SPECIFICATION

MODULE NO.: WF104-1024768FL#000-FC

General Specifications

Item	Dimension	Unit
Size	10.4	inch
Dot Matrix	1024 x R.G.B. x 768	dots
Module dimension	236.0*176.9*5.7	mm
Active area	211.2 *158.4	mm
Dot pitch	0.20625 x 0.20625	mm
LCD type	TFT, Normally White, Transmissive	
Gray scale inversion direction	6 o'clock	
Backlight Type	LED, Normally White	
Interface	LVDS	
Touch Panel	Without Touch Panel	
Surface	Anti-Glare	

*Color tone slight changed by temperature and driving voltage.

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Absolute Maximum Ratings

Item	Symbol	Min	Typ	Max	Unit
Operating Temperature	TOP	-20	—	+70	℃
Storage Temperature	TST	-30	—	+80	℃

Electrical Characteristics

Item		Symbol	Min	Typ	Max	Units
LCD Drive Voltage (Logic)		VDD	3.0	3.3	3.6	V
VDD Current	Black Pattern	IDD	-	TBD	(0.25)	A
VDD Power Consumption	Black Pattern	PDD	-	-	(0.84)	W
Rush Current		Irush	-	-	1.5	A
Allowable Logic/LCD Drive Ripple Voltage		VDDrp	-	-	(200)	mV

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Interface

Signal Connector Type

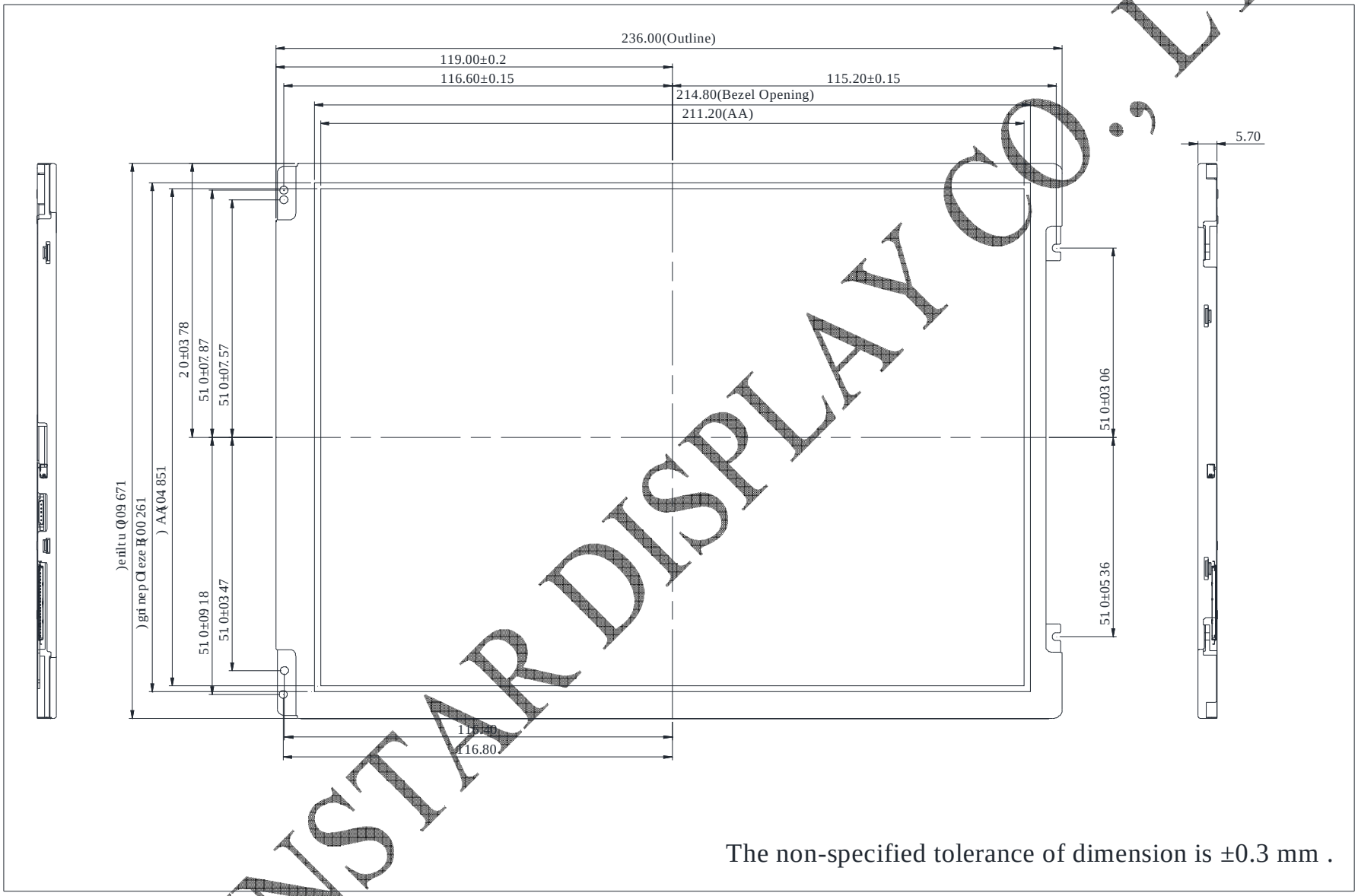
Item	Description
Type/Part Number	MSB24013P20HA (Manufacture by STM)
Mating Receptacle / Type (Reference)	P24013P20 or compatible

Signal Connector Pin Assignment

Pin No.	Symbol	Description
1	VDD	Power Supply, 3.3V (typical)
2	VDD	Power Supply, 3.3V (typical)
3	VSS	Ground
4	REV	Reverse Scan selection {High:2.5(min), 3.3(typ),3.6(max); Low: 0.5(max)}
5	Rin1-	-LVDS differential data input (R0-R5,G0)
6	Rin1+	+LVDS differential data input (R0-R5,G0)
7	VSS	Ground
8	Rin2-	-LVDS differential data input (G1-G5,B0-B1)
9	Rin2+	+LVDS differential data input (G1-G5,B0-B1)
10	VSS	Ground
11	Rin3-	-LVDS differential data input (B2-B5,HS,VS,DE)
12	Rin3+	+LVDS differential data input (B2-B5,HS,VS,DE)
13	VSS	Ground
14	CIkIN-	-LVDS differential clock input
15	CIkIN+	+LVDS differential clock input
16	GND	Ground
17	Rin4-	-LVDS differential data input (R6-R7,G6-G7,B6-B7)
18	Rin4+	+VDS differential data input (R6-R7,G6-G7,B6-B7)
19	SEL68	6/8 bits LVDS data input selection(H:8bits L/NC:6bits)
20	Bist	Internal use

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Contour Drawing



The non-specified tolerance of dimension is ±0.3 mm .

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CN2

PIN NO.	SYMBOL
1	VCC12V
2	GND
3	ON/OFF
4	Dimming
5	NC

CN1

PIN NO.	SYMBOL
1	VDD
2	VDD
3	VSS
4	REV
5	Rin1-
6	Rin1+
7	VSS
8	Rin2-
9	Rin2+
10	VSS
11	Rin3-
12	Rin3+
13	VSS
14	ClkIN-
15	ClkIN+
16	GND
17	Rin4-
18	Rin4+
19	SEL68
20	Bist

The non-specified tolerance of dimension is ±0.3 mm .

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