

Mechanical Data

Item	Dimension	Unit
Module dimension	86.2 x 24.7	mm
Viewing area	72.3 x 11.84	mm
Active area	70.3 x 9.84	mm
Dot Size	0.45 x 0.54	mm
Dot Pitch	0.50 x 0.59	mm
Character size	2.45 x 4.67	mm
Character pitch	2.95 x 5.17	mm

Absolute Maximum Rating

Item	Symbol	Standard Value			Unit
		min.	typ.	max.	
Power Supply	VDD-VSS	--	3.0/5.0	--	V
Input Voltage	VI	0	--	VDD	V

Note: VSS=0 Volt, VDD=3.0/5.0 Volt.

Electronical Characteristics

Item	Symbol	Condition	Standard Value			Unit
			min.	typ.	max.	
Input Voltage	VDD-VSS	--	3.0	3.0/ 3.5	--	V
Supply Current	IDD	--	--	0.92/ 2.0 1	--	mA
Recommended LC Driving Voltage for Normal Temp. Version module	VDD-V0	-20°C	--	--	--	V
		25°C	--	4.5	--	V
		+70°C	--	--	--	V
LED Forward Voltage	VF	25°C	3.4	3.5	3.6	V
LED Forward Current	IF	25°C	43.2	48	75	mA

Feature

- 5x8 dots includes cursor
- Built-in controller RW1062
- 3V/5V power supply
- 1/17 duty cycle

Pin NO.	Symbol	Description
1	XRESET	Reset pin , Initialized to Low
2~6	V0~V4	Bias voltage level for LCD driving
7	D6(SID)	Serial input data
8	D7(SCLK)	Serial clock
9	VSS	GND
10	VDD	Power supply
11	VOUT	Voltage converter output voltage
12	CAP2N	External Capacitance input, To use the voltage converter (2 times/ 3times), these pins must be connected to the external capacitance.
13	CAP2P	
14	CAP1P	
15	CAP1N	
16	VR	Reference voltage input to generate V0

COG type

RX2402A COG 24x2 dots

Dimension drawing

