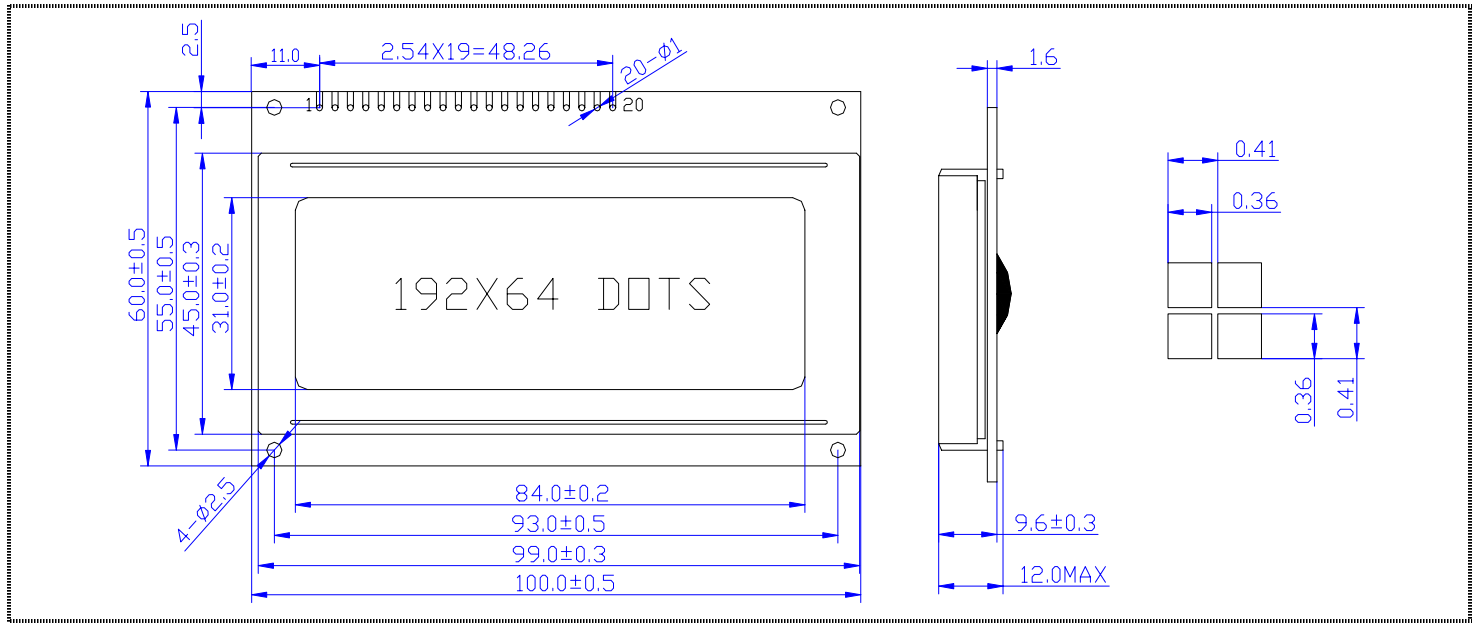


# HF19264-7.2

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MECHANICAL DATA		
Item	Nominal Dimensions	Unit
Module Size(W×H×T)	100.0 × 60.0 × 12.0	mm
Viewing Area(W×H)	84.0 × 31.0	mm
Dot Pitch(W×H)	0.41 × 0.41	mm
Dot Size(W×H)	0.36 × 0.36	mm

PIN CONNECTIONS			
PIN	Symbol	Level	Function
1	DB7	H/L	Data Bus Line
2	DB6	H/L	
3	DB5	H/L	
4	DB4	H/L	
5	DB3	H/L	
6	DB2	H/L	
7	DB1	H/L	
8	DB0	H/L	
9	E	H/L	Enable signal
10	R/W	H/L	H: Read; L: Write
11	RS	H/L	H: Data ; L: Instruction Code
12	V0	—	Power Supply for LCD
13	VDD	—	Supply Voltage for Logic(+5V)
14	VSS	—	GND(0V)
15	CSA	H/L	Chip Selection: CSA=0,CSB=0:U2;
16	CSB	H/L	CSA=1,CSB=0:U3; CSA=0,CSB=1:U4
17	VOUT	—	Negative Voltage to LCD
18	/RST	L	Reset Signal (Active LOW )
19	LED+	—	Backlight Power (+5V)
20	LED-	—	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	4.5	4.9	5.5	mA
LED Voltage	V <sub>LED</sub>	4.5	5.0	5.5	V
LED Current	I <sub>LED</sub>	80	120	150	mA
Operating Temp.	Topr	-20	—	+70	
Storage Temp.	Tsto	-30	—	+80	

ELECTRICAL CHARACTERISTICS					
Item	Symbol	Min	Type	Max	Unit
Input Hight Voltage	V <sub>IH</sub>	0.7VDD	—	VDD	V
Input Low Voltage	V <sub>IL</sub>	0	—	0.3VDD	V
Output Hight Voltage	V <sub>OH</sub>	2.4	—	VDD	V
Output Low Voltage	V <sub>OL</sub>	0	—	0.4	V

