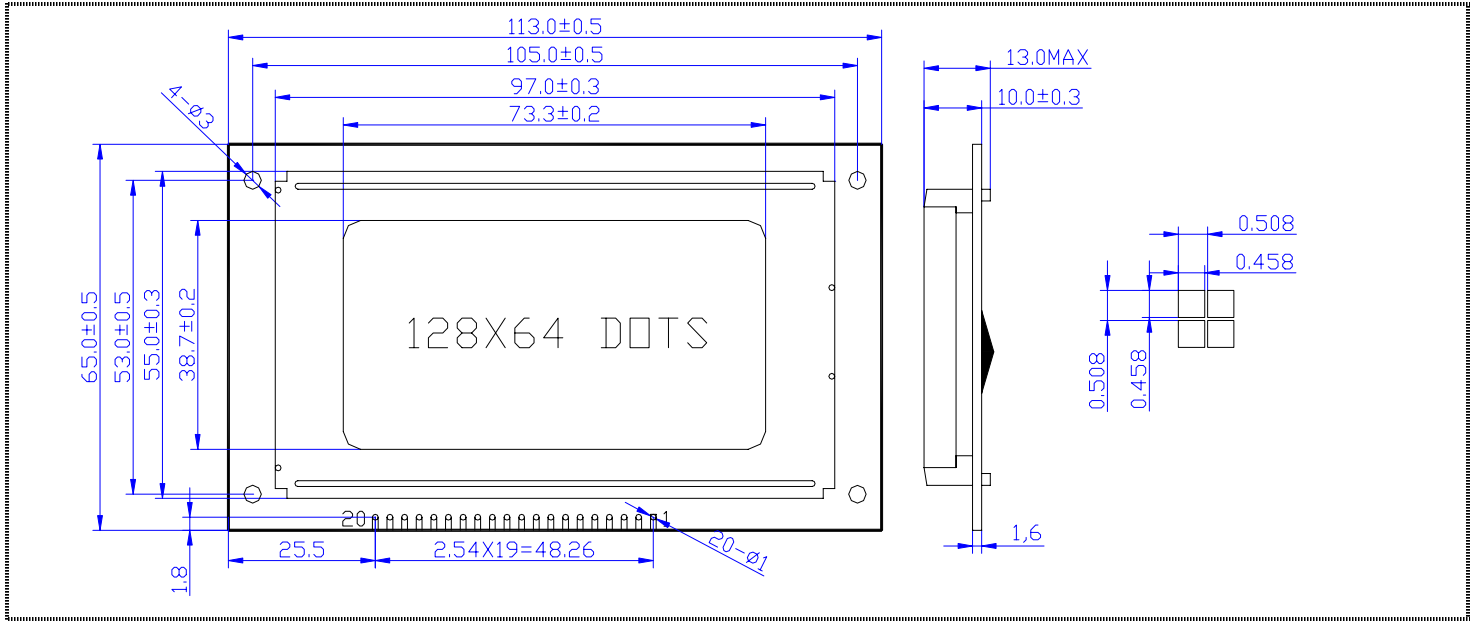


HF12864-1

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MECHANICAL DATA		
Item	Nominal Dimensions	Unit
Module Size(W×H×T)	113.0 × 65.0 × 13.0	mm
Viewing Area(W×H)	73.3 × 38.7	mm
Dot Pitch(W×H)	0.508 × 0.508	mm
Dot Size(W×H)	0.458 × 0.458	mm

PIN CONNECTIONS			
PIN	Symbol	Level	Function
1	VSS	—	GND(0V)
2	VDD	—	Supply Voltage for Logic(+5V)
3	V0	—	Power Supply for LCD
4	RS	H/L	H: Data ; L: Instruction Code
5	R/W	H/L	H: Read; L: Write
6	E	H/L	Enable signal
7	DB0	H/L	Data Bus Line
8	DB1	H/L	
9	DB2	H/L	
10	DB3	H/L	
11	DB4	H/L	
12	DB5	H/L	
13	DB6	H/L	
14	DB7	H/L	
15	CS1	H	H:Chip Selection For Left Screen
16	CS2	H	H:Chip Selection For Right Screen
17	REST	L	Reset Signal (Active LOW)
18	VOUT	—	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	4.3	4.5	5.0	mA
LED Voltage	V _{LED}	4.5	5.0	5.5	V
LED Current	I _{LED}	90	140	200	mA
Operating Temp.	T _{opr}	-25	—	+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

