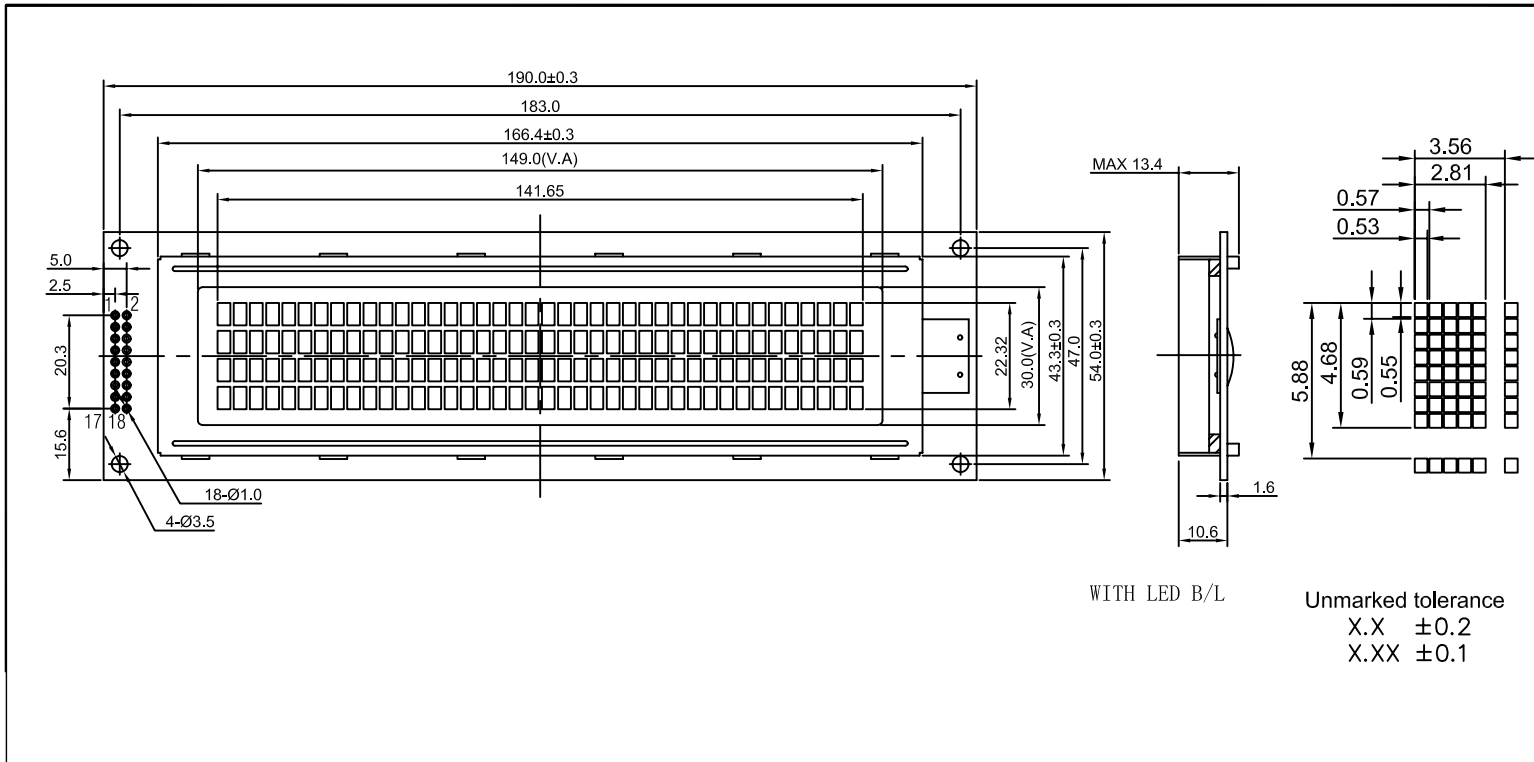
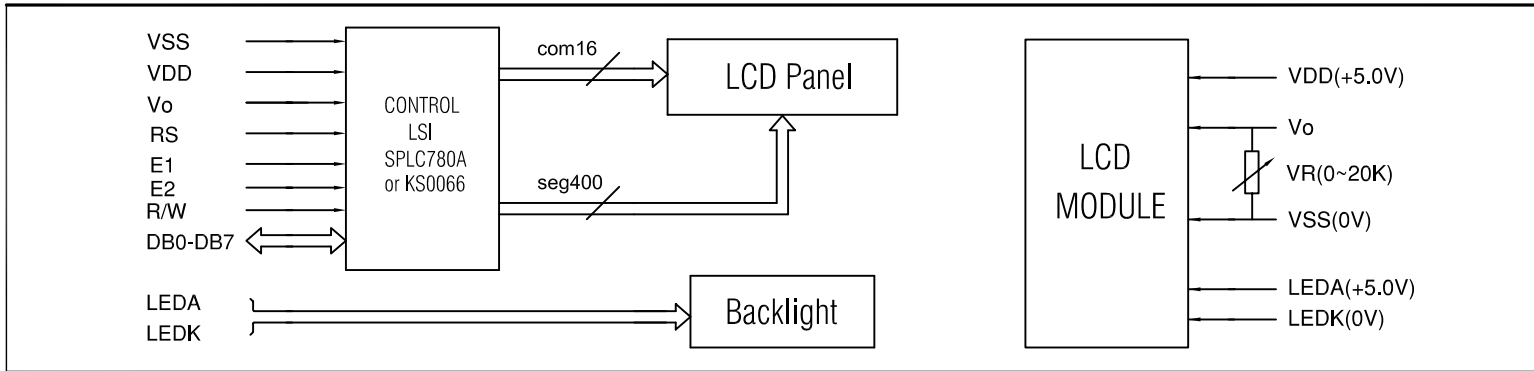


1.0 DIMENSIONAL DRAWING



2.0 BLOCK DIAGRAM & POWER SUPPLY



3.0 MECHANICAL SPECIFICATIONS & FEATURE

Item	Nominal Dimensions(mm)	FEATURE	
		LCD Type	STN
Module Size (W*H*T)	190.0x54.0x13.4MAX	LCD Colour	Yellow-Green
View Area (W*H)	149.0X30.0	View Angle	6 O'clock
Character Pitch(W*H)	3.55X5.88	Display Type	Positive Type
Character Size(WxH)	2.81X4.68	Rear polarizer	Transmissive
Character Font	5x8	Operating Temperature	-20°C ~ 70°C
Dot Pitch (W*H)	0.57X0.59	Storage Temperature	-30°C ~ 80°C
Dot Size (W*H)	0.53X0.55	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	---	500	---	mA

5.0 INTERFACE PIN CONNECTIONS

Pin No	Symbol	Level	Description
1	VSS	--	GND
2	VDD	--	Power supply for Logic(+5.0V)
3	Vo	--	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	E1	H/H—L	Enable signal for half-up screen chip
7	E2	H/H—L	Enable signal for half-down screen chip
8~15	DB0-DB7	H/L	Data Bus line
16	NC	---	No connection
17	LEDA	--	Power supply for Backlight(+)
18	LEDK	--	Power supply for Backlight(-)