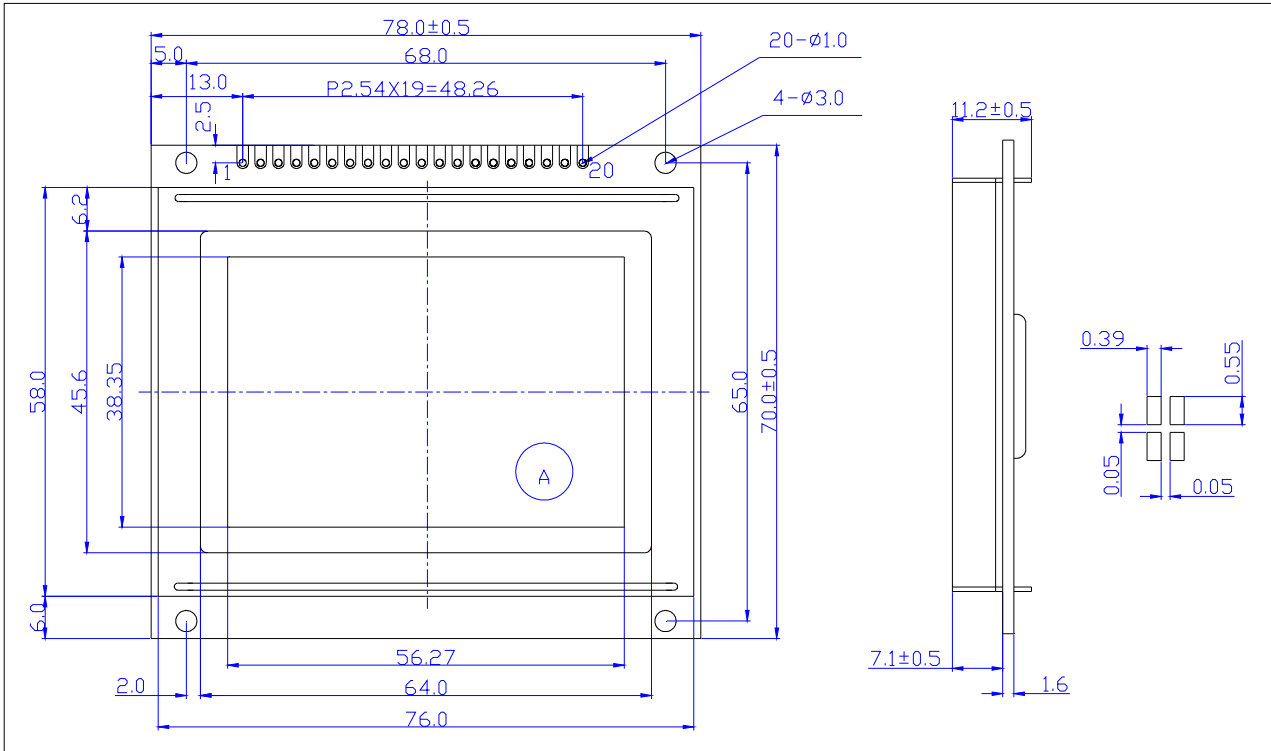
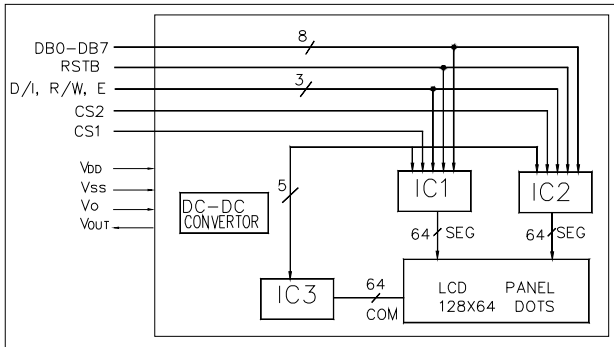


## 1, OUTLINE DRAWING



## 2, BLOCK DIAGRAM



## 3, DISPLAY CHARACTERISTICS

LCD Display mode	STN-Transflective-Positive-Y/G
Driving method	1/64duty, 1/9 bias
Backlight	LED YELLOW-GREEN EDGE

## 4, ELECTRICAL CHARACTERISTICS

Item	Symbol	Min.	Typ.	Max.
Logic Power Supply Voltage(V)	V <sub>DD</sub>		5.0	
Input Voltage(V)	V <sub>ih</sub>	0.7V <sub>DD</sub>		V <sub>DD</sub>
Output Voltage(V)	V <sub>il</sub>	0		0.3V <sub>DD</sub>
LCD Driving Voltage(V)	V <sub>lcd</sub>		10.5	

## 5, TERMINAL FUNCTIONS

Pin	Name	Level	Functions
1	/CS1	L	Chip select for IC1
2	/CS2	L	Chip select for IC2
3	VSS	-	Power supply (GND)
4	VDD	-	Power supply
5	Vo	-	Contrast adjust
6	D/I	H/L	Data/Command
7	R/W	H/L	H: Read(Module to Mpu) L: Write(Mpu to Module)
8	E	H	Enable signal
9-16	DB0-DB7	H/L	Data bus
17	/RST	L	Reset signal
18	Vout	-	Negative voltage output
19	LED+	-	Power supply for LED B/L
20	LED-	-	Power supply for LED B/L

## 6, BACKLIGHT CHARACTERISTICS

Item	Symbol	Min.	Typ.	Max.	Condition
Forward Current (mA)	I <sub>f</sub>		52		V <sub>f</sub> = 5V
Luminous (cd/m <sup>2</sup> )	I <sub>v</sub>		350		
Color		Yellow-Green			