

ATM320240 SERIES----- GRAPHIC DOT MATRIX LCD MODULES

* 320 x 240 Dots

* View Angle (12:00)

* 1/240 Duty, 1/16 Bias

* CCFL Backlight (White)

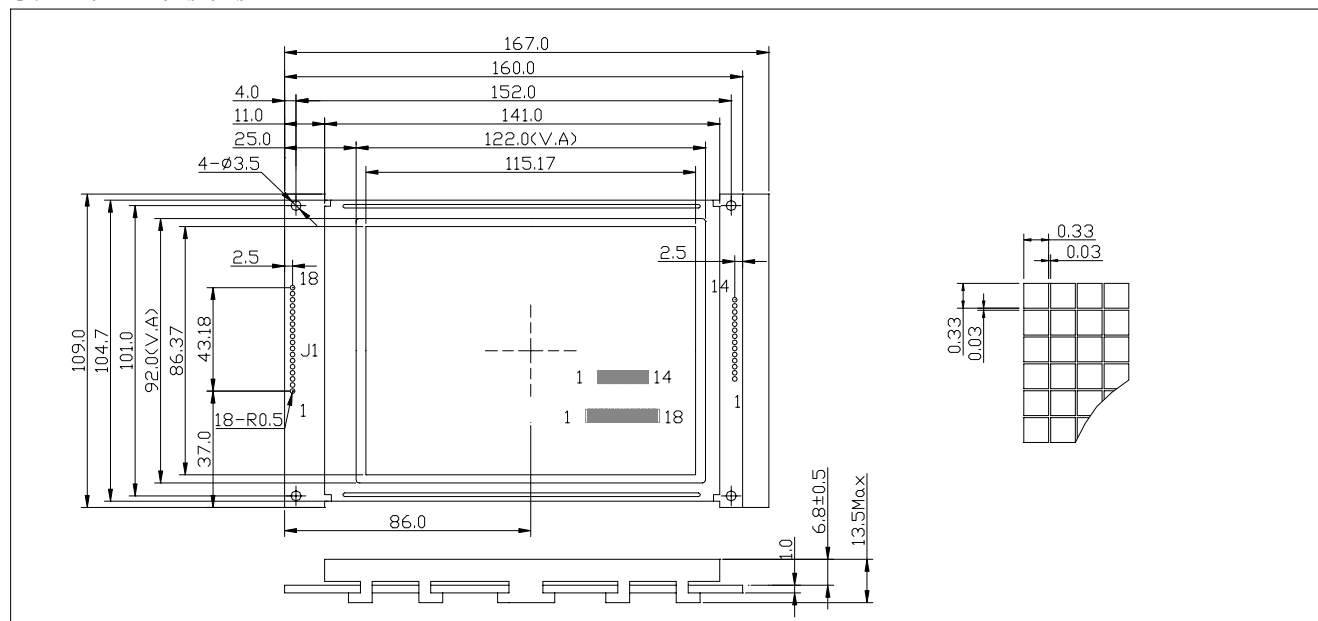
* Transflective

* FSTN (Positive Black/White)

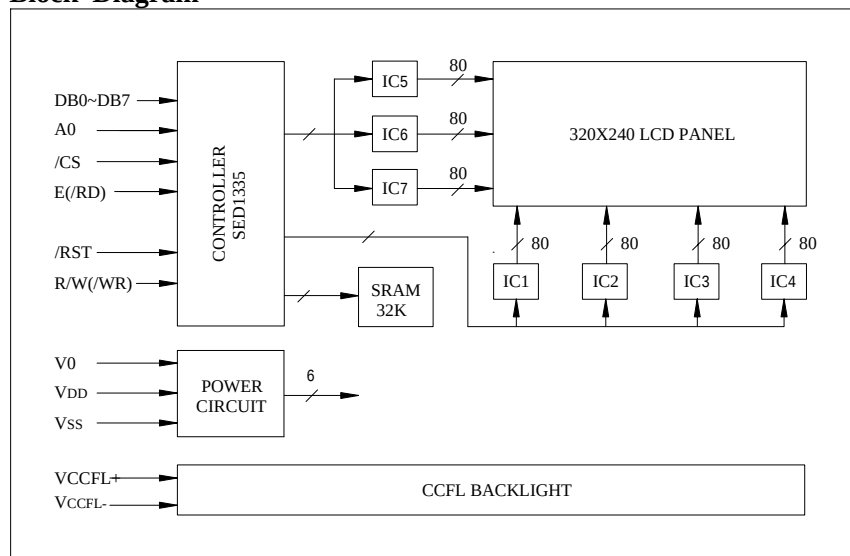
* Controller/Driver (SED1335)

* Operating Temp (- 20°C~70°C)

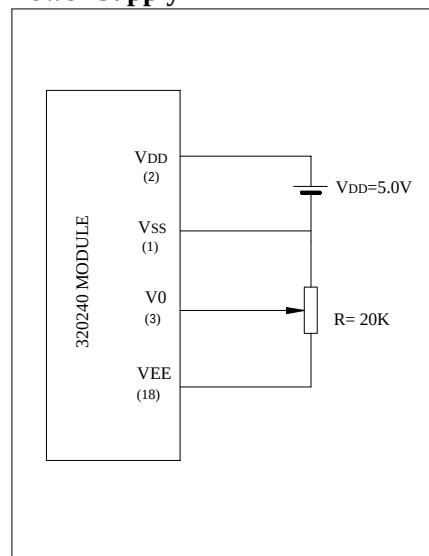
Outline Dimensions



Block Diagram



Power Supply



Mechanical Specifications

Item	Description(mm)	Item	Symbol	Min	Typ	Max	Unit
Size	160(L)x109(W)x13.5(H)	Supply Voltage for Logic	VDD	4.75	5.0	5.25	V
V.A	122.0(L)x92.0(W)	Supply Voltage for LCD	VLCD	22.0	22.5	23.0	V
Dot Pitch	0.36x0.36	Supply Current for Logic	IDD		10.0	20.0	mA
Dot Size	0.33x0.33	Supply Current for CCFL	IF			500	mA

Electrical Specifications

Interface Signals---- J1

Pin	Symbol	Level	Description	Pin	Symbol	Level	Description
1	VSS	0V	Ground	8	/RST	L	Reset Signal
2	VDD	+5V	Supply Voltage for Logic	9~16	DB0~DB7	H/L	Data Bus
3	V0		Operating Voltage for LCD	17	NC		
4	/WR	H/L	Write Signal	18	VEE	-20V	Power Out
5	/RD	H/L	Read Signal	1	CCFL		Supply For CCFL
6	/CS	L	Chip Select Signal	2	NC		
7	A0	H/L	H: Command ; L: Data	3	CCFL		Supply For CCFL