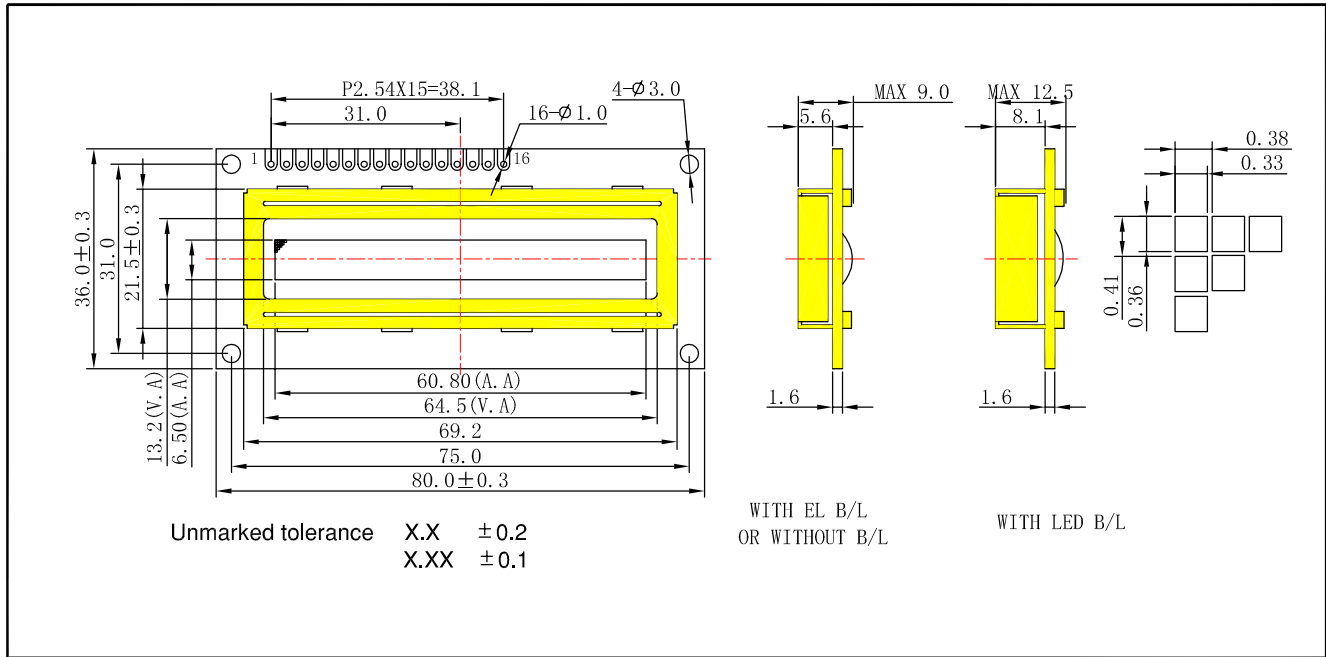
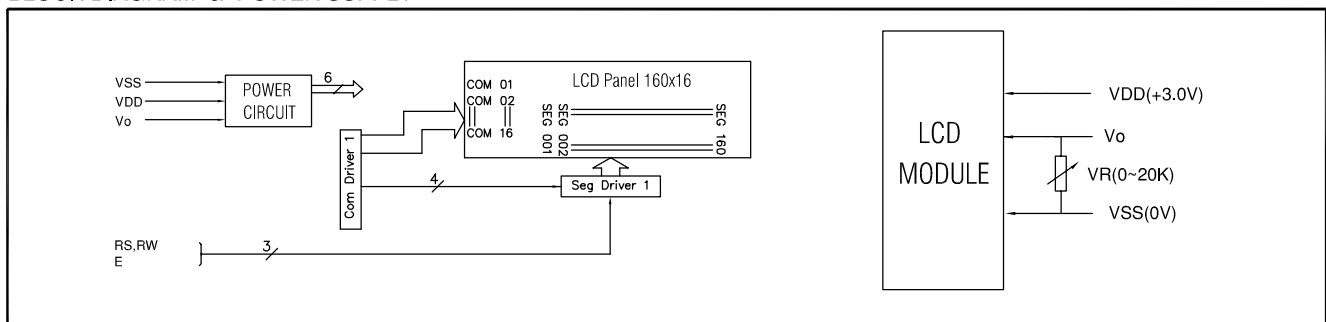


OUTLINE DIMENSIONS



BLOCK DIAGRAM & POWER SUPPLY



MECHANICAL SPECIFICATIONS & FEATURE

Item	Normal Dimensions(mm)	FEATURE	
Module Size (W*H*T)	80.0x36.0x9.0/12.5	LCD Type	STN、TN、HTN、FSTN
View Area (W*H)	64.5x13.2	LCD Colour	STN:Yellow-Green、Gray Other:Gray
DotsxDots(W*H)	160x16	View Angle	6 O'clock、12 O'clock
Dot Pitch (W*H)	0.38x0.41	Display Type	Positive Type、Negative Type
Dot Size (W*H)	0.33x0.36	Rear polarizer	Transmissive、Reflective、Transflective
---	---	Operating Temperature	0°C ~ 50°C、-20°C ~ 70°C
---	---	Backlight	LED:Yellow EL:Green、Blue-Green、Blue Without

ELECTRICAL CHARACTERISTICS

Item	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Operating Voltage	Vdd	Ta=25° C	---	3.0	---	V
Operating Voltage for LCD	Vlcd	Ta=25° C	---	4.6	---	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(+3.0V)
3	VO	--	Power supply for LCD drive
4	/CS	L	Chip Selection
5	NC	--	No connection
6	SID	H/L	Serial data input/output
7-10	NC	--	No connection
11	SCLK	--	Clock input/output
12-16	NC	--	No connection

REMARK

Operating Voltage Option:5.0V or 3.0V
Negative type LCD colour: Blue