

ATM1001B SERIES ----- STANDARD CHARACTER LCD MODULES

* 5 x 8 with Cursor Dots

* View Angle (6:00)

* 1/16 Duty, 1/5 Bias, 10CHAR x 1LINE

* LED Backlight

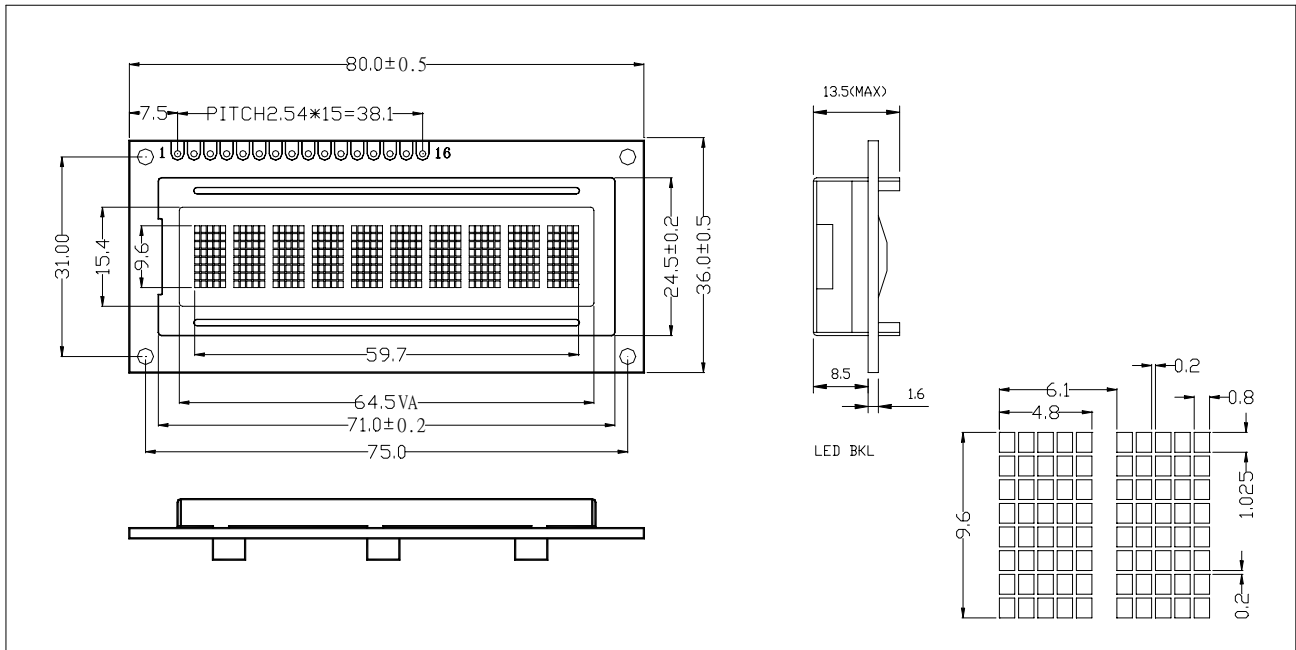
* Transflective/positive; Transmissive/negative

* STN/FSTN

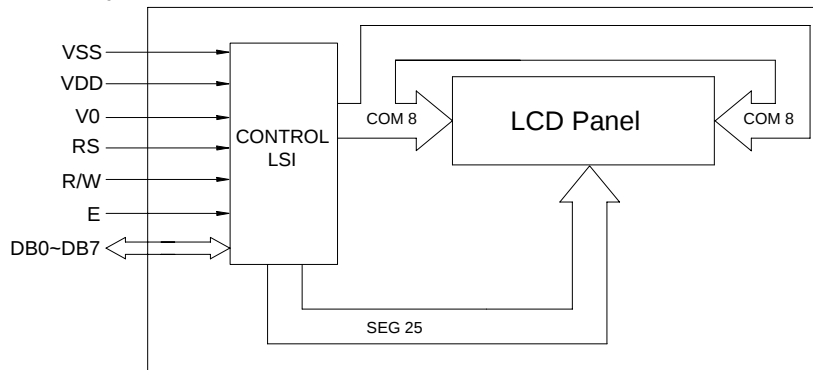
* Controller/Driver (S6A0069 /ST7066 /SPLC780D)

* Operating Temp (-20℃~70℃)

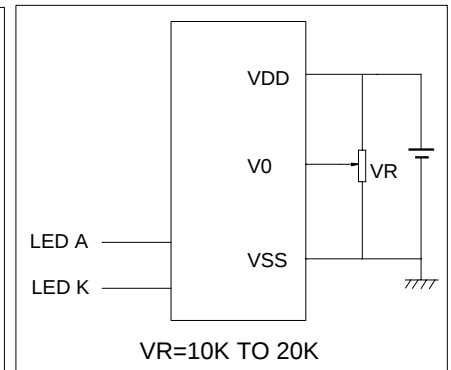
External Dimensions



Block Diagram



Power Supply



Mechanical Specifications

Electrical Specifications

Item	Description(mm)	Item	Symbol	Min	Typ	Max	Unit
Size	80(L)x36(W)x13.5(H)	Supply Voltage for Logic	VDD	4.5	5.0	5.5	V
V.A	64.5(L)x15.4(W)	Supply Voltage for LCD	VLCD	4.0	4.5	5.0	V
Character Pitch	6.1	Supply Current for Logic	IDD		1.0	1.5	mA
Dot Size	0.8 x 1.025	Supply Current for LED	IF			60	mA

Interface Signals---- J1

Pin	Symbol	Level	Description	Pin	Symbol	Level	Description
1	VSS	0V	Ground	7~14	DB0~DB7	H/L	Data Bus Line
2	VDD	+5V	Supply Voltage for Logic	15	A	--	Back Light anode:+4.2V
3	V0	--	Operating Voltage for LCD	16	K	--	Back Light cathode:0V
4	R/S	H/L	H: Data L: Instruction Code				
5	R/W	H/L	H: Data Read L: Data Write				
6	E	H,H-L	Enable Signal				