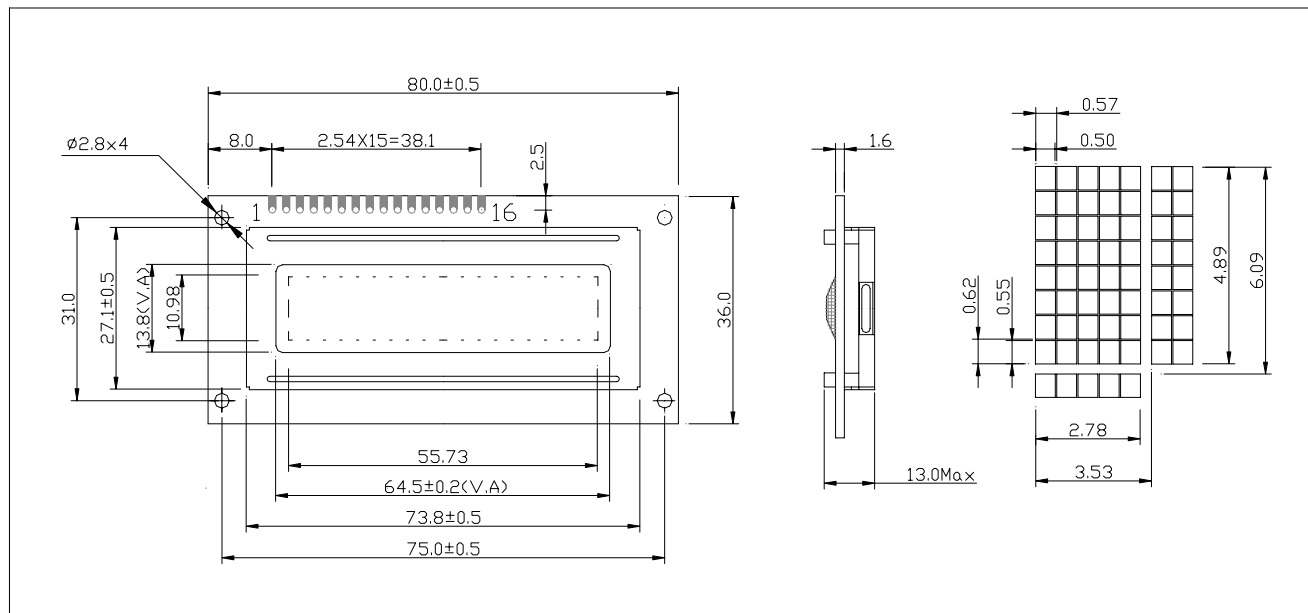


HTM1602A

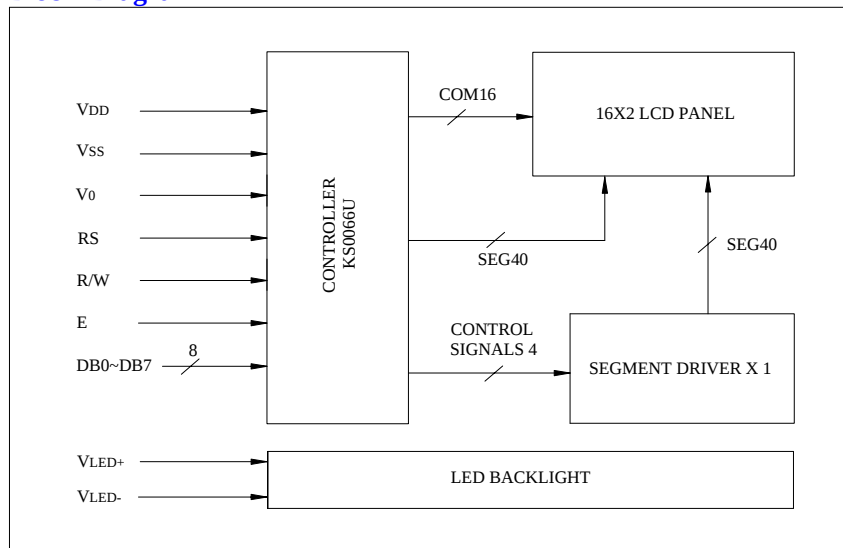
- * 16 Character x 2 Lines
- * View Angle (6 : 00 or 12 :00)
- * 1/16 Duty , 1/5 Bias
- * EL or LED Backlight(Yellow , Blue , White)

- * Reflective or Transflective or Transmissive
- * STN (Yellow or Gray or Blue)
- * Controller/Driver (KS0066U)
- * Operating Temp (- 20℃~70℃)

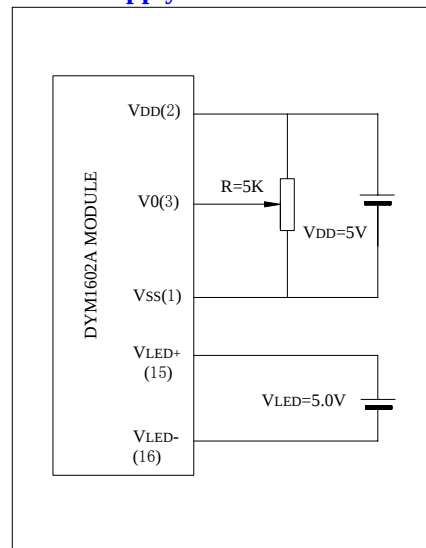
Outline Dimensions



Block Diagram



Power Supply



Mechanical Specifications Electrical Specifications

Item	Description(mm)	Item	Symbol	Min	Typ	Max	Unit
Size	80.0(L)x36.0(W)x13.0(H)	Supply Voltage for Logic	VDD	4.75	5.0	5.25	V
V.A	64.5(L)x13.5(W)	Supply Voltage for LCD	VLCD	4.75	5.0	5.25	V
Dot Pitch	0.6×0.6	Supply Current for Logic	IDD		1.0	3.0	mA
Dot Size	0.55×0.55	Supply Current for LED	IF			150	mA

Interface Signals

Pin	Symbol	Level	Description	Pin	Symbol	Level	Description
1	VSS	0V	GND	6	E	H,H→L	Enable Signal
2	VDD	+5V	Supply Voltage for logic	7~14	DB0~DB7	H/L	Data Bus
3	VO		Operating Voltage for LCD	15	A	+5.0V	LED+
4	RS	H/L	H: Data L: Instruction	16	K	0V	LED-
5	R/W	H/L	H: Read L: Write				