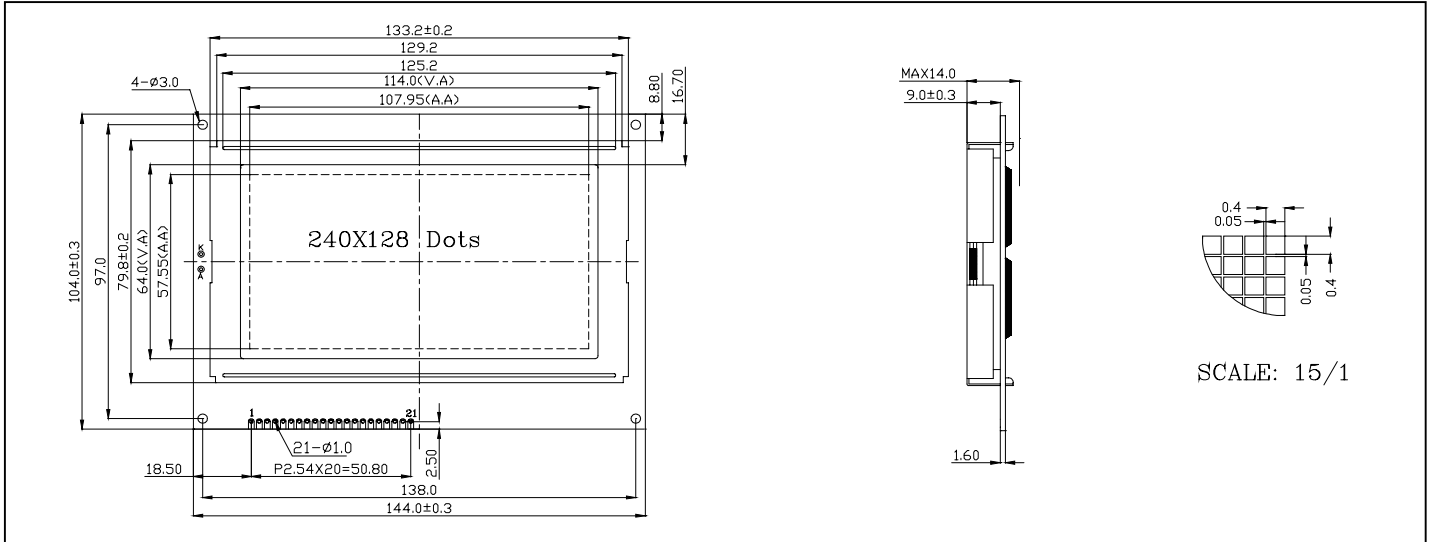


1、 DIMENSIONAL OUTLINE



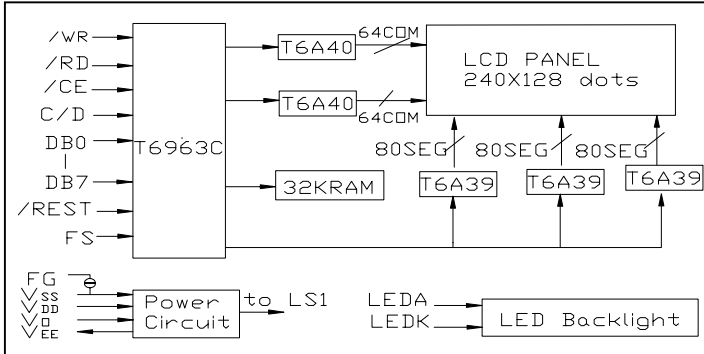
2、 MECHANICAL SPECIFICATIONS

ITEM	SPECIFICATIONS	UNIT	REMARK
Module Size(W × H × T)	144.0 × 104.0 × 14.0	mm	Reference Dimensional Outline
Viewing area(W × H)	114.0 × 64.0	mm	
Effective V/Area	107.95 × 57.55	mm	
Number of Dots	240 × 128	—	
Dot Pitch( W × H)	0.45 × 0.45	mm	
Dot Size( W × H)	0.40 × 0.40	mm	
Weight (Reflective/Led)	—	g	

3、 ABSOLUTE MAXIMUM RATINGS

ITEM	SYMBOL	CONDITION	STANDARD	
			MIN	MAX
Logic Voltage	V <sub>DD</sub>	Ta=25	-0.3	7
Lcd Voltage	V <sub>LCD</sub>		-0.3	25
Input Voltage	V <sub>I</sub>		-0.3	V <sub>DD</sub> +0.3
Operating Temp	T <sub>OP</sub>	—	-20	70
Storage Temp	T <sub>ST</sub>	—	-30	80

4、 BLOCK DIAGRAMMECHANICAL



5、 LED BACKLIGHT SPECIFICATIONS(Ta=25)

ITEM	SYMBOL	TYPE	MAX	UNIT
Forward Voltage	V <sub>f</sub>	4.05	4.25	V
Forward Current	I <sub>f</sub>	720	—	mA
Emission Wave Length	p	568	—	nm

6、 INTERFACE PIN CONNECTIONS

ITEM	SYMBOL	LEVEL	FUNCTIONS
1	FG	—	Frame Ground
2	VSS	—	GND
3	VDD	+5V	Power supply for logic
4	V0	—	Contrast adjust
5	/WR	L	Write Signal
6	/RD	L	Read signal
7	/CE	L	Chip Enable Signal
8	C/D	H/L	L: data H:Instruction data
9	/REST	L	Reset signal
10 ~ 17	DB0 ~ DB7	H/L	Data bus line
18	FS	H/L	Font Selection L:8×8,H:6×8
19	Vout	—	Voltage Output
20	LEDA	+5V	Power supply for LED backlight
21	LEDK	0V	

7、 ELECTRICAL CHARACTERISTICS(Ta=25 )

ITEM	SYMBOL	MIN	TYPE	MAX	UNIT
Logic Power	V <sub>DD</sub>	4.5	5	5.5	V
Input High Voltage	V <sub>IH</sub>	V <sub>DD</sub> -2.2	—	V <sub>DD</sub>	V
Input Low Voltage	V <sub>IL</sub>	0	—	0.8	V
Output High Voltage	V <sub>OH</sub>	V <sub>DD</sub> -0.3	—	V <sub>DD</sub>	V
Output Low Voltage	V <sub>OL</sub>	0	—	0.3	V
Logic Current	I <sub>DD</sub>	—	15	25	mA
Operating Voltage For Lcd	V <sub>DD</sub> -V <sub>O</sub>	—	18	—	V