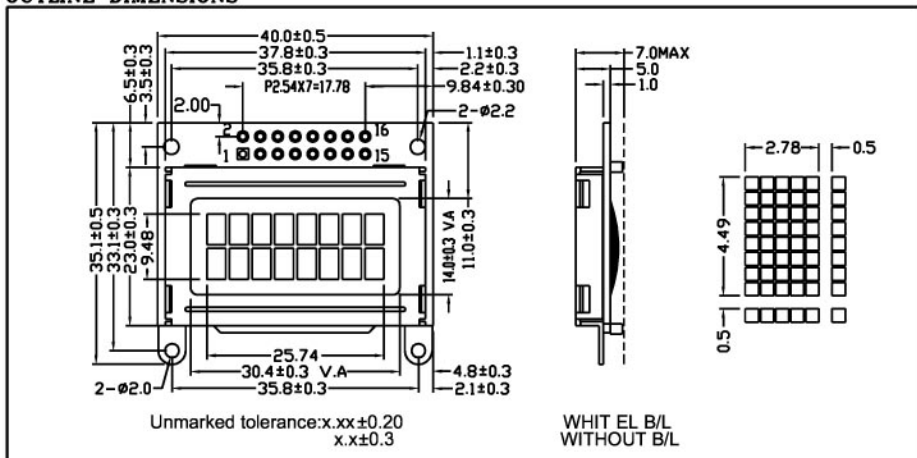
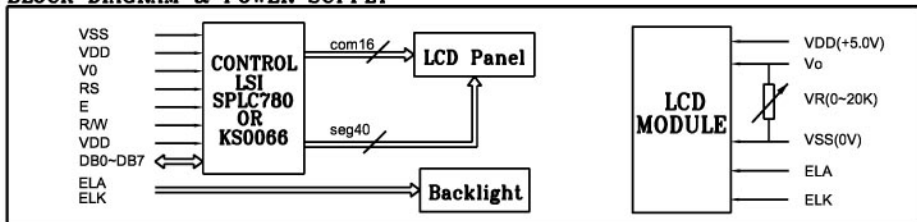


## OUTLINE DIMENSIONS



## BLOCK DIAGRAM &amp; POWER SUPPLY



## MECHANICAL SPECIFICATION &amp; FEATURE

Item	Normal Dimensions(mm)	FEATURE	
Module Size(W*H*T)	40.0X35.1X7.0	LCD Type	STN , TN , HTN , FSTN
View Area(W*H)	30.4X14.0	LCD Colour	STN:Yellow-Green , Grey Other:Gray
Character Pitch(W*H)	3.28X4.99	View Angle	6 O'Clock , 12 O'Clock
Character size(W*H)	2.78X4.49	Display Type	Positive Type , Negative Type
Character Font	5X8	Real polarizer	Transmissive , Reflective , Transflective
Dot Pitch(W*H)	0.57X0.57	Operating Temperature	-10°C-60°C , -20°C-70°C
Dot Size(W*H)	0.5X0.51	Backlight	EL:Green , Blue-Green , blue , white Without

## ELECTRICAL CHARACTERISTICS

Item	Symbol	Symbol	Min.	Typ.	Max.	Unit
Operating Voltage	Vdd	Ta=25°C	---	5.0	---	V
Operating Voltage LCD	Vlcd	Ta=25°C	---	4.7	---	V
Supply Current	Idd	Ta=25°C , Vdd=5.0V	---	2.0	3.0	mA
Supply Current for Backlight	If		---	---	---	mA

## INTERFACE PIN CONNECTIONS

Pin No.	Symbol	Level	Description
1	VSS	—	Ground for Logic
2	VDD	—	Power supply for Logic(+5.0V)
3	V0	—	Power supply for LCD drive
4	RS	H/L	Register selection ( H:DATA register , L:Instruction register )
5	RAW	H/L	Read/Write selection ( H:Read , L:Write )
6	E	H/L	Enable signal for LCM
7-14	DB0-DB7	H/L	Data Bus lines
15	EL	—	Backlight
16	EL	—	Backlight

## REMARK

Operating voltage option : 5.0V or 3.0V

CGROM font option : English Japanese Russian etc