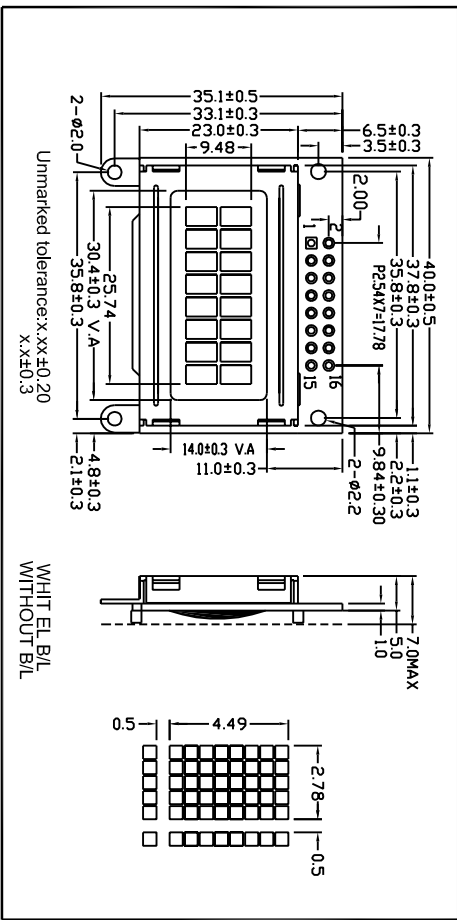


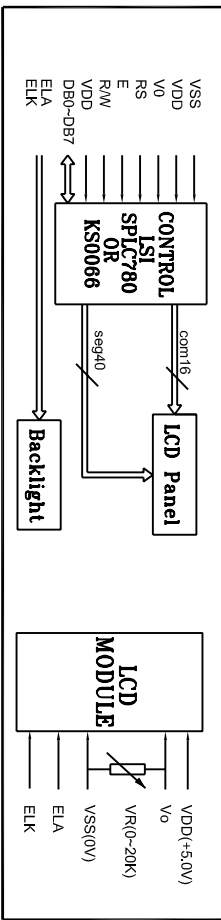
LCD-DISPLAY YM-0802A Series

8X2 CHARACTERS
1/16 DUTY, 1/5 BIAS

OUTLINE DIMENSIONS



BLOCK DIAGRAM & POWER SUPPLY



MECHANICAL SPECIFICATION & FEATURE

Item	Normal Dimensions(mm)	FEATURE
Module Size(W*H*T)	40.0X35.1X7.0	STN, TN, HTN, FSTN
View Area(W*H)	30.4X14.0	STN:Yellow-Green, Gray, Other-Gray
Character Pitch(W*H)	3.28X4.99	6 OClock, 12 OClock
Character size(W*H)	2.78X4.49	Positive Type, Negative Type
Character font	3X8	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 Whitout

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	R/W	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