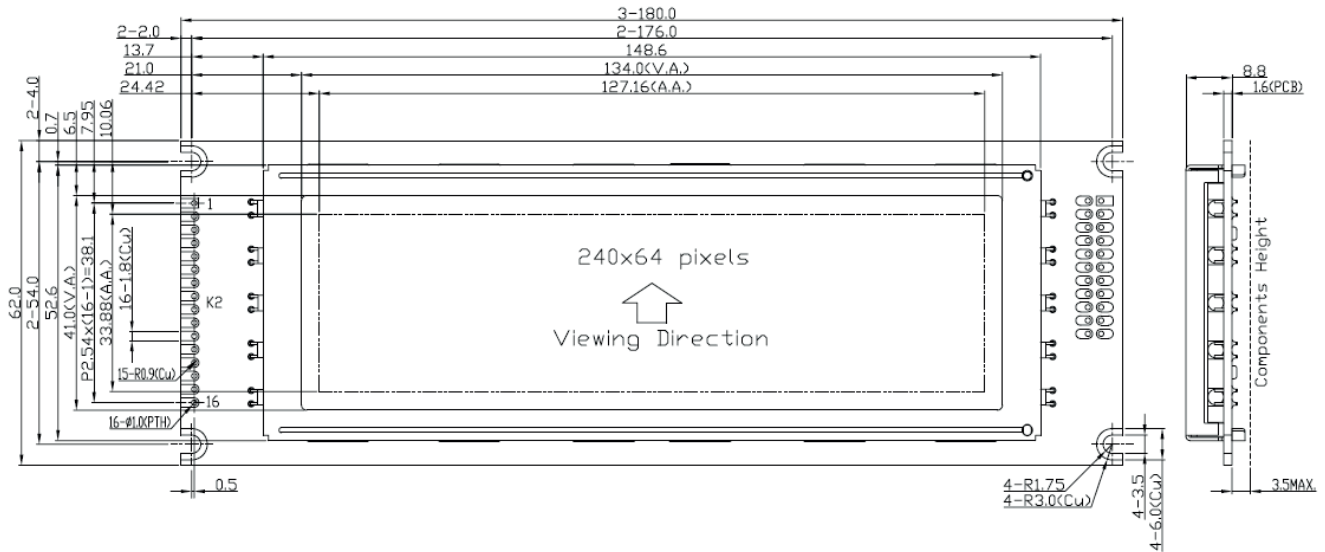


OUTLINE DRAWING



TERMINAL FUNCTIONS

Pin	Name	Descriptions
1	FLM	First Line Marker
2	LP	Line Pulse Signal Input
3	CP	Clock Pulse Signal ,for shifting the data (D0~D3)into the segment buffer
4	M	LCD AC Driving Input
5	V0	LCD Contrast Reference Input
6	VDD	Positive Power Supply
7	VSS	0V Power Supply, Ground
8	VOUT	DC/DC Power Output
9	DB0	4-bit Display Data Input
:	:	
12	DB3	
13	/DISPOFF	Display ON/OFF Control Signal, /DISPOFF=0,display off /DISPOFF=1,display on
14	NC	No Connection(leave open)
15	BLA	Positive Power for LED Backlight
16	BLK	Negative Power for LED Backlight

DISPLAY CHARACTERISTICS

Item	Value
LCD Display Mode*	STN, Negative, Transmissive
Viewing Angle	6:00
Driving Duty	1/64 duty
Backlight	White LED backlight

MECHANICAL DATA

Item	Value
Outline (mm)	180.0 x 62.0 x 12.3 MAX.
Viewing Area (mm)	134.0 x 41.0
Active Area (mm)	127.16 x 33.88
Dot Pitch (mm)	0.53 x 0.53
Dot Size (mm)	0.49 x 0.49

ABSOLUTE MAXIMUM

Item	Symbol	Min	Max
Operating Voltage (V)	-0.3	0	6.0
Operating Temperature (°C)	T _{OP}	-20	+70
Storage Temperature (°C)	T _{ST}	-30	+80

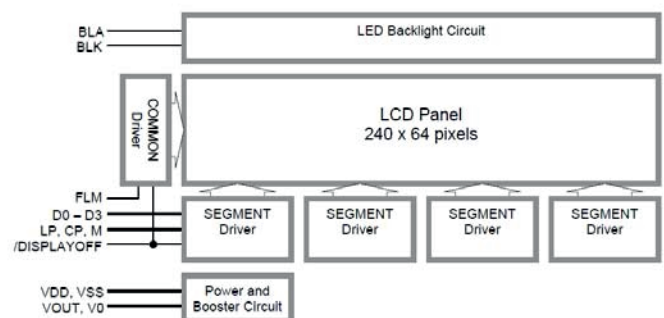
ELECTRICAL CHARACTERISTICS

Item	Symbol	Min	Typ	Max
Operating Voltage (V)#	V _{DD}	4.8	5.2	3.6
Input High Voltage (V)	V _{IH}	0.8 x V _{DD}	-	V _{DD}
Input Low Voltage (V)	V _{IL}	0	-	0.2 x V _{DD}
Operating Current (mA)	I _{DD}	-	5.5	17.0

BACKLIGHT CHARACTERISTICS

Item	Symbol	Min	Typ	Max
Forward Voltage (V)	V _{fBLA}	-	5.0	-
Forward Current (mA)	I _{fBLA}	-	165	200

BLOCK DIAGRAM



LM24064E series

Major Models	Highlight	
	*LCD Mode	#Voltage
LM24064EFC*	STN-Blue	5.0V
LM24064EDC	STN-GRAY	5.0V

For similar product or (semi) custom made LCD module, Please visit our web site or contact us.

*The above information is based on this model.