Mechanical Data

Item	Standard Value	Unit
Module Dimension	38.0x62.52	mm
Viewing Area	29.58x17.98	mm
Dot size	0.18x0.23	mm
Dot Pitch	0.2x0.25	mm

Absolute Maximum Rating

Item	Symbol	Standard Value			Unit
		min.	typ.	max.	
Power Supply	VDD-VSS	3.0	---	5.0	V
Input Voltage	VI	-0.3	---	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	0.8VDD	---	VDD	V
	VIO	H level	---	---	---	V
Supply Current	IDD	VDD= +5V	---	---	---	mA
Recommended LC Driving Voltage for Normal Temp. Version module	VDD-V0	-20°C	---	---	10.5	V
		0°C	---	---	---	
		25°C	---	9.0	---	
		50°C	7.0	---	---	
		70°C	---	---	---	
LED Forward Voltage	VF	25°C	---	---	---	V
LED Forward Current	IF	25°C	---	---	---	mA
CCFL	VF	25°C	---	---	---	Vms
	IF	25°C	---	---	---	mA
EL	IEL	Vel=110vac;400Hz	---	---	---	mA

Feature

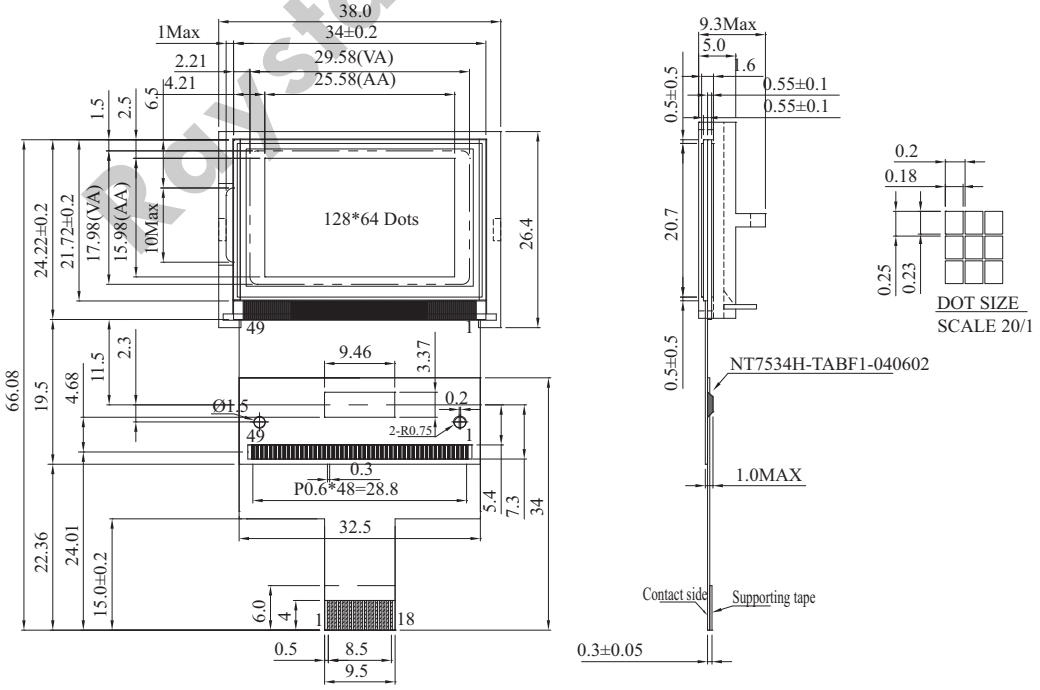
1. Built-in controller Neotec (NT7534)
2. 1/64 duty cycle
3. +3.3V power supply only

Pin NO.	Symbol	Function
1	VDD	Power supply for logic
2	VSS	GND
3	CS1B	chip select input pin
4	CS2	chip select input pin
5	RES	Reset
6	A0	H/L:data/command select signal
7	R/W	H/L Read/Write signal
8	E	H→L Enable signal
9	DB0	Data bus line
10	DB1	Data bus line
11	DB2	Data bus line
12	DB3	Data bus line
13	DB4	Data bus line
14	DB5	Data bus line
15	DB6	Data bus line
16	DB7	Data bus line
17	C86	H:6800-series L:8080-series
18	P/S	H:Parallel L:serial

TAB type

RT12864E1 TAB 128x64 dots

Dimension drawing



The non-specified tolerance of dimension is ±0.2 mm .