

Mechanical Data

Item	Standard Value	Unit
Module dimension	93.0 x 64.2	mm
Viewing area	78.5 x 47.5	mm
Mounting hole	91.7 x 55.0	mm
Dot Size	0.27 x 0.255	mm
Dot Pitch	0.29 x 0.275	mm

Absolute Maximum Rating

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

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

Electronical Characteristics

Item	Symbol	Condition	Standard Value			Unit
			min.	typ.	max.	
Input Voltage	VDD-VSS	-	3.0	3.3	3.6	V
Supply Current	IDD	VDD=3.3V	-	4.8	4.1	mA
Recommended LC Driving Voltage for Normal Temp. Version module	VDD-V0	-20°C	-	-	-	V
		25°C	-	14.5	-	
		+70°C	-	-	-	
LED Forward Voltage	VF	25°C	3.3	3.5	3.7	V
LED Forward Current	IF	25°C	-	96	-	mA

Feature

1. 240x160 dots includes cursor
2. Built-in controller ST7529
3. +3.3V power supply
4. 1/160 duty cycle

Pin NO	Symbol	Description
1	VDD	Power supply (+3.3V)
2	VSS	Ground
3	/CS	Chip select input pins
4	RS	H/L Register select signal
5	/WR	Read / Write execution control pin
		8080-series /WR Write enable clock input pin The data on DB15 are latched at the rising edge of the /WR signal.
6	/RD	Read / Write execution control pin
		8080-series /WR Read enable clock input pin When /RD is "L", DB0 to DB15 are in an output status.
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	/RST	Reset input pin
		When RST is "L", initialization is executed.
16	BLA	Backlight Positive Power Supply

COG type

RX240160A COG 240x160 dots

Dimension drawing

