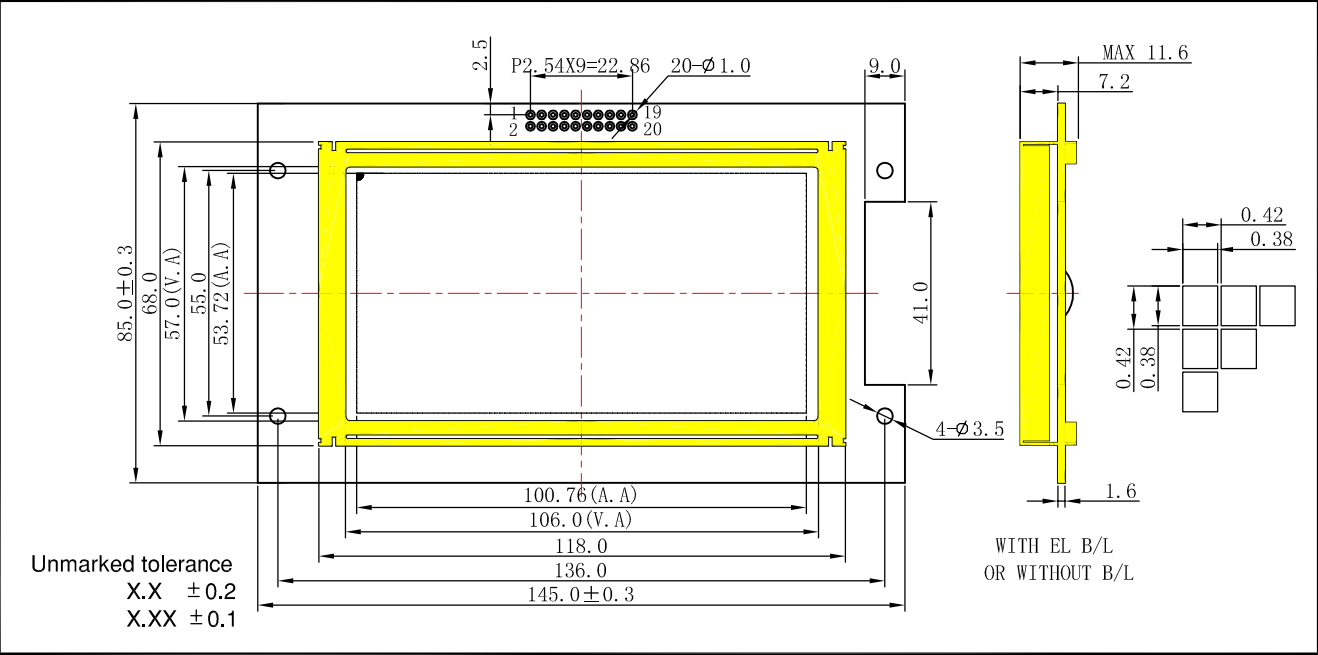
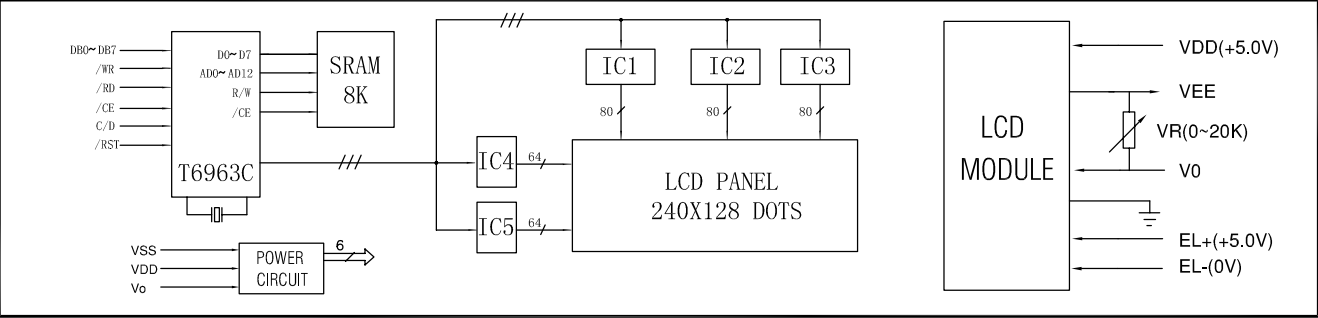


OUTLINE DIMENSIONS



BLOCK DIAGRAM & POWER SUPPLY



MECHANICAL SPECIFICATIONS & FEATURE

Item	Normal Dimensions(mm)	FEATURE	
Module Size (W*H*T)	145.0x85.0x11.6	LCD Type	STN、FSTN
View Area (W*H)	106.0x57.0	LCD Colour	STN:Yellow-Green、Gray FSTN:Gray
DotsxDots (W*H)	240x128	View Angle	6 O'clock、12 O'clock
Dot Pitch (W*H)	0.42x0.42	Display Type	Positive Type、Negative Type
Dot Size (W*H)	0.38x0.38	Rear polarizer	Transmissive、Reflective、Transflective
---	---	Operating Temperature	0°C ~ 50°C、-20°C ~ 70°C
---	---	Backlight	EL:Green、Blue-Green、Blue Without

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	---	13.0	---	V
Supply Current	Idd	Ta=25° C, Vdd=5.0V	---	15.0	20.0	mA
Supply Current for Backlight(EL)	If	Ta=25° C, Vf=5.0V	---	30	---	mA

INTERFACE PIN CONNECTIONS

Pin No	Symbol	Level	Description
1	VSS	--	Ground for Logic
2	VDD	--	Power supply for Logic(+5.0V)
3	/CE	L	Chip enable signal
4	C/D	H/L	Data or instruction select signal (H:data register, L:instruction register)
5	/WR	L	Write signal
6	NC	--	No connection
7-14	DB7-DB0	H/L	Data Bus lines
15	/RD	L	Read signal
16	/RST	L	Reset signal
17	NC	--	No connection
18	NC	--	No connection
19	EL1	--	Power supply for EL Backlight
20	EL2	--	Power supply for EL Backlight

REMARK

Operating voltage option:5.0V or 3.0V
Negative type LCD colour: Blue