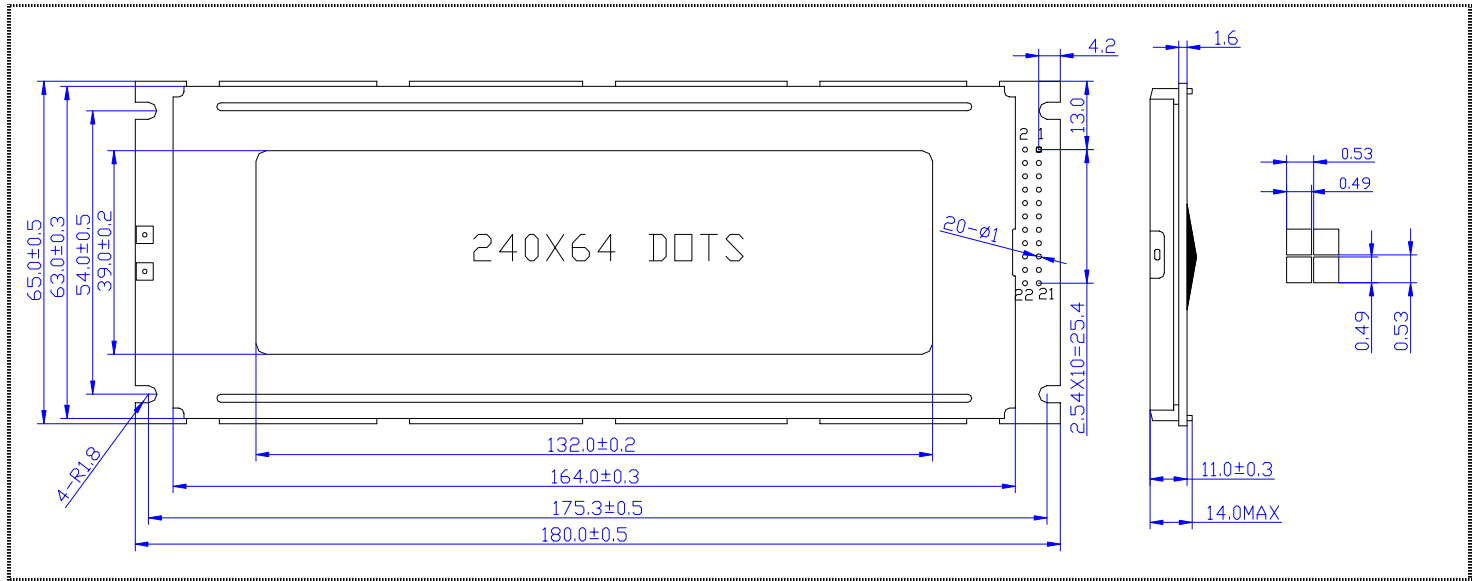


# HF24064B

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MECHANICAL DATA		
Item	Nominal Dimensions	Unit
Module Size(W×H×T)	180.0 × 65.0 × 14.0	mm
Viewing Area(W×H)	132.0 × 39.0	mm
Dot Pitch(W×H)	0.53 × 0.53	mm
Dot Size(W×H)	0.49 × 0.49	mm

PIN CONNECTIONS			
PIN	Symbol	Level	Function
1	GND	—	GND(0V)
2	GND	—	GND(0V)
3	VDD	—	Supply Voltage for Logic(+5V)
4	V0	—	Power Supply for LCD
5	WR	L	Command and data write signal
6	RD	L	Data and status read signal
7	CE	L	Chip enable signal
8	CD	H/L	H:Command; L:Data
9	NC	—	NO Connect
10	RES	L	Reset Signal (Active LOW )
11	DB0	H/L	Data Bus Line
12	DB1	H/L	
13	DB2	H/L	
14	DB3	H/L	
15	DB4	H/L	
16	DB5	H/L	
17	DB6	H/L	
18	DB7	H/L	
19	FS	H/L	Selection of font. H: 6×8; L: 8×8
20	VEE	—	Negative Voltage to LCD
21	LEDA	—	Backlight Power (+5V)
22	LEDK	—	Backlight Power (+0V)

ABSOLUTE MAXIMUM RATINGS					
Item	Symbol	Min	Type	Max	Unit
Operating Voltage	VDD	4.5	5.0	5.5	V
Operating Current	IDD	36	54	70	mA
LED Voltage	V <sub>LED</sub>	4.5	5.0	5.5	V
LED Current	I <sub>LED</sub>	300	500	680	mA
Operating Temp.	T <sub>opr</sub>	-10	—	+55	
Storage Temp.	T <sub>sto</sub>	-20	—	+65	

ELECTRICAL CHARACTERISTICS					
Item	Symbol	Min	Type	Max	Unit
Input Hight Voltage	V <sub>IH</sub>	VDD-2.2	—	VDD	V
Input Low Voltage	V <sub>IL</sub>	0	—	0.8	V
Output Hight Voltage	V <sub>OH</sub>	VDD-0.3	—	VDD	V
Output Low Voltage	V <sub>OL</sub>	0	—	0.3	V

