

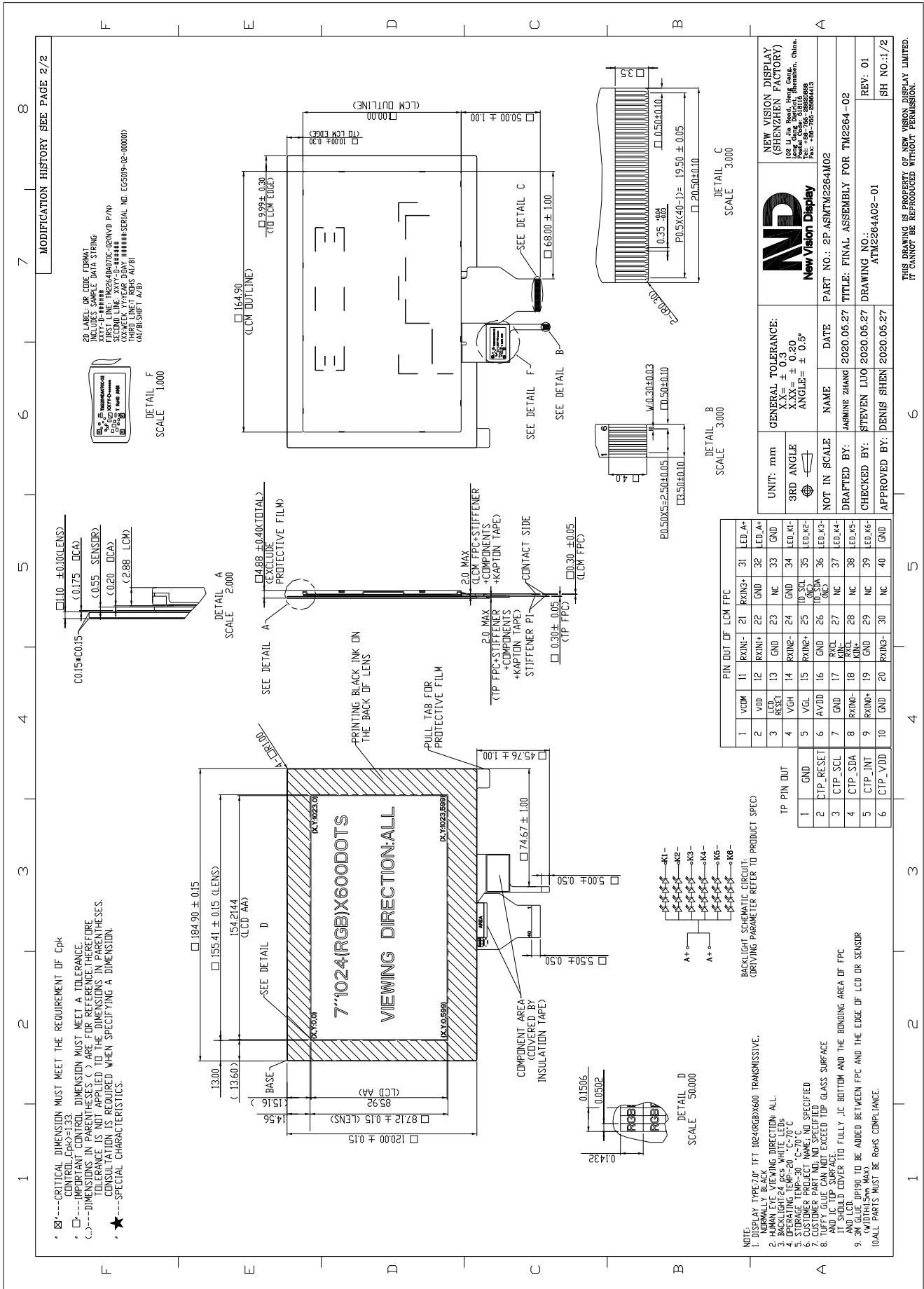
TFT PRODUCT SPECIFICATIONS	1024RGB x 600	16.7M Colors	7.0" Diagonal
-----------------------------------	----------------------	---------------------	----------------------

Part Number	TM2264DA070L-02
Overall Dimensions	184.90 (H) x 120.00(V) x 4.88(T)
Active Area	154.2144(H) x 85.92(V)
Resolution	1024 RGB (H) x 600 (V)
Pixel Size	0.1506 (H) x 0.1432(V) mm
Display Colors	16.7M
Display Mode	IPS/Transmissive /Normally Black
LCD Type	a-Si TFT
Contrast Ratio	800:1 (Typ)
Viewing Angles (CR≥10)	85°/85°/85°/85° (Left/Right/Top/Bottom)
View Direction	Viewing angle free
Brightness (I=120mA)	300cd/m ² (TYP.)
NTSC	50%
Driver IC	EK79001HE (Source&TCON)+ EK73215BCGA (Gate)
AVDD	9.6V
VDD	3.3V
VGH	18V
VGL	-6.0V
VCOM	3.2V(VCOM should be adjusted to make the flicker level be minimum.)
Interface	8bits LVDS
Backlight System	24 White LED,4 in series,6 in Parallel
Forward Voltage	12.4V(typ)
Forward Current	120mA (typ)

Touch Panel Parameter

Input Method	Bare or gloved finger or thick (8mm) conductive stylus
Number of simultaneous touches	5 point
Min. spacing between 2 touches	18mm
Positional Accuracy	±1.5mm at center; ±2mm at the edges
Minimum Touch Area	30mm ²
Minimum Touch Pressure	0N
Number of touches	>10 million over lifetime
Anti-glare surface	No
Optical Transmittance	>86%
Non-Linearity	≅ 3.0%
RoHS Compliance	Yes
Power Consumption	TBD(mW)
Interface to Host	≅ I2C
Response Time/Speed	15ms
I2C Address	0X4A
Touch controller	MXT336U-MAU
Operating Voltage	3.8V

The information contained herein is based upon typical data, New Vision Display makes no warranties expressed or implied as to its accuracy and assumes no liability arising out of its use by others. The user should determine suitability of New Vision Displays for each individual application.

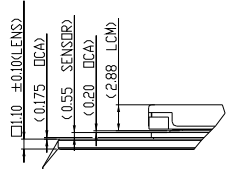


MODIFICATION HISTORY SEE PAGE 2/2

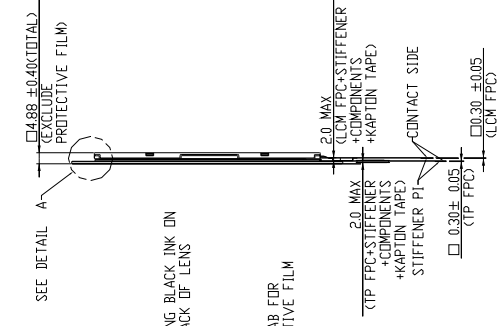
2D LABEL OR CODE FORMAT
INCLUDES SAMPLE DATA STRING
FIRST LINE: *****
SECOND LINE: XXX-YY-PP-NNNN
THIRD LINE: XXX-YY-PP-NNNN
FOURTH LINE: XXX-YY-PP-NNNN
FIFTH LINE: XXX-YY-PP-NNNN
SIXTH LINE: XXX-YY-PP-NNNN
SEVENTH LINE: XXX-YY-PP-NNNN
EIGHTH LINE: XXX-YY-PP-NNNN
NINTH LINE: XXX-YY-PP-NNNN
TENTH LINE: XXX-YY-PP-NNNN



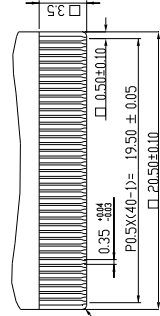
DETAIL F
SCALE 1.000



DETAIL A
SCALE 2.000

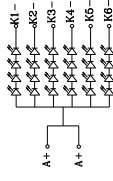


DETAIL B
SCALE 3.000



DETAIL C
SCALE 3.000

		PIN OUT OF LCM FPC													
1	VDD	11	RXIN+	21	RXIN+	31	LED-A+	1	GND	20	RXIN-	30	NC	40	GND
2	VDD	12	RXIN+	22	GND	32	LED-A+	2	CTP_RESET	21	RXIN-	31	NC	41	GND
3	LED	13	GND	23	NC	33	GND	3	CTP_SCL	22	RXIN-	32	NC	42	GND
4	VGH	14	RXIN-	24	GND	34	LED-K1	4	CTP_SDA	23	RXIN-	33	NC	43	GND
5	VGL	15	RXIN+	25	LED-K2	35	LED-K2	5	CTP_INT	24	RXIN-	34	NC	44	GND
6	AVDD	16	GND	26	LED-K3	36	LED-K3	6	CTP_VDD	25	RXIN+	35	NC	45	GND
7	GND	17	RXIN-	27	NC	37	LED-K4	7		26	RXIN+	36	NC	46	GND
8	RXIN-	18	RXIN-	28	NC	38	LED-K5	8		27	RXIN-	37	NC	47	GND
9	RXIN+	19	GND	29	NC	39	LED-K6	9		28	RXIN-	38	NC	48	GND
10	CTP_VDD	20	RXIN-	30	NC	40	GND	10		29	RXIN+	39	NC	49	GND



BACKLIGHT SCHEMATIC CIRCUIT
OPERATING PARAMETERS REFER TO PRODUCT SPEC

- NOTE:
1. DISPLAY TYPE: TFT 024RGBX600 TRANSMISSIVE.
2. HUMAN EYE VIEWING DIRECTION: ALL.
3. BACKLIGHT: 24 IPS WHITE LEDS
4. STRAIGHT TEMP: 30°C-70°C
5. STRAIGHT HUMIDITY: 30%-70%
6. CUSTOMER PART NO. NOT SPECIFIED
7. CUSTOMER PROJECT NAME, NOT SPECIFIED
8. IT SHOULD COVER TO FULLY JC BOTTOM AND THE BONDING AREA OF FPC AND LCD.
9. 3M GLUE DP490, IN THE EDGE OF LCD OR SENSOR
10. ALL PARTS MUST BE ROHS COMPLIANCE.

THIS DRAWING IS PROPERTY OF NEW VISION DISPLAY LIMITED.
IT CANNOT BE REPRODUCED WITHOUT PERMISSION.

DRAWING NO.:
ATM2264A02-01

DATE: 2020.05.27
NAME: JIAHUI ZHANG

DATE: 2020.05.27
NAME: JIAHUI ZHANG

DATE: 2020.05.27
NAME: JIAHUI ZHANG

DATE: 2020.05.27
NAME: JIAHUI ZHANG

DATE: 2020.05.27
NAME: JIAHUI ZHANG

DATE: 2020.05.27
NAME: JIAHUI ZHANG

REV: 01
SH NO.: 1/2

NEW VISION DISPLAY
(SHENZHEN FACTORY)
10/F, Building 1, Shenzhen
Luohu District, Shenzhen, China.
Tel: +86-755-28860818
Fax: +86-755-28864113

UNIT: mm
GENERAL TOLERANCE:
X.X = ± 0.3
X.XX = ± 0.20
ANGLE = ± 0.5°

3RD ANGLE
NOT IN SCALE
DRAWN BY: JIAHUI ZHANG
CHECKED BY: DENIS SHEN

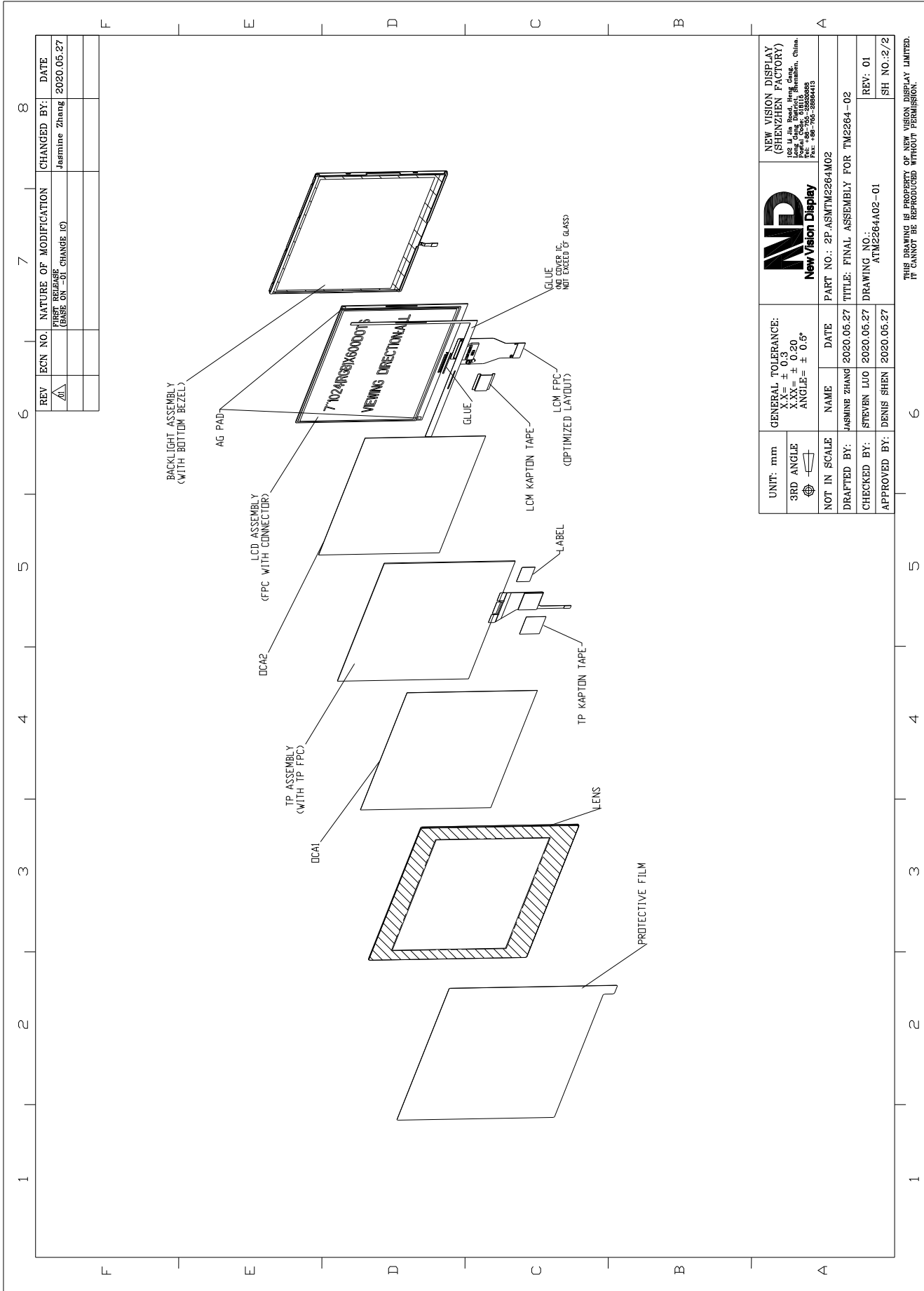
TITLE: FINAL ASSEMBLY FOR TM2264-02
PART NO.: 2P-ASMTM2264A02

DRAWING NO.:
ATM2264A02-01

DATE: 2020.05.27
NAME: JIAHUI ZHANG

DATE: 2020.05.27
NAME: JIAHUI ZHANG

The information contained herein is based upon typical data, New Vision Display makes no warranties expressed or implied as to its accuracy and assumes no liability arising out of its use by others. The user should determine suitability of New Vision Displays for each individual application.



REV	ECN NO.	NATURE OF MODIFICATION	CHANGED BY:	DATE
A		FINAL RELEASE (CHANGE ON-01 CHANGE IC)	Jasmine Zhang	2020.05.27

		NEW VISION DISPLAY (SHENZHEN FACTORY) 10th Floor, Building 10, Shenzhen 518057, P.R. China Tel: +86-755-28850808 Fax: +86-755-28854413	
UNIT: mm 3RD ANGLE 	GENERAL TOLERANCE: X.X = ± 0.3 X.XX = ± 0.20 ANGLE = ± 0.5°	NAME: JASMINE ZHANG DATE: 2020.05.27 PART NO.: 2P-ASMTM2264M02	TITLE: FINAL ASSEMBLY FOR TM2264-02
NOT IN SCALE	DRAFTED BY: STEVEN LUO CHECKED BY: DENIS SHEN	DRAWING NO.: ATM2264A02-01	REV: 01 SH NO.: 2/2

THIS DRAWING IS PROPERTY OF NEW VISION DISPLAY LIMITED.
 IT CANNOT BE REPRODUCED WITHOUT PERMISSION.



The information contained herein is based upon typical data, New Vision Display makes no warranties expressed or implied as to its accuracy and assumes no liability arising out of its use by others. The user should determine suitability of New Vision Displays for each individual application.