

Mechanical Data

Item	Standard Value	Unit
Module Dimension	184.0x65.0	mm
Viewing Area	133.0x39.0	mm
Dot Size	0.49x0.49	mm
Dot Pitch	0.53x0.53	mm
Mounting hole	176.0x54.0	mm

Absolute Maximum Rating

Item	Symbol	Standard Value			Unit
		min.	typ.	max.	
Power Supply	VDD-VSS	-0.3	---	5.0	V
Input Voltage	VI	0	---	VDD	V

Electronical Characteristics

Item	Symbol	Condition	Standard Value			Unit
			min.	typ.	max.	
Input Voltage	VDD	---	---	3.3	---	V
Supply Current	IDD	VDD=3.3V	---	1.4	---	mA
Recommended LC Driving Voltage for Normal Temp. Version module	VDD-VO	-20°C	---	---	---	V
		25°C	---	9.66	---	
		70°C	---	---	---	
LED Forward Voltage	VF	25°C	3.2	3.3	3.4	V
LED Forward Current	IF	25°C	70.0	85.0	95.0	mA
EL Power Supply Current	IEF	Vel=110VAC;400Hz	---	---	5.0	mA

Feature

1. Built-in controller ST7565P
2. +3.3V power supply
3. 1/64 duty cycle
4. Built-in NV.
5. Only promote LED white

Pin NO.	Symbol	Function
1	Vss	Ground
2	Vdd	Supply Voltage for logic
3	Vo	Contrast Adjustment
4	A0	H: DATA L: Instruction
5	R/W	H: Read L: Write
6	E	Chip enable signal
7	DB0	Data bus line
8	DB1	Data bus line
9	DB2	Data bus line
10	DB3	Data bus line
11	DB4	Data bus line
12	DB5	Data bus line
13	DB6	Data bus line
14	DB7	Data bus line
15	CS1	Chip select signal U1
16	CS2	Chip select signal U2
17	/RES	L: reset signal
18	80/68	C86=HIGH:6800 Series MPU interface C86=LOW:8080 MPU interface
19	A	B/L Power supply(+)
20	K	B/L Power supply(-)

TAB
type

RT24064A1 TAB 240x64 dots

Dimension drawing

