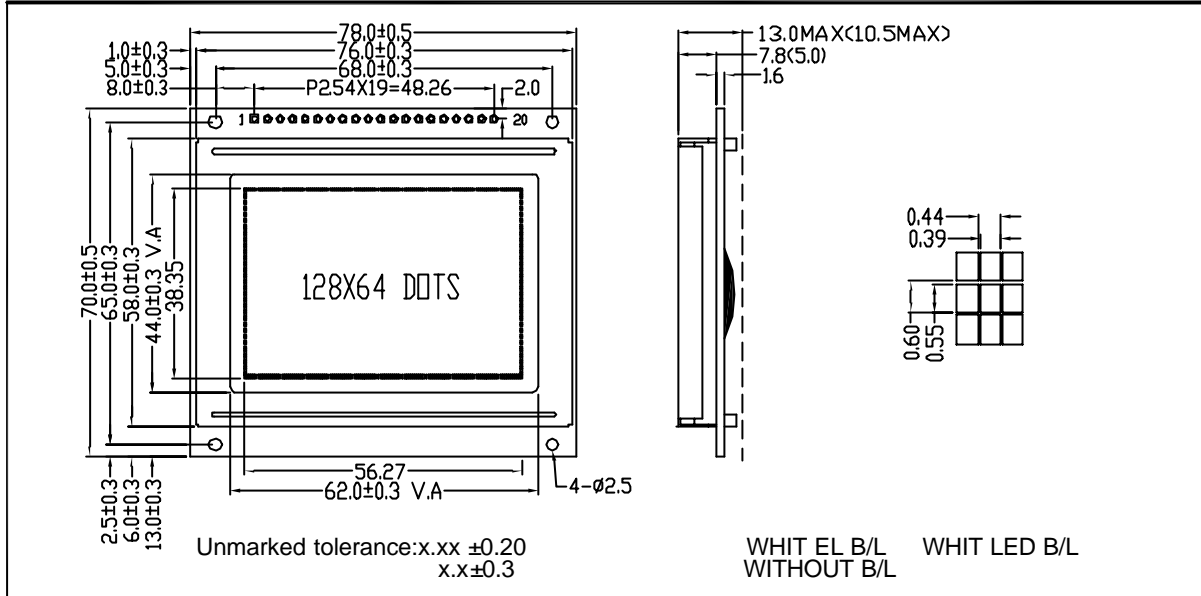


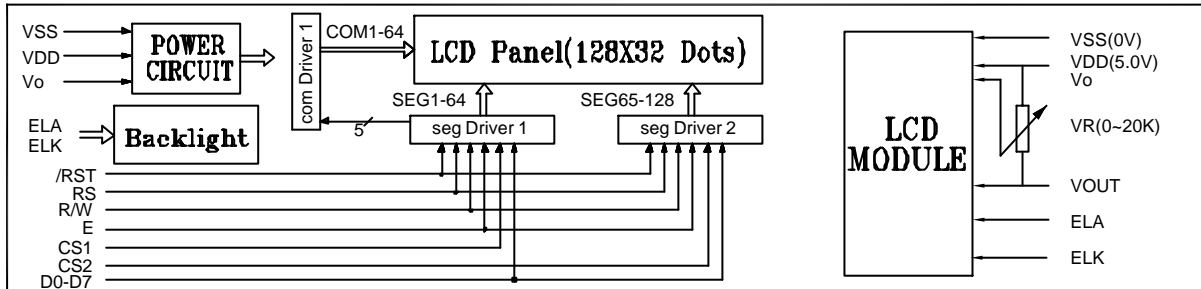
LCD-DISPLAY YM-12864C Series

128x64 DOTS
1/64 DUTY, 1/9 BIAS

OUTLINE DIMENSIONS



BLOCK DIAGRAM & POWER SUPPLY



MECHANICAL SPECIFICATION & FEATURE

Item	Normal Dimensions(mm)	FEATURE	
Module Size(W*H*T)	78.0X70.0X10.5/13.0	LCD Type	STN , TN , HTN , FSTN
View Area(W*H)	62.0X44.0	LCD Colour	STN:Yellow-Green , Grey Other:Gray
Character Pitch(W*H)	128X64	View Angle	6 O'Clock , 12 O'Clock
---	---	Display Type	Positive Type , Negative Type
---	---	Real polarizer	Transmissive , Reflective , Transflective
Dot Pitch(W*H)	0.44X0.60	Operating Temperature	-10°C-50° C , -20° C-60° C
Dot Size(W*H)	0.39X0.55	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	---	20.0	30.0	mA
Supply Current for Backlight	If	Ta=25° C , Vf=4.2V	---	---	---	mA

INTERFACE PIN CONNECTIONS

Pin No.	Symbol	Level	Description
1	/CS1	H/L	Chip select(L:left half panel)
2	/CS2	H/L	Chip select(L:right half panel)
3	VSS	---	Ground for Logic
4	VDD	---	Power supply for Logic
5	Vo	---	Power supply for LCD drive
6	RS	H/L	Register selection (H:Data register, L:Instruction register)
7	R/W	H/L	Read/write selection (H:Read, L:Write)
8	E	H/L	Enable signal for LCM
9~16	DB0~DB7	H/L	Data Bus lines
17	/RST	L	Reset signal
18	VOUT	---	DC-DC output
19	BL+	---	Power supply for Backlight(+5.0V)
20	BL-	---	Power supply for Backlight(0V)

REMARK

Operating voltage option : 5.0V or 3.0V
Parallel mode