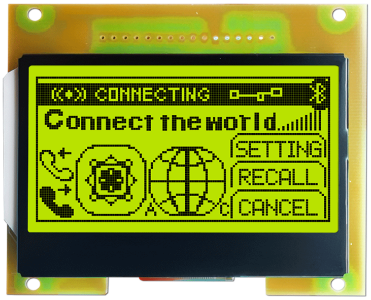
HTM12864-8G Series

Display Feature

Item	Value
Structure	COB With Metal Frame
LCD Display Mode	STN-YG, Positive, Transmissive
Viewing Angle	6H
Driving Method	1/64 duty, 1/9 bias
Backlight	Green LED Backlight
Control/Driver IC	S6B0724



Mechanical Data

Item	Value
Outline	80.0 x 70.0 x 11.3Max.
Viewing Area	65.6 x 38.0
Active Area	60.775 x 32.935
Dot Pitch	0.475 x 0.515
Dot Size	0.45 x 0.49

★ **Various LCD Type Available**

★ **Various Backlight Color Available**

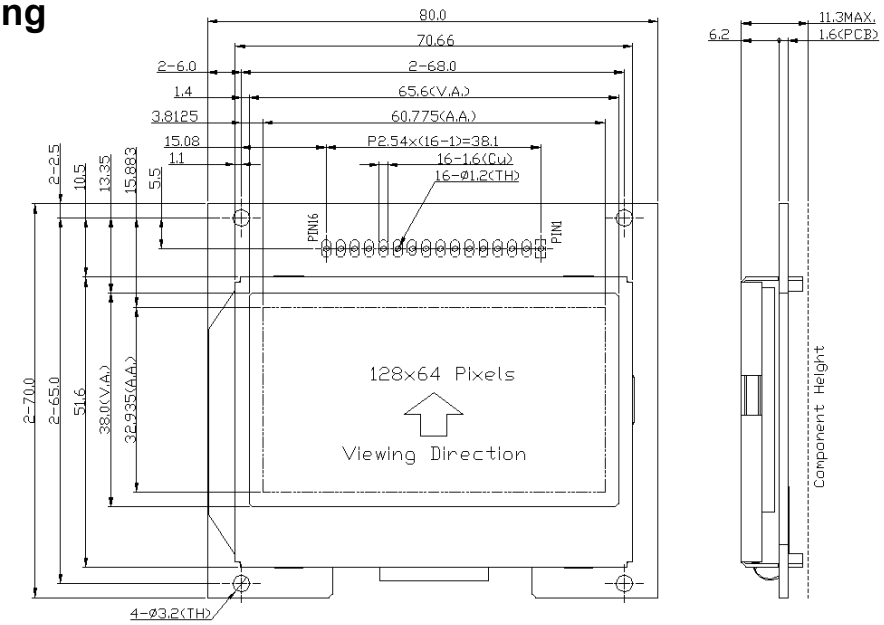
Terminal Function

No.	Pin Name	Descriptions
1	D/C	Register Select
2	/RD	Read signal
3	/WR	Write signal
4	RET	Reset Signal
5	/CS	Chip enable
6	VSS	Power Supply, (0V)
7	BLA	Backlight Power Supply +
8	VDD	Positive Power Supply
9~16	D0~D7	Data bus lines

Absolute Maximum

Item	MIN.	MAX.
Operating Voltage(V)	0	3.3
Operating Temperature(℃)	-10	+60
Storage Temperature(℃)	-20	+70

Electrical Characteristics

Item	Symbol	MIN.	TYP.	MAX
Operating Voltage(V)	V_{DD}	2.7	3.0	3.3
Input High Voltage(V)	V_{IH}	0.8V_{DD}	-	V_{DD}
Input Low Voltage(V)	V_{IL}	Vss	-	0.5
Operating Current(mA)	I_{DD}	-	3.0	5.0
Forward Voltage(V)	V_f BL	-	3.0	-
Forward Current(mA)	I_f BL	-	30	40

Outline Drawing