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# DISPLAY WX480320A

## General Specification

ITEM	STANDARD VALUE	UNIT
Number of Dots	480 ×320	
Module dimension	156.0×94.9×10.5(MAX)	mm
View area	120.2×81.8	mm
Active area	115.188×76.788	mm
Dot size	0.228×0.228	mm
Dot pitch	0.24×0.24	mm

## Electrical Characteristics

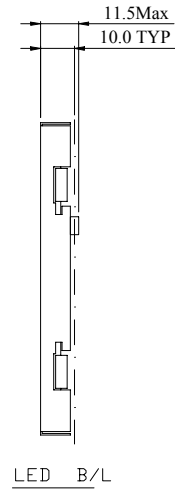
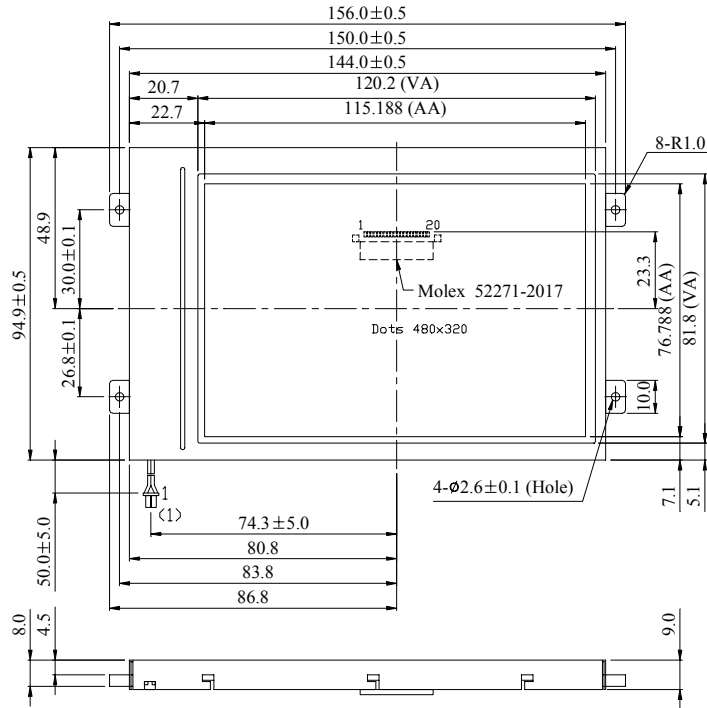
ITEM	SYMBOL	CONDITION	MIN.	TYP.	MAX.	UNIT
Supply Voltage For Logic	$V_{DD}-V_{SS}$	□	3.0	3.3	5.5	V
Supply Voltage For LCD	$V_{EE}-V_{SS}$	Ta=-20□	□	□	25.5	V
		Ta=25□	□	23.5	□	V
		Ta=70□	21.5	□	□	V
Input High Volt.	$V_{IH}$	□	0.7V <sub>DD</sub>	□		V
Input Low Volt.	$V_{IL}$	□	0	□	0.8	V
Output High Volt.	$V_{OH}$	□	2.4	□	$V_{DD}$	V
Output Low Volt.	$V_{OL}$	□	0	□	0.4	V
Supply Current	$I_{DD}$	$V_{DD}=5.0V$	□	6	20	mA
Supply Current	$I_{EE}$	$V_{DD}=5.0V$			2.0	mA



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# Contour Drawing & Block Diagram



PIN NO	SYMBOL
1	V <sub>SS</sub>
2	V <sub>SS</sub>
3	V <sub>DD</sub>
4	S
5	M (NC)
6	CP1
7	ENAB
8	CLK
9	D0
10	D1
11	D2
12	D3
13	D4
14	D5
15	D6
16	D7
17	V <sub>EE</sub>
18	V <sub>DD</sub>
19	V <sub>SS</sub>
20	V <sub>SS</sub>

(1) LED CONNECTOR  
PIN LAYOUT PHR-2 (JST)

PIN NO	
1	HOT
2	GND

