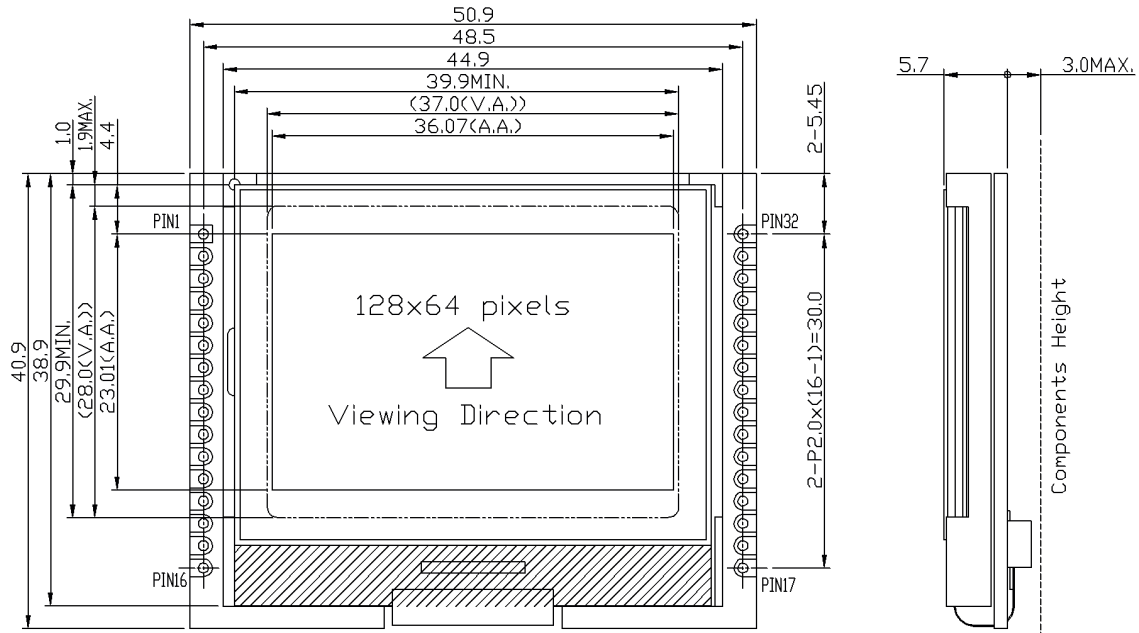


OUTLINE DRAWING



TERMINAL FUNCTIONS

Pin	Name	Descriptions
1	/CS	Chip selection /CS1=L, enable access to the LCD module /CS1=H, disable access to the LCD module
2	/RES	Reset Signal
3	A0	Register Select
4	R/W	R/W=L, E=H → L Data or Instruction latch into the LCD module R/W=H, E=H; Data or status read from the LCD module
5	E	
6	D0	8 bit Data Bus There state I/O Terminal for display data or instruction data
:	:	
11	D5	
12	D6 (SCL)	
13	D7(SI)	Serial data input
14	VDD	Positive Power Supply
15	VSS	0V Power Supply
16	BLA	LED Backlight Positive Power Supply
17	NC	No Connection, leave open
:	:	
32	NC	

ABSOLUTE MAXIMUM

Item	Symbol	Min	Max
Operating Voltage (V)	V _{DD}	-0.3	+3.3
Operating Temperature (°C)	T _{OP}	-20	+70
Storage Temperature (°C)	T _{ST}	-30	+80

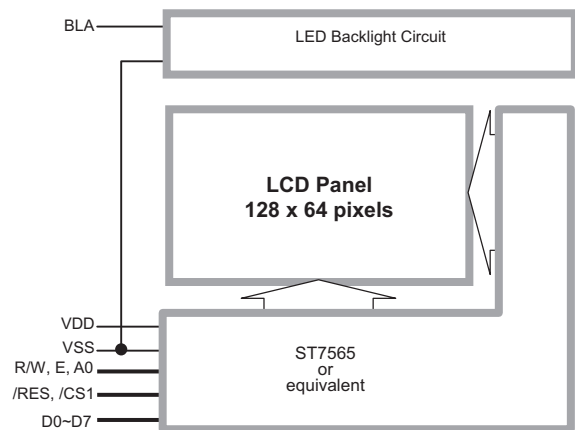
ELECTRICAL CHARACTERISTICS

Item	Symbol	Min	Typ	Max
Operating Voltage (V)	V _{DD}	2.8	-	3.3
Input High Voltage (V)	V _{IH}	0.8 V _{DD}	-	V _{DD}
Input Low Voltage (V)	V _{IL}	V _{SS}	-	0.2V _{DD}
Operating Current (mA)	I _{DD}	-	0.4	1.5

BACKLIGHT CHARACTERISTICS

Item	Symbol	Min	Typ	Max
Forward Voltage (V)	V _{fBLA}	-	3.3	-
Forward Current (mA)	I _{fBLA}	-	50	70

BLOCK DIAGRAM



DISPLAY CHARACTERISTICS

Item	Value
LCD Display Mode	FSTN, Positive, Transflective
Viewing Angle	6:00
Driving Method	1/65 duty, 1/9 bias
Backlight	White LED Backlight

MECHANICAL DATA

Item	Value
Outline (mm)	50.9 x 40.9 x 8.7MAX
Viewing Area (mm)	37.0 x 28.0
Active Area (mm)	36.07 x 23.01
Dot Pitch (mm)	0.36 x 0.282
Dot Size (mm)	0.33 x 0.252

LM6059B series

	Highlight	
	LCD Mode	
LM6059BCW*	FSTN-Pos	Parallel(68mode)
LM6059BCW-1	FSTN-Pos	Serial

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

*The above product information is based on this model.