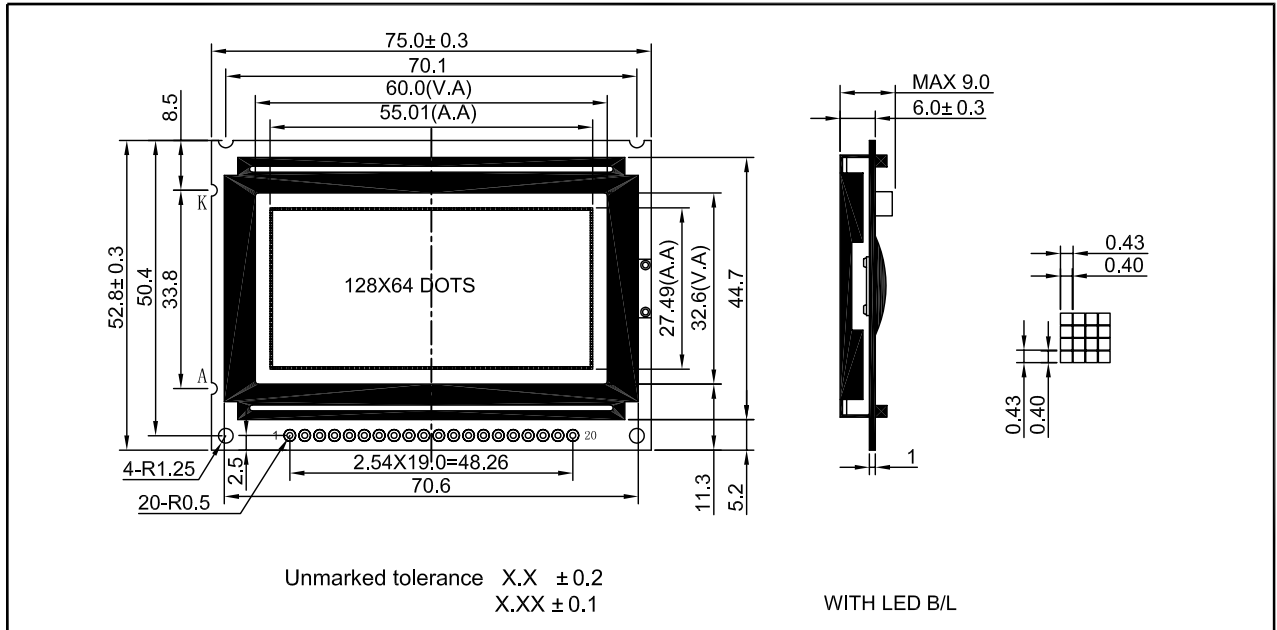
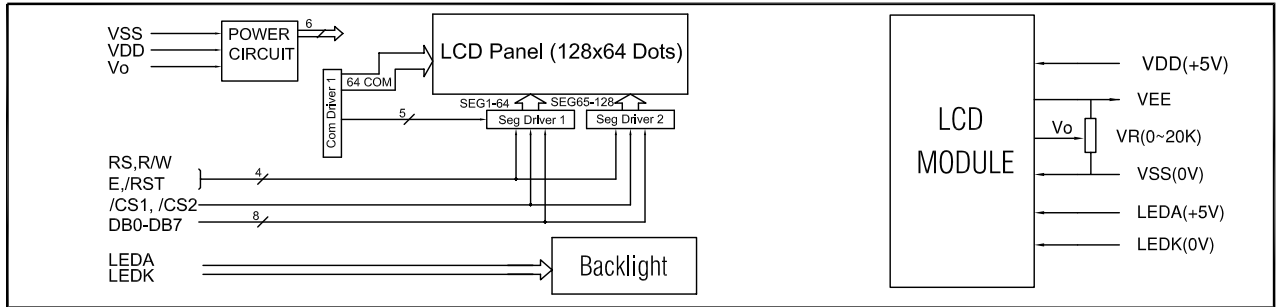


OUTLINE DIMENSIONS



BLOCK DIAGRAM & POWER SUPPLY



MECHANICAL SPECIFICATIONS & FEATURE

Item	Normal Dimensions(mm)	FEATURE	
Module Size (W*H*T)	75.0x52.8x9.0MAX	LCD Type	STN、FSTN
View Area (W*H)	60.0x32.6	LCD Colour	STN:Yellow-Green、Gray FSTN:Gray
DotsxDots(W*H)	128x64	View Angle	6 O'clock、12 O'clock
Dot Pitch (W*H)	0.43x0.43	Display Type	Positive Type、Negative Type
Dot Size (W*H)	0.40x0.40	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	---	9.2	---	V
Supply Current	Idd	Ta=25° C, Vdd=5.0V	---	2.0	3.0	mA
Supply Current for Backlight(LED)	If	Ta=25° C, Vf=4.2V	---	150	---	mA

INTERFACE PIN CONNECTIONS

Pin No	Symbol	Level	Description
1	VDD	--	Power supply for Logic
2	VSS	--	Ground for Logic
3	V0	--	Power supply for LCD drive
4~11	DB0-DB7	H/L	Data Bus lines
12	/CS1	L	Chip Select Signal for Left Half of the panel
13	/CS2	L	Chip Select Signal for Right Half of the panel
14	/RST	L	Reset signal
15	R/W	H/L	Read/write selection (H:Read,L:Write)
16	RS	H/L	Register selection (H:Data register, L:Instruction register)
17	E	H/H—L	Enable signal for LCM
18	VEE	--	Negative voltage output
19	LEDA	--	Power supply for Backlight(+)
20	LEDK	--	Power supply for Backlight(-)

REMARK

Negative type LCD colour: Blue
Old No:AV-G12864D1 Series