

Mechanical Data

Item	Standard Value	Unit
Module Dimension	38.0x26.4	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	2.4	---	5.5	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	0.8V _{DD}	---	V _{DD}	V
	VIO	H level	---	---	---	V
Supply Current	IDD	VDD=5V	---	---	---	mA
Recommended LC Driving Voltage for Normal Temp. Version module	VDD-V0	-20°C	9.5	10	10.5	V
		0°C	9.3	9.8	10.3	
		25°C	8.5	9.0	9.5	
		50°C	7.0	7.5	8.0	
		70°C	6.8	7.3	7.8	
LED Forward Voltage	VF	25°C	---	---	---	V
LED Forward Current	IF	25°C	---	---	---	mA

Feature

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

Pin NO.	Symbol	Pin NO.	Symbol	Pin NO.	Symbol
1	NC	19	C1-	37	/WR
2	IRS	20	C3+	38	A0
3	/HPM	21	NC	39	/RES
4	P/S	22	VOUT	40	CS2
5	C86	23	VSS	41	/CS1
6	CLS	24	VDD2	42	NC
7	M/S	25	VDD	43	/DOF
8	VR	26	DUTY1	44	CF
9	V0	27	DUTY0	45	FR
10	V4	28	D7	46	NC
11	V3	29	D6	47	NC
12	V2	30	D5	48	NC
13	V1	31	D4	49	NC
14	NC	32	D3		
15	NC	33	D2		
16	C2-	34	D1		
17	C2+	35	D0		
18	C1+	36	/RD		

TAB type

RT12864E TAB 128x64 dots

Dimension drawing

