50°C
Dot Pitch (W*H)	0.65x0.70	Storage Temperature	-20°C ~ 70°C
Dot Size (W*H)	0.60x0.65	Backlight	LED(Yellow-Green)

4.0 ELECTRICAL CHARACTERISTICS

Item	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Operating Voltage	Vdd	Ta=25°C	---	5.0	---	V
Operating Voltage for LCD	Vlcd	Ta=25°C	---	4.5	---	V
Supply Current	Idd	Ta=25°C, Vdd=5.0V	---	2.0	3.0	mA
Supply Current for Backlight	If	Ta=25°C, Vf=4.2V	---	210	---	mA

5.0 INTERFACE PIN CONNECTIONS

Pin No	Symbol	Pin No	Level	Description
1	VSS		I	GND
2	VDD		I	Power supply for Logic
3	Vo		I	Power supply for LCD
4	RS		H/L	Register selection (H:Data register, L:Instruction register)
5	R/W		H/L	Read/write selection (H:Read,L:Write)
6	E		H/H—L	Enable signal for chip
7-14	DB0-DB7		H/L	Data Bus line
15	LEDA		I	Power supply for Backlight(+)
16	LEDK		I	Power supply for Backlight(-)