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SPECIFICATION

CUSTOMER ： _____

MODULE NO.: WF70-800480H8#000-FC

General Specification

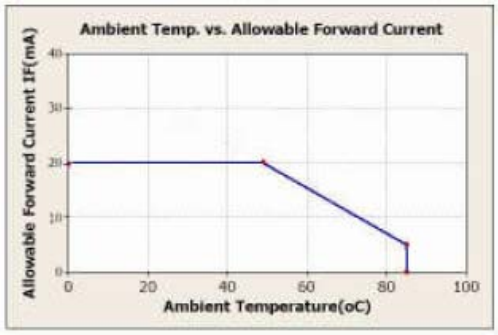
Item	Dimension	Unit
Dot Matrix	800 x RGB x 480(TFT)	dots
Module dimension	165.0(W) x 104.8(H) x 5.2(D)	mm
Active area	152.4 x 91.44	mm
Dot pitch	0.0635x0.1905	mm
LCD type	TFT, Negative, Transmissive	
View Direction	12 o'clock	
Gray Scale Inversion Direction	6 o'clock	
Backlight Type	LED,Normally White	

Absolute Maximum Ratings

Item	Symbol	Min	Typ	Max	Unit
Operating Temperature	T_{OP}	-20	—	+70	℃
Storage Temperature	T_{ST}	-30	—	+80	℃

Note: Device is subject to be damaged permanently if stresses beyond those absolute maximum ratings listed above

1. Temp. ≦60^{0}C, 90% RH MAX. Temp. ＞ 60^{0}C , Absolute humidity shall be less than 90% RH at 60^{0}C



Electrical Characteristics

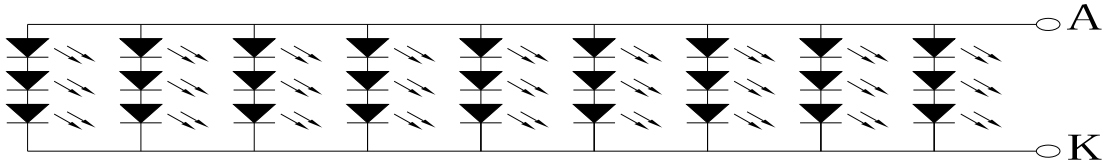
Operating conditions:

Item	Symbol	Condition	Min	Typ	Max	Unit
Supply Voltage For Logic	VCC	—	3.0	3.3	3.6	V

LED driving conditions

Parameter	Symbol	Min.	Typ.	Max.	Unit	Remark
LED current		-	180	-	mA	
Power Consumption			1746	1890	mW	
LED voltage	VBL+	9.0	-	10.5	V	Note 1
LED Life Time		-	50,000	-	Hr	Note 2,3,4

Note 1 : There are 1 Groups LED



Backlight LED Circuit

Note 2 : Ta = 25 ℃

Note 3 : Brightess to be decreased to 50% of the initial value

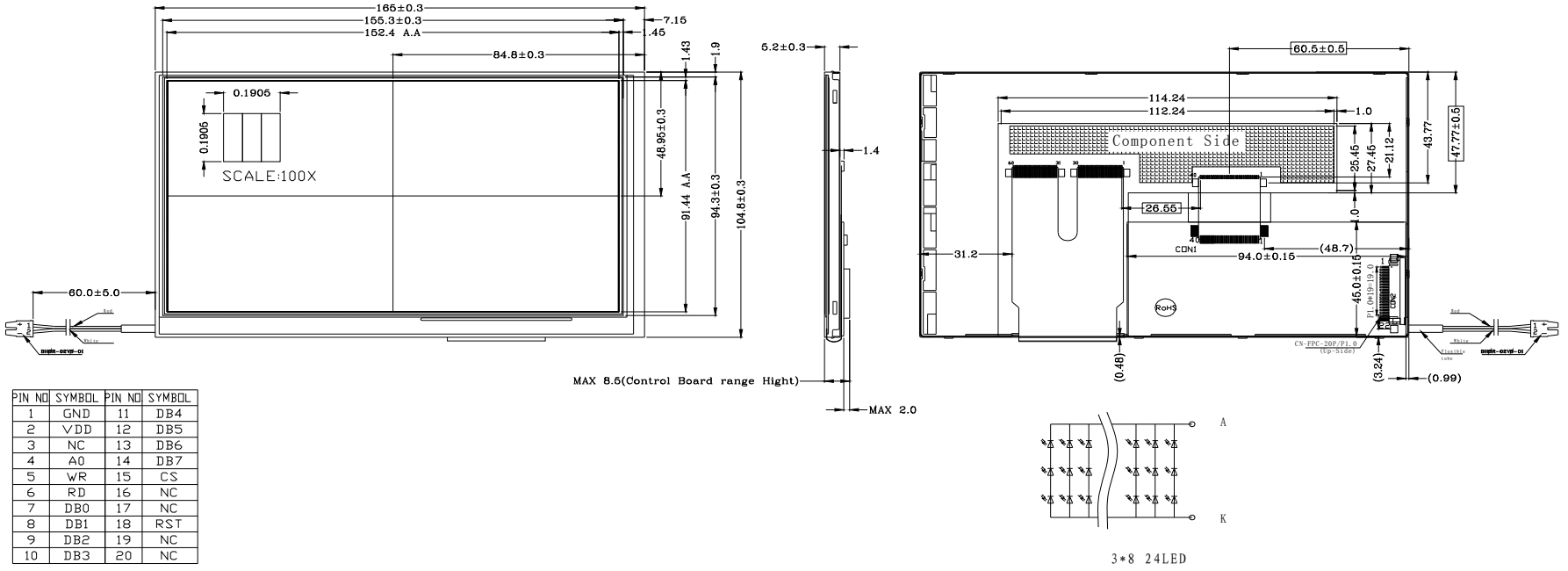
Note 4 : The single LED lamp case

Interface

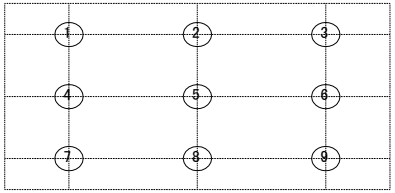
LCM PIN Definition

Pin	Symbol	I/O	Function	Remark
1	GND		Power Ground	
2	VDD		Power Supply : +3.3V	
3	NC		No connect	
4	A0		display data	
5	WR		Write strobe signal	
6	RD		Read strobe signal	
7	DB0		Data bus	
8	DB1		Data bus	
9	DB2		Data bus	
10	DB3		Data bus	
11	DB4		Data bus	
12	DB5		Data bus	
13	DB6		Data bus	
14	DB7		Data bus	
15	CS		Chip select	
16	NC		No connect	
17	NC		No connect	
18	RST		Hardware reset	
19	NC		No connect	
20	NC		No connect	

Contour Drawing



PIN NO	SYMBOL	PIN NO	SYMBOL
1	GND	11	DB4
2	VDD	12	DB5
3	NC	13	DB6
4	A0	14	DB7
5	WR	15	CS
6	RD	16	NC
7	DB0	17	NC
8	DB1	18	RST
9	DB2	19	NC
10	DB3	20	NC



□ 重要尺寸!

The non-specified tolerance of dimension is ±0.3mm.