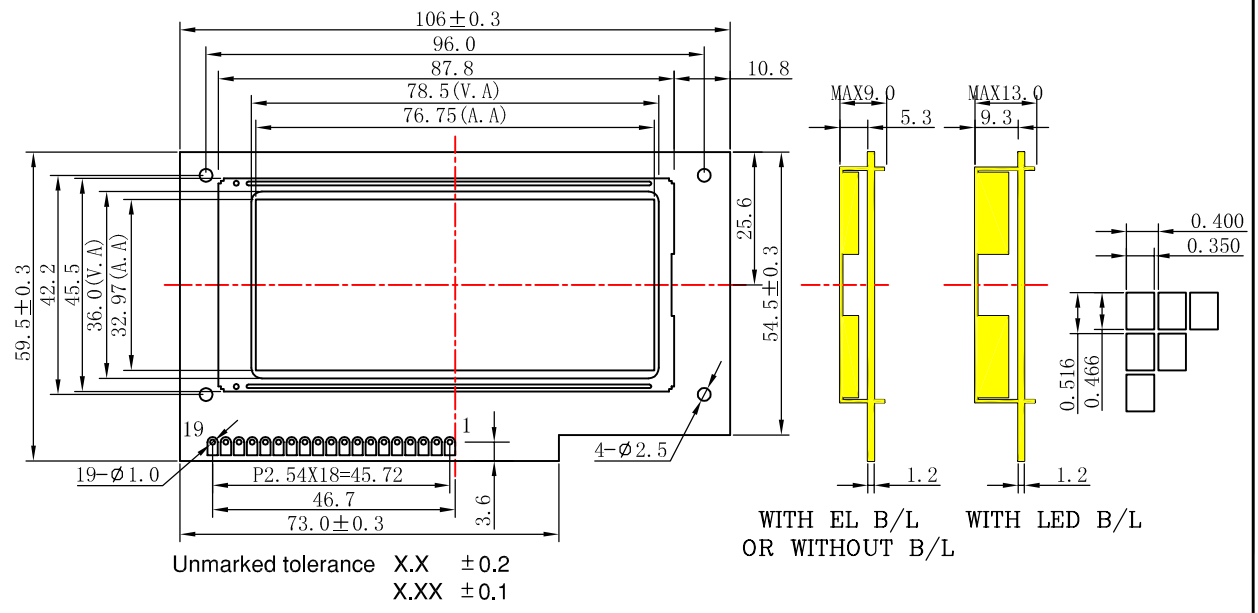
AV-DISPLAY

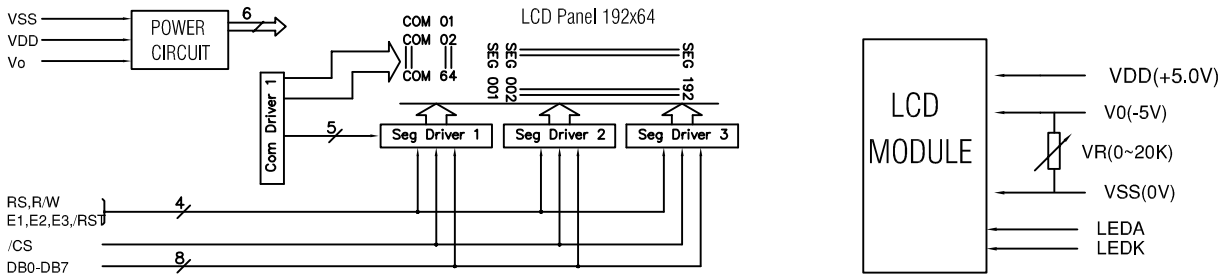
HY-19264A Series

192x64 DOTS
1/64 DUTY,1/9 BIAS

OUTLINE DIMENSIONS



BLOCK DIAGRAM & POWER SUPPLY



MECHANICAL SPECIFICATIONS & FEATURE

Item	Normal Dimensions(mm)	FEATURE	
Module Size (W*H*T)	106.0x59.5x9.0/13.0	LCD Type	STN、FSTN
View Area (W*H)	78.5x36.0	LCD Colour	STN:Yellow-Green、Gray FSTN:Gray
DotsXDots(W*H)	192x64	View Angle	6 O'clock、12 O'clock
Dot Pitch (W*H)	0.400x0.516	Display Type	Positive Type、Negative Type
Dot Size (W*H)	0.350x0.466	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	---	5.0	---	V
Operating Voltage for LCD	Vlcd	Ta=25° C	---	8.2	---	V
Supply Current	Idd	Ta=25° C, Vdd=5.0V	---	2.0	3.0	mA
Supply Current for Backlight	If	Ta=25° C, Vf=4.2V	---	---	---	mA

INTERFACE PIN CONNECTIONS

Pin No	Symbol	Level	Description
1	NC	—	No connection
2	VSS	—	Ground for Logic
3	VDD	—	Power supply for Logic(+5.0V)
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	E3	H/H— L	Enable signal for IC3(right part of the panel)
7	E1	H/H— L	Enable signal for IC1(left part of the panel)
8	E2	H/H— L	Enable signal for IC2(middle part of the panel)
9	/CS	L	Chip selection
10	/RST	L	Reset signal
11-18	DB7-DB0	H/L	Data Bus lines
19	V0	—	Power supply for LCD drive

REMARK

Operating voltage option: 5.0V or 3.0V
Negative type LCD colour: Blue

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