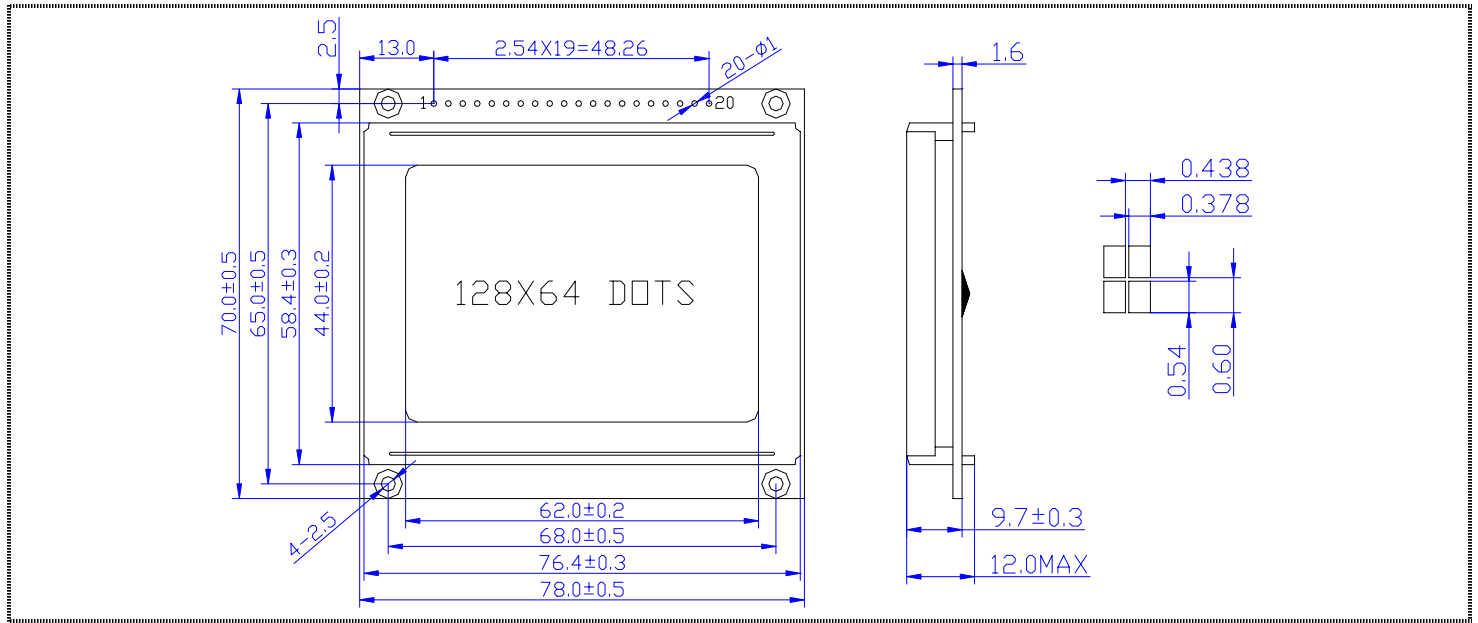


HF12864-3

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MECHANICAL DATA		
Item	Nominal Dimensions	Unit
Module Size(W×H×T)	78.0 × 70.0 × 12.0	mm
Viewing Area(W×H)	62.0 × 44.0	mm
Dot Pitch(W×H)	0.438 × 0.60	mm
Dot Size(W×H)	0.378 × 0.54	mm

PIN CONNECTIONS			
PIN	Symbol	Level	Function
1	/CS1	L	L:Chip Selection For Left Screen
2	/CS2	L	L:Chip Selection For Right Screen
3	GND	—	GND(0V)
4	VDD	—	Supply Voltage for Logic(+5V)
5	V0	—	Power Supply for LCD
6	D/I	H/L	H: Data ; L: Instruction Code
7	R/W	H/L	H: Read; L: Write
8	E	H/L	Enable signal
9	D0	H/L	Data Bus Line
10	D1	H/L	
11	D2	H/L	
12	D3	H/L	
13	D4	H/L	
14	D5	H/L	
15	D6	H/L	
16	D7	H/L	
17	RET	L	Reset Signal (Active LOW)
18	VEE	—	Negative Voltage to LCD
19	LEDA	—	Backlight Power (+5V)
20	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	11.9	13.0	14.0	mA
LED Voltage	V _{LED}	4.5	5.0	5.5	V
LED Current	I _{LED}	75	113	140	mA
Operating Temp.	T _{opr}	-20	—	+70	
Storage Temp.	T _{sto}	-30	—	+80	

ELECTRICAL CHARACTERISTICS					
Item	Symbol	Min	Type	Max	Unit
Input Hight Voltage	V _{IH}	0.7VDD	—	VDD	V
Input Low Voltage	V _{IL}	0	—	0.3VDD	V
Output Hight Voltage	V _{OH}	2.4	—	VDD	V
Output Low Voltage	V _{OL}	0	—	0.4	V

