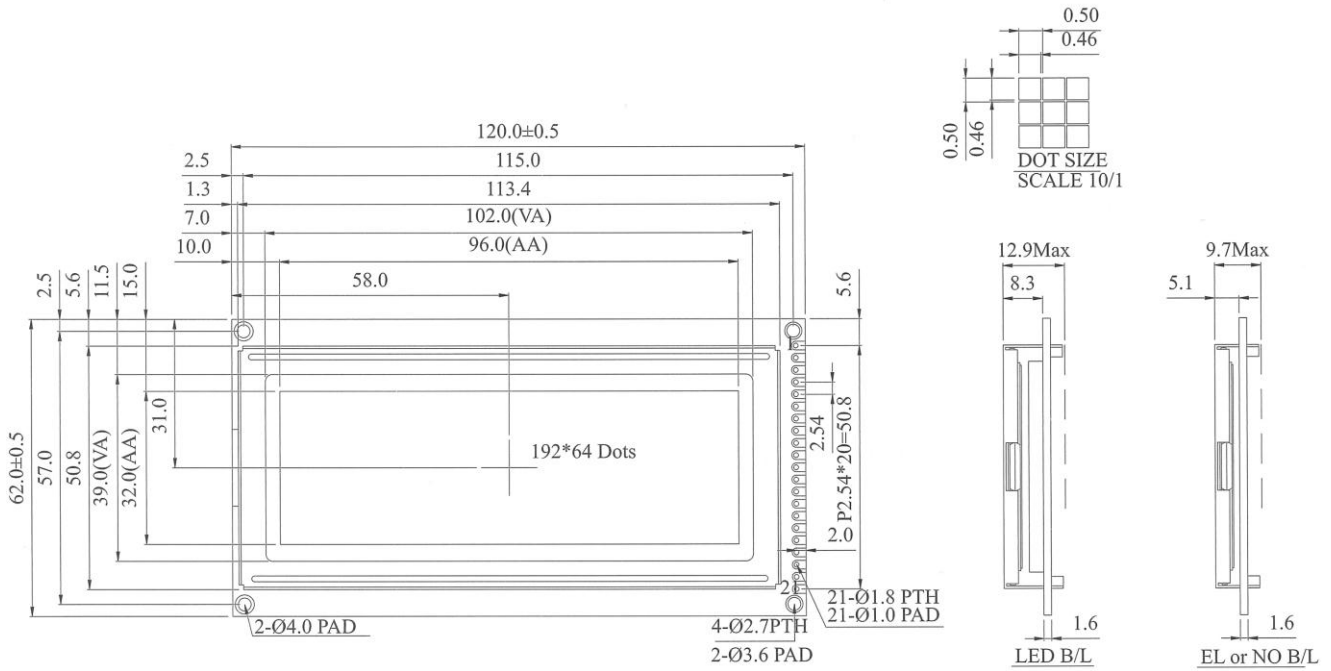


MSG19264D

Graphic 192x64 dots

GMS.

■ ■ ■ DISPLAY SYSTEMS



Feature		
1. Built-in controller (NT7108 or equivalent)		
2. +5V Power supply		
3. 1/64 duty cycle		
4. Optional N/V		
Pin	Symbol	Function
1	Vss	GND
2	Vdd	Power supply for logic
3	Vo	Operating Voltage LCD driving
4	VEE	Negative Voltage output
5	RS	H: Data / L: Instruction
6	R/ \bar{W}	H: read data / L: write data
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	Chip select IC1
17	CS2	Chip select IC2
18	CS3	Chip select IC3
19	RES	L: reset the LCM
20	A	Power supply for B/L (+)
21	K	Power supply for B/L (-)

Mechanical Data					
Item	Standard Value	Unit			
Module Dimension	120.0 x 62.0	mm			
Viewing Area	102.0 x 39.0	mm			
Dot Size	0.46 x 0.46	mm			
Dot Pitch	0.50 x 0.50	mm			
Absolute Maximum Rating					
Item	Symbol	Standard Value		Unit	
		min	typ	max	
Power Supply	Vdd - Vss	---	5.0	---	V
Input Voltage	Vi	---	5.0	Vdd	V

Note: Vss=0 V, Vdd=5.0 V

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 Temperature Version module	Vo-Vss	-20°C	---	---	---	V
		25°C	---	8.35	---	
		70°C	---	---	---	

See Specification for Backlight information.

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