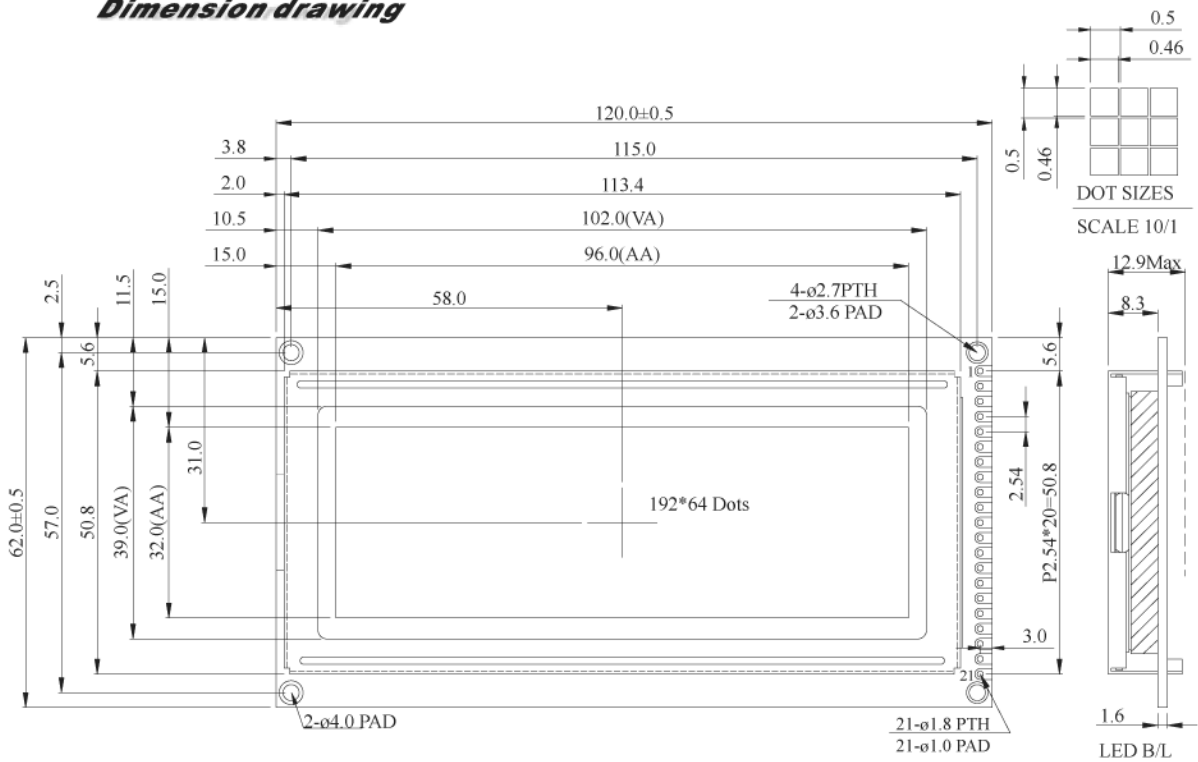


WG19264D Graphic 192x64 dots

Dimension drawing



Graphic type

Feature

1. Built-in controller Samsung-(KS0107,KS0108 or Equivalent)
2. +5V power supply
3. 1/64 duty cycle
4. Optional N/V

P _{in}	NO.	Symbol	Function
1	V _{ss}	GND	
2	V _{dd}	Power Supply	
3	V _o	Contrast Adjustment	
4	V _{ee}	Negative Voltage output	
5	RS	H: Data L: Instruction	
6	R _W	H: D0~D7 are display date H: D0~D7 are display control date	
7	E	Chip enable signal	
8	DB0	Data bus line	
9	DB1	Data bus line	
10	DB2	Data bus line	
11	DB3	Data bus line	
12	DB4	Data bus line	
13	DB5	Data bus line	
14	DB6	Data bus line	
15	DB7	Data bus line	
16	CS1	Enable chip1	
17	CS2	Enable chip2	
18	CS3	Enable chip3	
19	RES	L: reset the LCM	
20	A	+2.1V for LED	
21	K	Power supply for B/L(OV)	

Mechanical Data

Item	Standard Value	Unit
Module Dimension	120.0x62.0x14.0	mm
Viewing Area	102.0x39.0	mm
Dot Pitch	0.50x0.50	mm
Dot Size	0.46x0.46	mm

Absolute Maximum Rating

Item	Symbol	Standard Value			Unit
		min.	typ.	max.	
Power Supply	VDD-VSS	---	5.0	---	V
Input Voltage	V _I	---	5.0	VDD	V

Note: VSS=0 Volt, VDD=5.0 Volt.

Electronical Characteristics

Item	Symbol	Condition	Standard Value			Unit
			min.	typ.	max.	
Input Voltage	VDD	---	---	5.0	---	V
Supply Current	IDD	---	---	8.0	---	mA
Recommended LC Driving Voltage for Normal Temp. Version module	VDD-V _O	---	---	8.35	---	V
LED Forward Voltage (LED Y-G Array)	V _{LED}	---	---	4.2	---	V
LED Forward Current (LED Y-G Array)	I _F	---	---	180.0	---	mA