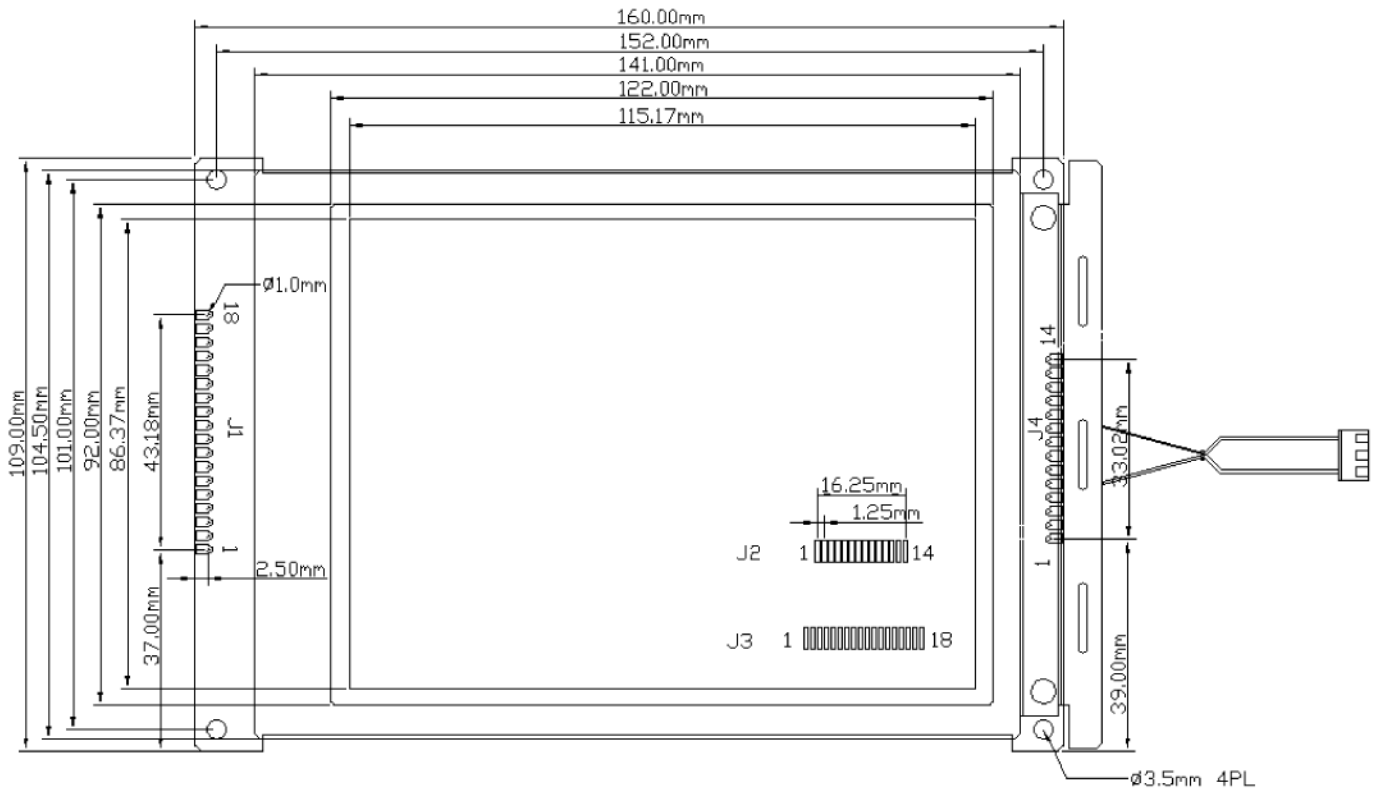
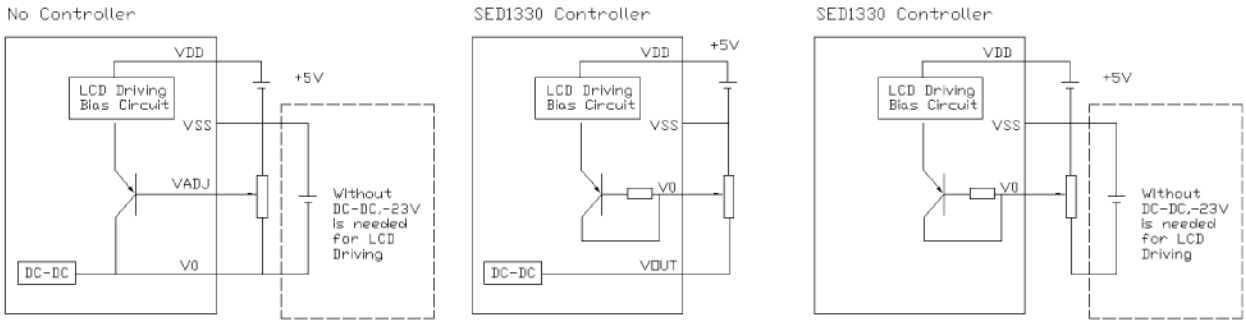
■ PHYSICAL DATA

Item	Contents	Unit
LCD type	STN	---
LCD duty	1/240	---
LCD bias	1/17	---
Viewing direction	6	o'clock
Module size (W×H×T)	167.0 × 109.0 × 12MAX (6.57″ × 4.29″ × 0.47″MAX)	mm
Viewing area (W×H)	122.0 × 92.0 (4.8″ × 3.62″)	mm
Number of dots	320 × 240	dots
Dot size (W×H)	0.33 × 0.33 (0.013″ × 0.013″)	mm
Dot pitch (W×H)	0.36 × 0.36 (0.014″ × 0.014″)	mm

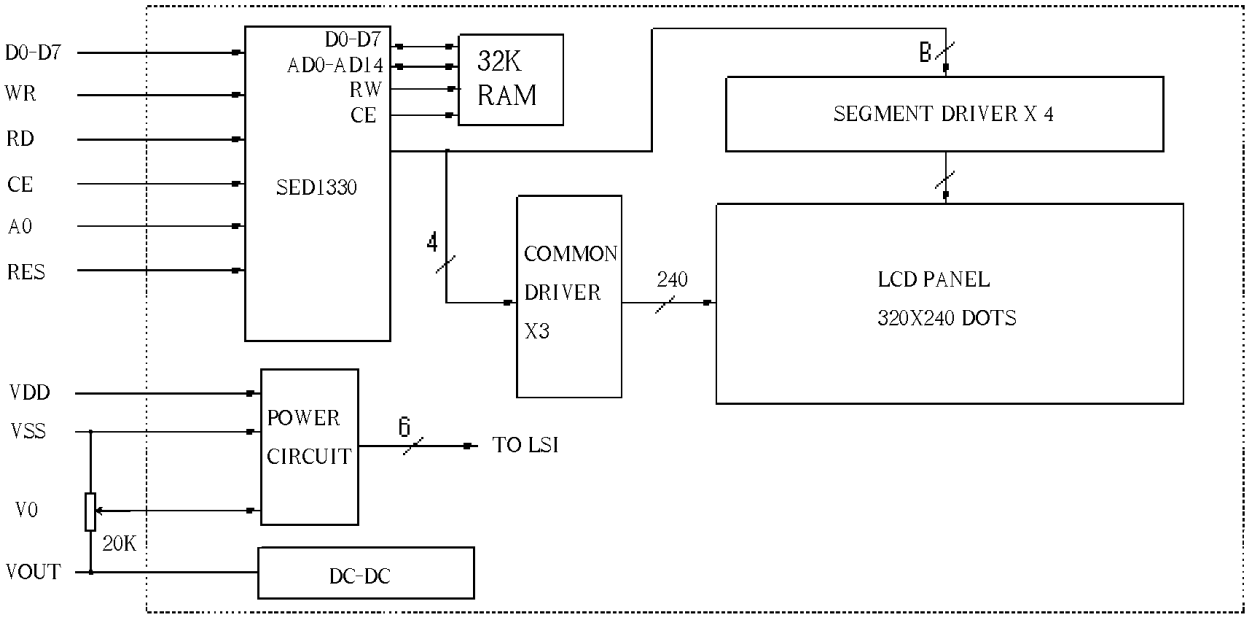
■ EXTERNAL DIMENSIONS



Power Supply



■ BLOCK DIAGRAM



■ OPERATING INSTRUCTIONS

Input signal Function

J1 (SED1335 Controller)

Pin No	Symbol	Description	
1	VSS	GND	
2	VDD	Supply voltage for logic	
3	V0	Supply voltage for LCD Contrast adjustment	
4	WR\	Write Signal	
5	RD\	Read Signal	
6	CS\	Chip select Signal	
7	A0	Data Type Selection	
8	RES\	Reset Signal	
9	DB0	Data BUS	
10	DB1	Data BUS	
11	DB2	Data BUS	
12	DB3	Data BUS	
13	DB4	Data BUS	
14	DB5	Data BUS	
15	DB6	Data BUS	
16	DB7	Data BUS	
17	LED+	LED Back light Power +5V	
18	VOUT	Power out (-23V)，LCD Power supply	

J2, J4 No Controller

Pin No	Symbol	Description	
1	D0	Data BUS	
2	D1	Data BUS	
3	D2	Data BUS	
4	D3	Data BUS	
5	DISPOFF	H:Display ON,L:Display Off	
6	FRAME	Frame signal	
7	M	Alternater for LCD driver	
8	LOAD	Data latch signal	
9	CP	Clock signal for shifting serial data	
10	VDD	Power supply for logic	
11	VSS	GND	
12	VEE	Power supply for LCD(-23V)	
13	V0	Variable voltage for LCD	
14	NC	No Connected	

J3 SED1335 Controller

Pin No	Symbol	Description	
1	VSS	GND	
2	VDD	Supply voltage for logic	
3	V0	Supply voltage for LCD Contrast adjustment	
4	A0	Data Type Selection	
5	WR\	Write Signal	
6	RD\	Read signal	
7	DB0	Data bus	
8	DB1	Data bus	
9	DB2	Data bus	
10	DB3	Data bus	
11	DB4	Data bus	
12	DB5	Data bus	
13	DB6	Data bus	
14	DB7	Data bus	
15	CS\	Chip select Signal	
16	RES\	Reset signal	
17	VOUT	On Board DC-DC Power out (-23V)，LCD Power supply	
18	SEL1	H:6800 L:8080 DEFULT:8080	

CCFL Backlight:

Pin No.	Symbol	Level	Description
1	VFL1	---	Supply voltage for CCFL
2	NC	---	No connection
3	VFL2	---	Supply voltage for CCFL

LED Backlight:

Symbol	Level	Description
LED+	5V	Supply voltage for LED Backlight
LED-	0V	Connection to 0V (GND)