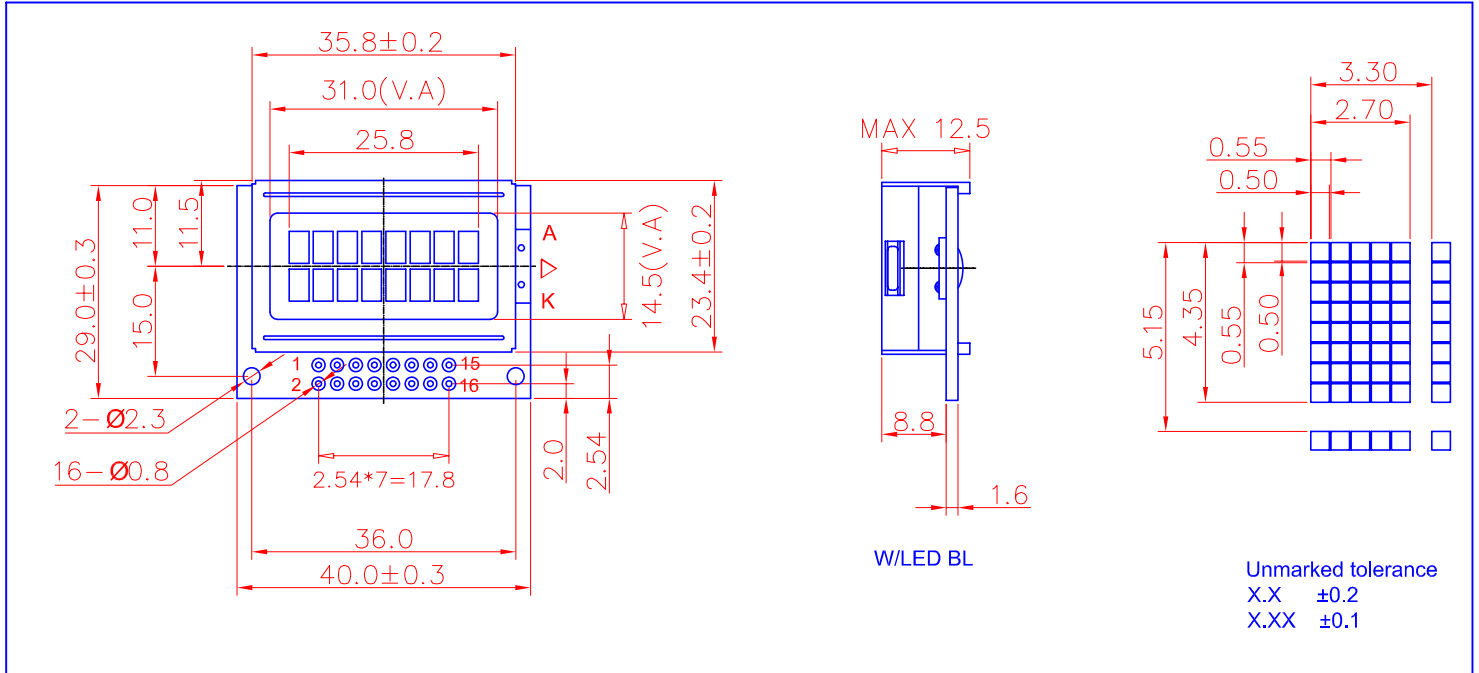
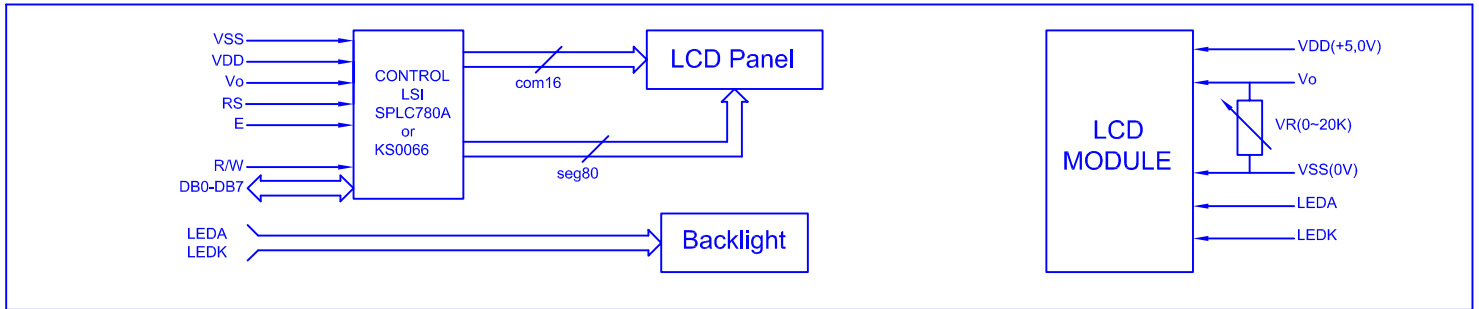


## 1.0 DIMENSIONAL DRAWING



## 2.0 BLOCK DIAGRAM & POWER SUPPLY



## 3.0 MECHANICAL SPECIFICATIONS & FEATURE

Item	Nominal dimensions (mm)	FEATURE	
		LCD Type	STN
Module Size (W*H*T)	35.8 x 29.0 x 12.5	LCD Colour	Gray
View Area (W*H)	31.0 x 14.5	View Angle	6 O'clock
Character Pitch (W*H)	3.30 x 5.15	Display Type	Positive Type
Character Size (W*H)	2.70 x 4.35	Rear polarizer	Transflective
Character Font	5x8	Operating Temperature	-20°C ~ 70°C
Dot Pitch (W*H)	0.55 x 0.55	Storage Temperature	-30°C ~ 80°C
Dot Size (W*H)	0.50 x 0.50	Backlight	LED Array Yellow Green

## 4.0 ELECTRICAL CHARACTERISTICS

Item	Symbol	Test Condition	Min.	Typ.	Max.	Unit
Operating Voltage	Vdd	Ta=25°C	---	5.0	---	V
Operating Voltage for LCD	Vlcd	Ta=25°C	---	4.5	---	V
Supply Current	Idd	Ta=25°C, Vdd=5.0V	---	2.0	3.0	mA
Supply Current for Backlight	If	Ta=25°C, Vf=4.2V	---	120	---	mA

## 5.0 INTERFACE PIN CONNECTIONS

Pin No	Symbol	Level	Description
1	R/W	H/L	Read/write selection (H:Read, L:Write)
2	E	H/H - L	Enable signal for chip
3	RS	H/L	Register selection (H:Data register, L:Instruction register)
4	Vo	--	Power supply for LCD
5	VDD	--	Power supply for Logic(+5.0V)
6	VSS	--	GND
7	LEDA	--	Power supply for Backlight (+)
8	LEDK	--	Power supply for Backlight (-)
9-11-13-15	DB0-DB1-DB2-DB3	H/L	Data Bus line
10-12-14-16	DB7-DB6-DB5-DB4	H/L	Data Bus line