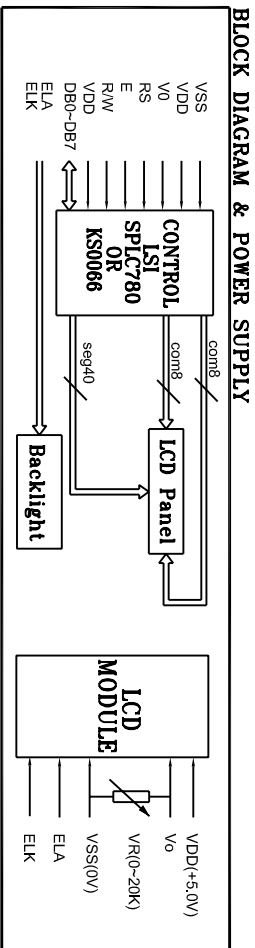
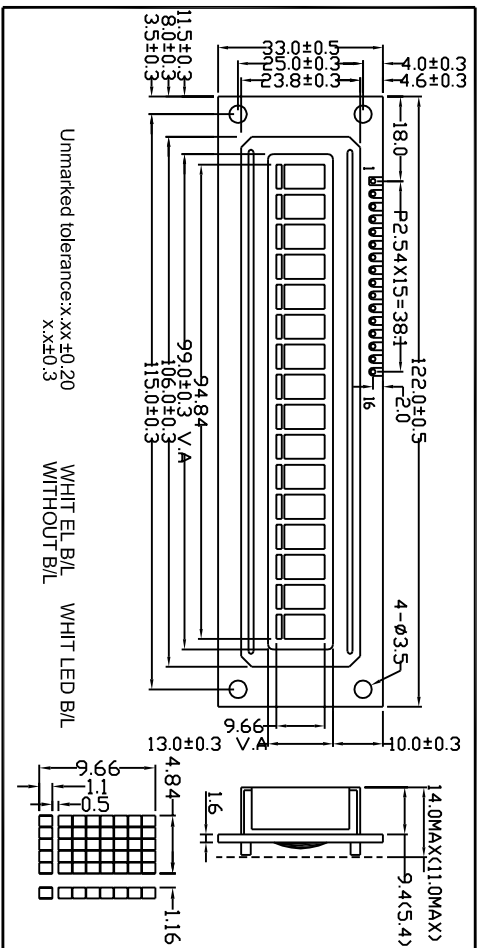


LCD-DISPLAY YM-1601B Series

16X1 CHARACTERS
1/16 DUTY, 1/5 BIAS

OUTLINE DIMENSIONS



MECHANICAL SPECIFICATION & FEATURE

Item	Normal Dimensions(mm)	FEATURE
Module Size(W×H×T)	122.0X33.0X1.0/14.0	STN, TN, HTN, FSTN
View Area(W×H)	99.0X33.0	STN:Yellow-Green Grey Other:Gray
Character Pitch(W×H)	6.0X9.66	6 O'Clock, 12 O'Clock
Character size(W×H)	4.84X9.66	Positive Type, Negative Type
Character Font	5X8	Transmissive, Reflective, Transflective
Dot Pitch(W×H)	0.98X1.16	-10°C-50°C, -20°C-60°C
Dot Size(W×H)	0.92X1.10	Backlight LED:Yellow, EL:Green,Blue-Green,Blue 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	---	mA
Supply Current for Backlight	If	Ta=25°C, Vb=4.2V	---	---	---	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	R/W	H/L	Read/Write selection (H:Read, L:Write)
6	E	H/L	Enable signal for LCM
7-14	D80-DB7	H/L	Data Bus Lines
15	A	---	Backlight(+5.0V)
16	K	---	Backlight(0V)

REMARK

Operating voltage option : 5.0V or 3.0V
CGROM font option : English, Japanese, Russian, etc