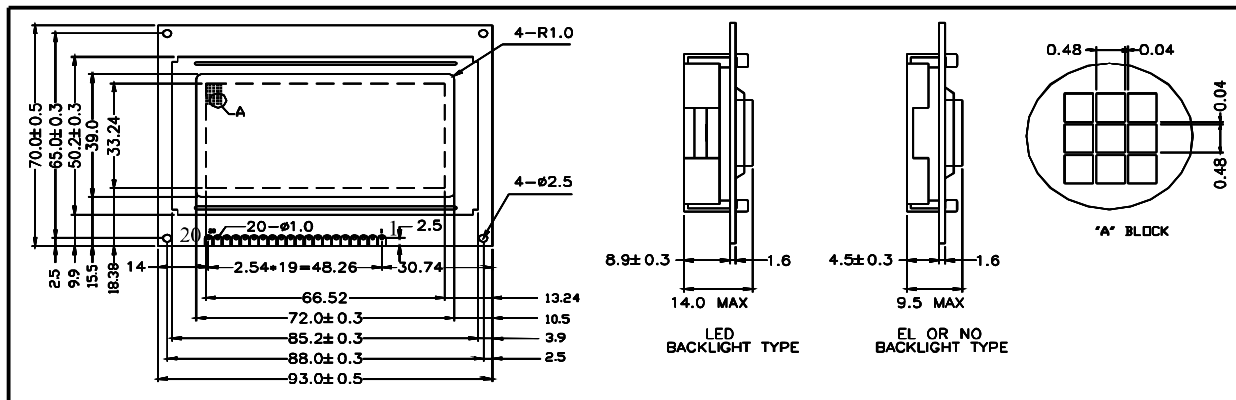


1. Mechanical Specification

ITEM	STANDARD VALUE			UNIT
DOT MATRIX FORMAT	128 X 64 DOTS			--
MODULE DIMENSION	93.0 (W) X 70.0 (H) X 9.5 (T)	93.0 (W) X 70.0 (H) X 14.0 (T)		mm
VIEWING DISPLAY AREA	72.0 (W) X 39.0 (H)			mm
ACTIVE DISPLAY AREA	66.52 (W) X 33.24 (H)			mm
DOT SIZE	0.48 (W) X 0.48 (H)			mm
DOT PITCH	0.52 (W) X 0.52 (H)			mm
	STN , Gray , 1/64 Duty , 1/9 Bias , 6 O'clock , EL Backlight (Color is Bule)			
	STN , Yellow Green , 1/64 Duty , 1/9 Bias , 6 O'clock , EL Backlight (Color is White)			
	STN , Gray , 1/64 Duty , 1/9 Bias , 6 O'clock , LED Backlight			
	STN , Yellow Green , 1/64 Duty , 1/9 Bias , 6 O'clock , LED Backlight			
EL Use Inverter Type				
Inverter Input		V		mA
Inverter Output		V		Hz
BACKLIGHT Half-Lift TIME				HR.
LED Backlight Color	WHITE			
LED Backlight Input	DC +5.0V	V	120	mA
BACKLIGHT Half-Lift TIME	50,000			HR.

2. Mechanical Diagram



3. Interface Pin Connections

NO	SYMBOL	LEVEL	FUNCTION
1	VSS	--	GND (0V)
2	VDD	H/L	DC +5V
3	VO	H/L	Contrast Adjust
4	D/I	H/L	Data / Instruction code
5	R/W	H/L	Read / Write
6	E	H,H→L	Enable signal
7	DB0	H/L	Data Bit 0
8	DB1	H/L	Data Bit 1
9	DB2	H/L	Data Bit 2
10	DB3	H/L	Data Bit 3
11	DB4	H/L	Data Bit 4
12	DB5	H/L	Data Bit 5
13	DB6	H/L	Data Bit 6
14	DB7	H/L	Data Bit 7
15	CS1	H	Chip 1 enable signal
16	CS2	H	Chip 2 enable signal
17	/RST	L	Reset signal
18	VEE	DC -5V	Negative voltage output
19	A+(EL1)	--	LED+(EL Backlight 1)
20	K-(EL2)	--	LED-(EL Backlight 2)

4. Block And Power Supply Diagram

