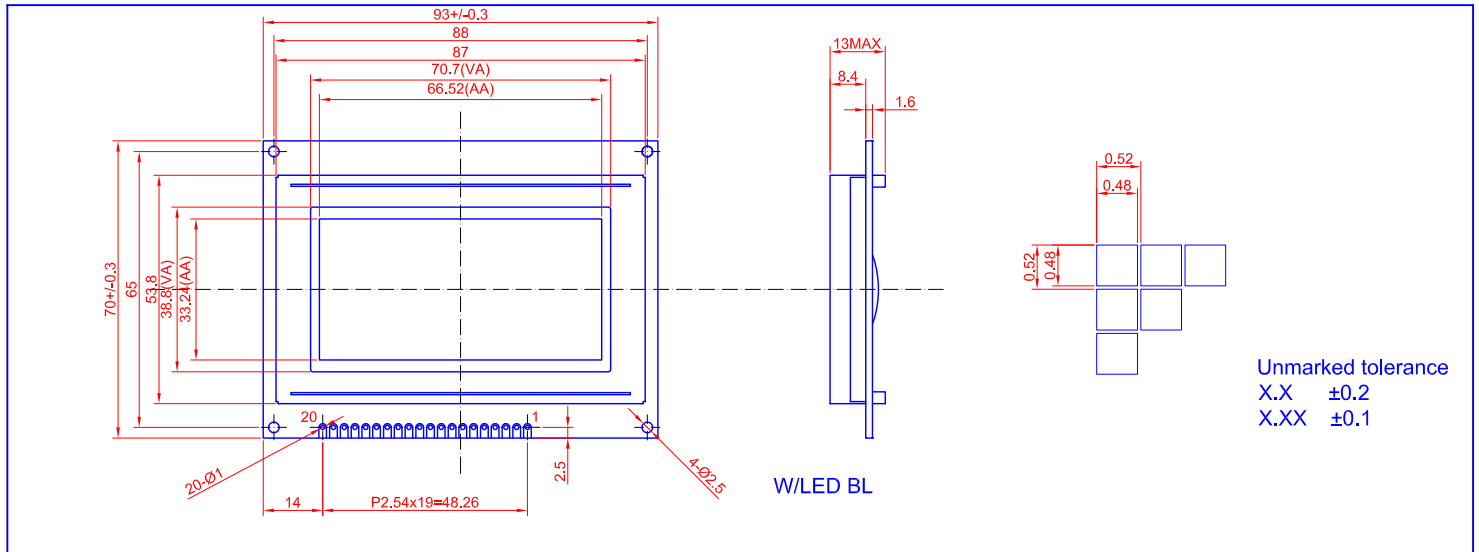
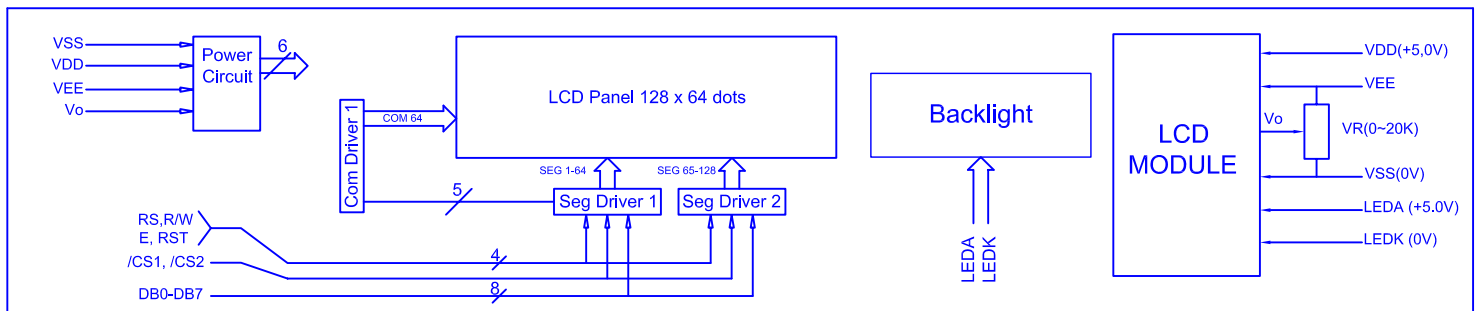


1.0 DIMENSIONAL DRAWING



2.0 BLOCK DIAGRAM & POWER SUPPLY



3.0 MECHANICAL SPECIFICATIONS & FEATURE

Item	Nominal dimensions (mm)	FEATURE	
		LCD Type	STN
Module Size (W*H*T)	93.0 x 70.0 x 11.3/13.0	LCD Colour	Blue
View Area (W*H)	70.7 x 38.8	View Angle	12 O'clock
Dot x Dots (W*H)	128 x 64	Display Type	Negative Type
Dot Pitch (W*H)	0.52 x 0.52	Rear polarizer	Transmissive
Dot Size (W*H)	0.48 x 0.48	Operating Temperature	-20°C ~ 70°C
		Storage Temperature	-30°C ~ 80°C
		Backlight	White Side LED

4.0 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	---	V
Supply Current	Idd	Ta=25°C, Vdd=5.0V	---	2	3.0	mA
Supply Current for Backlight	If	Ta=25°C, Vf=4.2V	---	150	---	mA

5.0 INTERFACE PIN CONNECTIONS

Pin No	Symbol	Level	Description
1	VSS	--	Ground for logic
2	VDD	--	Power supply for Logic(+5.0V)
3	Vo	--	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 - L	Enable signal for LCM
7-14	DB0-DB7	H/L	Data Bus line
15	/CS1	H	Chip Select Signal for Left Half of the screen
16	/CS2	H	Chip Select Signal for Right Half of the screen
17	/RST	L	Rest Signal
18	VEE	--	Negative Voltage Output
19	LEDA	--	Power supply for Backlight (+)
20	LEDK	--	Power supply for Backlight (-)