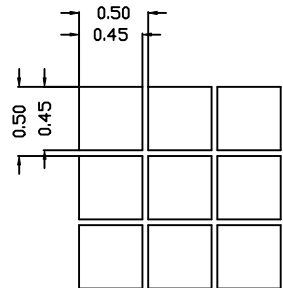
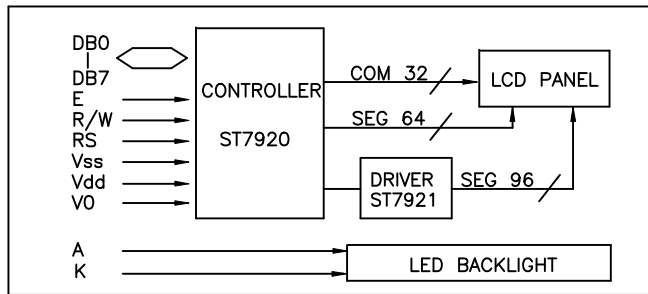
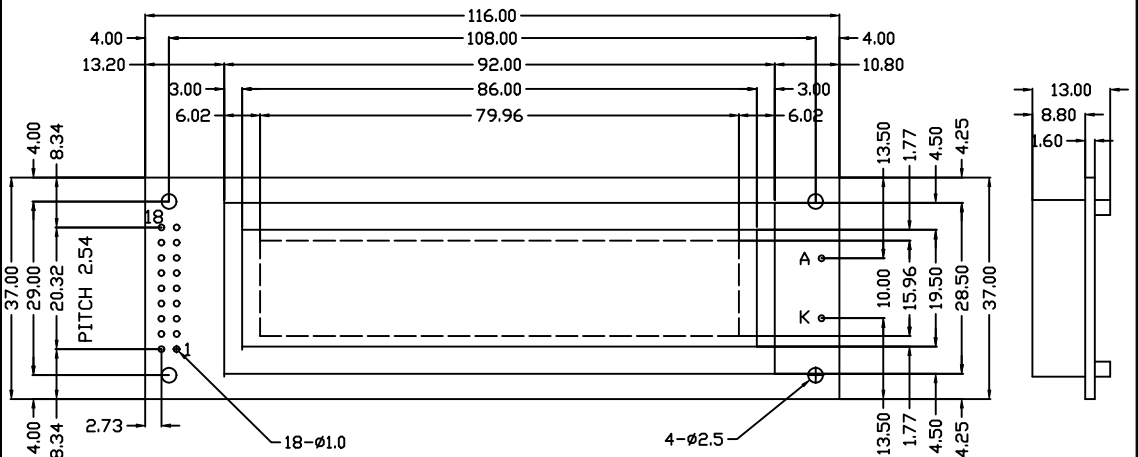


160 X 32 DOTS

- * LCD PANEL STN,Y/G Mode Transflective
- * View Angle 6H
- * Character Simple Chinese



All dimensions in mm. Tolerance ± 0.3 mm unless otherwise specified.

MECHANICAL SPECIFICATIONS

ITEM	SPECIFICATION	UNIT
Overall Size	116.0Wx37.0Hx13.0T	mm
Viewing Area	86.0Wx19.5H	mm
Dots Number	160Wx32H	
Dot Size	0.45Wx0.45H	mm
Dot Pitch	0.50Wx0.50H	mm

PIN ASSIGNMENT

PIN	SYMBOL	FUNCTION
1	Vss	Power Supply(GND)
2	Vdd	Power Supply(+5V)
3	Vo	Contrast Adjust
4	RS	Instruction/Data Register Select
5	R/W	Data Read/Write
6	E	Enable Signal
7-14	DB0-DB7	Data Bus Line
15	RESET	Reset Control (Low effective)
16	NC	No Connection
17	A	Power Supply for LED BL(+)
18	K	Power Supply for LED B/L(-)

ABSOLUTE MAXIMUM RATINGS

ITEM	SYMBOL	MIN.	MAX.	UNIT
Power Supply (Logic)	Vdd	-0.3	7.0	V
Power Supply (LCD)	Vo	Vdd-15.0	Vdd+0.3	V
Input Voltage	Vi	-0.3	Vdd	V
Operating Temperature	Topr	-10	60	°C
Storage Temperature	Tstg	-20	70	°C

ELECTRICAL CHARACTERISTICS(Ta=25°C, Vdd=5V±0.25V)

ITEM	SYMBOL	MIN.	MIN.	MAX.	UNIT
Power Supply(Logic)	Vdd	4.5	5.0	5.5	V
Supply Current	Idd	—	1.0	2.2	mA
LCD Driving Voltage	V0	2.8	3.0	3.2	V
Input Voltage "H"	Vih	2.2	—	Vdd	V
Input Voltage "L"	Vil	—	—	0.6	V
Output Voltage "H"	Voh	2.4	—	—	V
Output Voltage "L"	Vol	—	—	0.4	V

LED BACKLIGHT SPECIFICATIONS

ITEM	TYP.	ITEM	TYP.
Forward Voltage	4.2V	Power Dissipation	850mW
Forward Current	200mA	Emission Wavelength	570nm