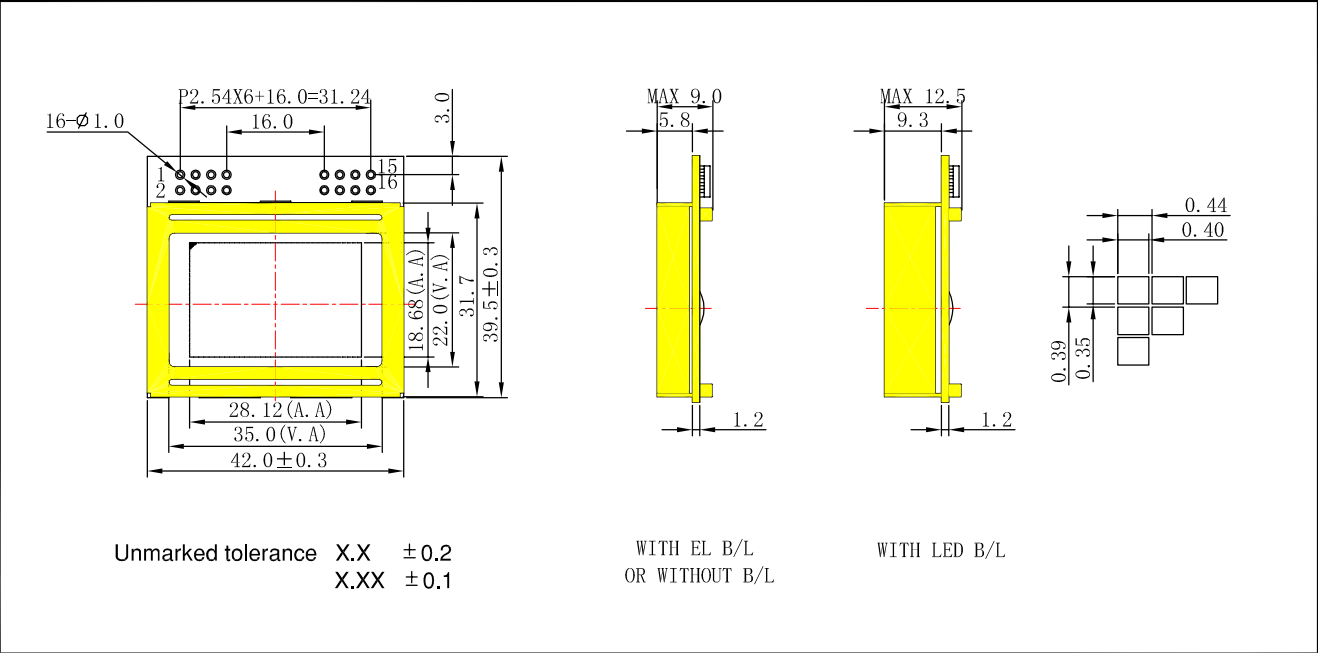


AV-DISPLAY

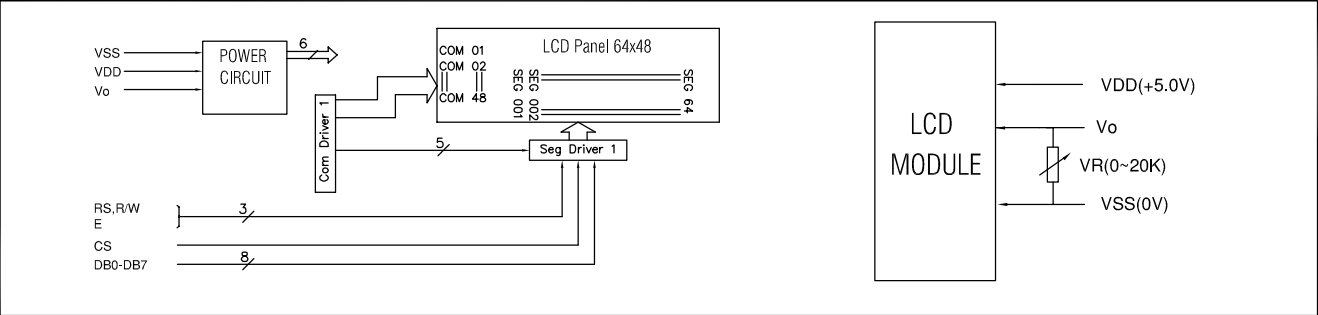
HY-6448A Series

64x48 DOTS
1/48 DUTY, 1/8 BIAS

OUTLINE DIMENSIONS



BLOCK DIAGRAM & POWER SUPPLY



MECHANICAL SPECIFICATIONS & FEATURE

Item	Normal Dimensions(mm)	FEATURE	
Module Size (W*H*T)	42.0X39.5X9.0/12.5	LCD Type	STN、FSTN
View Area (W*H)	35.0X22.0	LCD Colour	STN:Yellow-Green、Gray FSTN:Gray
DotsxDots(W*H)	64X48	View Angle	6 O'clock、12 O'clock
Dot Pitch (W*H)	0.44X0.39	Display Type	Positive Type、Negative Type
Dot Size (W*H)	0.40X0.35	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	---	8.0	---	V
Supply Current	Idd	Ta=25° C, Vdd=5.0V	---	2.0	3.0	mA
Supply Current for Backlight	If	Ta=25° C, Vdd=5.0V	---	20	---	mA

INTERFACE PIN CONNECTIONS

Pin No	Symbol	Level	Description
1	VSS	—	Ground for Logic
2	LED	—	Logic supply voltage for LED
3	Vo	—	Power supply for LCD drive
4	VDD	—	Power supply for Logic(+5.0V)
5	RS	H/L	Register selection (H:Data register, L:Instruction register)
6	E	H/H—L	Enable signal for LCM
7	/CS	L	Chip Selection
8	R/W	H/L	Read/write selection (H:Read,L:Write)
9-16	DB7-DB0	H/L	Data Bus lines

REMARK

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