Mechanical Data

Item	Standard Value	Unit
Module Dimension	140x82	mm
Viewing Area	114x64	mm
Dot Size	0.43x0.43	mm
Dot Pitch	0.45x0.45	mm
Mounting hole	137.0x74.5	mm

Absolute Maximum Rating

Item	Symbol	Standard Value			Unit
		min.	typ.	max.	
Power Supply	VDD-VSS	4.75	5	5.25	V
Input Voltage	VI	0.3	---	VDD	V

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

Electronical Characteristics

Item	Symbol	Condition	Standard Value			Unit
			min.	typ.	max.	
Input Voltage	VDD	L level	$0.7V_{DD}$	---	V_{DD}	V
	VIO	H level	---	---	$0.3V_{DD}$	V
Supply Current	IDD	VDD=5V	0	45	50	mA
Recommended LC Driving Voltage for Normal Temp. Version module	VDD-Vo	-20°C	---	---	---	V
		0°C	20.3	21.4	22.5	
		25°C	18.0	19.2	20.2	
		50°C	17.8	18.9	20.0	
		70°C	---	---	---	
LED Forward Voltage	VF	25°C	---	4.2	---	V
LED Forward Current	IF	25°C	---	920	1800	mA
CCFL	VF	25°C	---	250	590	V
	IF	25°C	---	---	5.5	mA
EL	IEL	Vel=110VAC;400Hz	---	---	5.0	mA

Feature

1.Built-in controller RA8806
2.+5V power supply (+3.3V option)
3.1/128 duty cycle
4.Built-in N/V
5.Chinese Version

Pin NO.	Symbol	Function
1	VSS	GND
2	VDD	Power supply for logic
3	Vo	Operating voltage LCD driving
4	C/$\overline{D}$	Command/data read/write
5	$\overline{RD}$	Enable/Read Enable
6	$\overline{WR}$	Write/Read - Write
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	$\overline{CS}$	chip select
16	RES	Reset
17	VEE	Negative Voltage output
18	Busy	Busy Signal Output
19	INT	Interrupt Signal Output
20	A	Power supply for B/L +

Graphic type

RG240128F Graphic 240x128 dots

Dimension drawing