

Mechanical Data

Item	Standard Value	Unit
Module dimension	92.0 x 106.0	mm
Viewing area	73.0 x 73.0	mm
Mounting hole	86.0 x 100.0	mm
Dot Size	0.5 x 0.5	mm
Dot Pitch	0.55 x 0.55	mm

Absolute Maximum Rating

Item	Symbol	Standard Value			Unit
		min.	typ.	max.	
Power Supply	VDD-VSS	4.75	5.0	5.25	V
Input Voltage	VI	0	--	VDD	V

Note: VSS=0 Volt, VDD=5.0 Volt.

Electrical Characteristics

Item	Symbol	Condition	Standard Value			Unit
			min.	typ.	max.	
Input Voltage	VDD-VSS	-	4.5	5.0	5.5	V
Supply Current	IDD	VDD=5V	4.5	5.8	7.0	mA
Recommended LC Driving Voltage for Normal Temp. Version module	VDD-VSS	-20°C	-	-	-	V
		25°C	16.36	16.8	17.12	
		+70°C	-	-	-	
LED Forward Voltage	VF	25°C	4.9	5.0	5.1	V
LED Forward Current	IF	25°C	86.4	96	150	mA

Feature

1. 128x128 dots includes cursor
2. Built-in controller RA6963
3. + 5V power supply
4. 1/128 duty cycle

Pin No	Symbol	Description
1	Vo	Power supply for LCD driver
2	Vss	Ground
3	Vdd	Power supply for logic
4	Vee	Negative Voltage Output
5	/WR	Data write. Write data into T6963C when /WR = L
6	/RD	Data read. Read data from T6963C when RD = L
7	/CE	Chip enable the controller T6963C
8	C/D	WR=L, C/D=H : Command Write C/D=L: Data write RD=L, C/D=H : Status Read C/D=L: Data read
9	/RST	Reset signal
10	DB0	Data bus line
11	DB1	Data bus line
12	DB2	Data bus line
13	DB3	Data bus line
14	DB4	Data bus line
15	DB5	Data bus line
16	DB6	Data bus line
17	DB7	Data bus line
18	Fs	Pins for selection of font ; H : 6x8 , L : 8x8
19	A	LED +
20	K	LED -

Graphic type

RG128128H Graphic 128x128 dots

Dimension drawing

