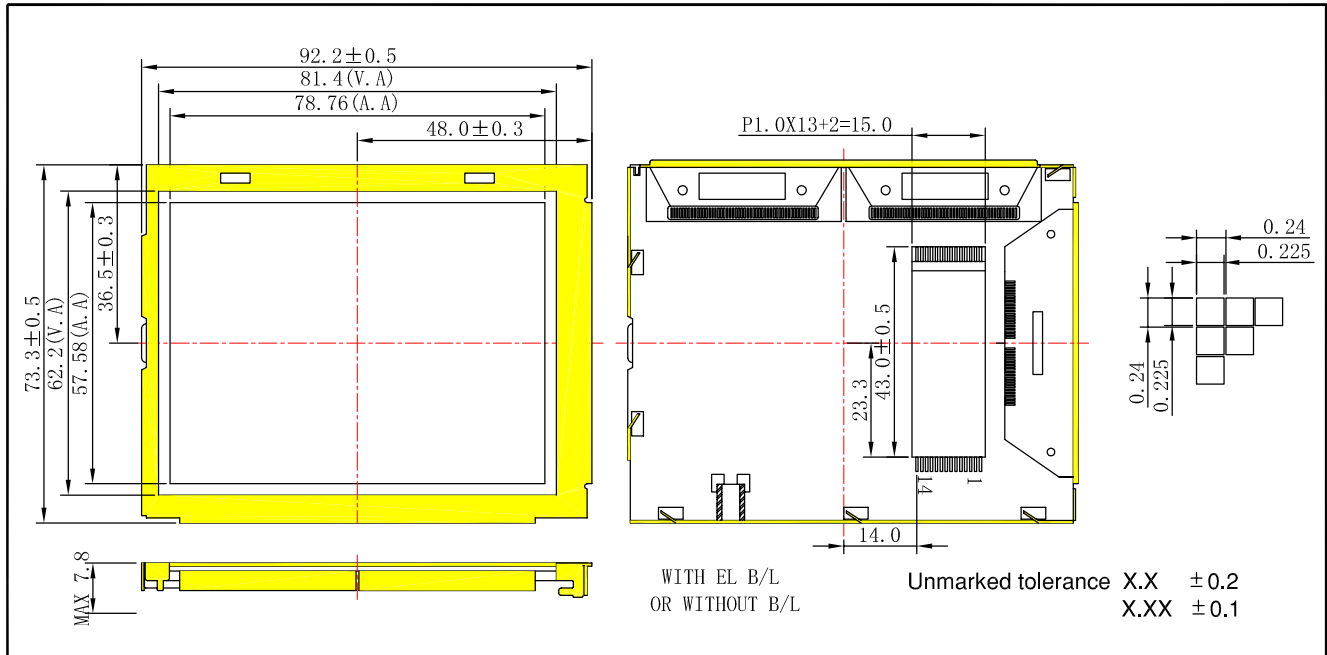
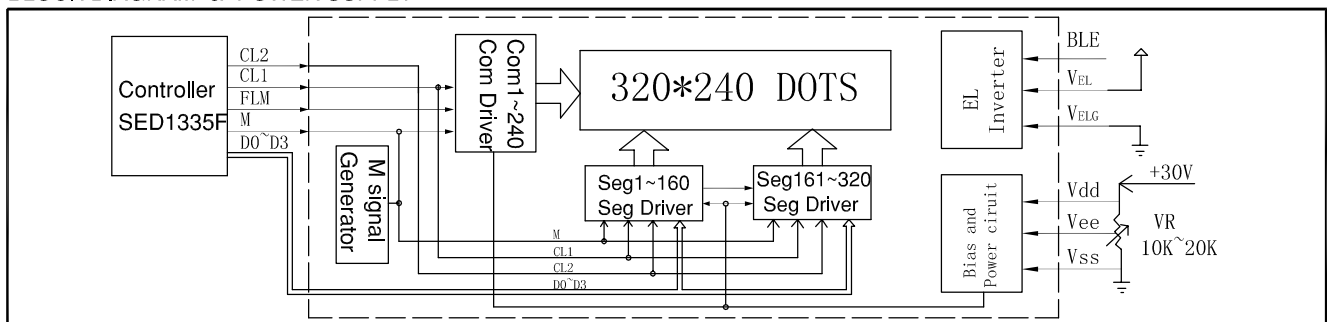


OUTLINE DIMENSIONS



BLOCK DIAGRAM & POWER SUPPLY



MECHANICAL SPECIFICATIONS & FEATURE

Item	Normal Dimensions(mm)	FEATURE	
Module Size (W*H*T)	92.2X73.3X7.8	LCD Type	FSTN
View Area (W*H)	81.4X62.2	LCD Colour	Gray
Dots xDots(W*H)	320X240	View Angle	6 O'clock、12 O'clock
Dot Pitch (W*H)	0.24X0.24	Display Type	Positive Type
Dot Size (W*H)	0.225X0.225	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	---	21.6	---	V
Supply Current	Idd	Ta=25° C, Vdd=5.0V	---	3.0	4.5	mA
Supply Current for Backlight(EL)	If	Ta=25° C, Vdd=5.0V	---	20	---	mA

INTERFACE PIN CONNECTIONS

Pin No	Symbol	Level	Description
1	CL2	--	Data shift pulse
2	CL1	--	Data latch pulse
3	FLM	--	Frame start signal
4	M	--	AC signal for LCD driving
5-8	DB0-DB3	H/L	Display data
9	VEE	--	Power supply for LCD driver
10	VDD	--	Power supply for Logic(+5.0V)
11	VSS	--	Ground for Logic
12	EL_ON	H	EL control pin
13	EL1	--	Power supply for EL backlight
14	EL2	--	Power supply for EL backlight(0V)

REMARK

Operating Voltage Option: 5.0V or 3.0V