Next Vision Display
Brighten The Future

SPECIFICATION

CUSTOMER :

MODULE NO.: NT070-R001DL

1. Scope

This data sheet is to introduce the specification of NV800480F700#A001 active matrix TFT module. It is composed of a color TFT-LCD panel, driver ICs, FPC,resistive touch panel and a backlight unit. The 7.0'' display area contains 800 (RGB) x 480 pixels.

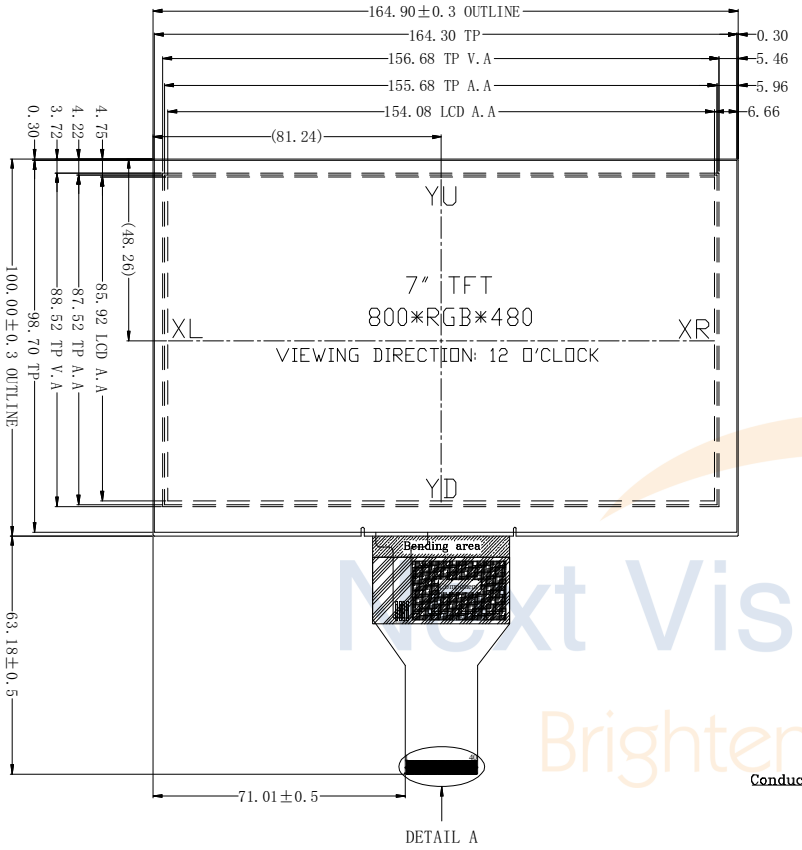
2. Application

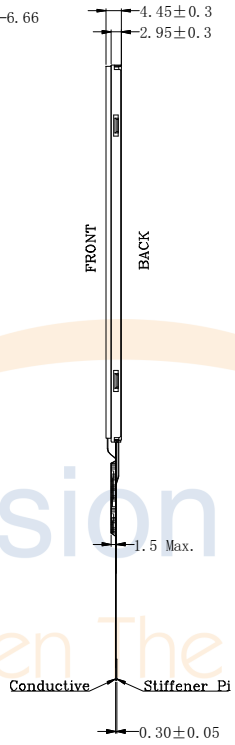
Digital equipments which need color display, mobile navigator/video systems.

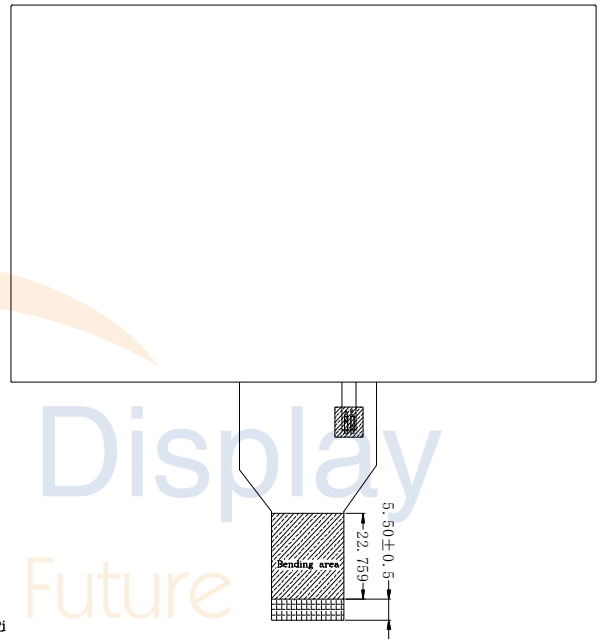
3. General Information

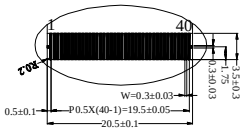
Item	Contents	Unit
Size	7.0	inch
Resolution	800(RGB) x 480	/
Interface	Parallel 24-bit RGB	/
Technology type	a-Si TFT	/
Pixel pitch	0.1926x0.1790	mm
Pixel Configuration	R.G.B. Stripe	
Outline Dimension (W x H x D)	164.90X100.00X4.45	mm
Active Area	154.08X85.92	mm
Display Mode	Transmissive, Normally white	/
Backlight Type	LED	/
Weight	TBD	g

4. Outline Drawing



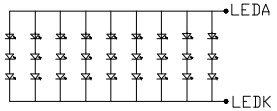






DETAIL A(2:1)

LED CIRCUIT DIAGRAM:



50PIN:

PIN	SYMBOL
1	LEDK
2	LEDA
3	GND
4	VDD
5	R0
6	R1
7	R2
8	R3
9	R4
10	R5
11	R6
12	R7
13	G0
14	G1
15	G2
16	G3
17	G4
18	G5
19	G6
20	G7
21	B0
22	B1
23	B2
24	B3
25	B4
26	B5
27	B6
28	B7
29	GND
30	CLK
31	DISP
32	HSYNC
33	VSYNC
34	DEN
35	NC
36	GND
37	XR
38	YD
39	XL
40	YU

NOTES:

1.DISPLAY TYPE: 7.0 TFT

2.DISPLAY MODULE :Transmissive,POSITIVE

3.OPERATING TEMP: -20°C ~ 60°C

4.STORAGE TEMP: -30°C ~ 70°C

5.BACKLIGHT: LED

6.RoHS Complicant

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DRAWN BY:	NT070-R001DL		
CHECKED BY:			SCALE:
APPROVED BY:	DWG NO:		UNIT: mm
CONFIRMED BY:	DWG NAME:	SHEET NO:	OF

5. Interface signals

No	Symbol	Description	Remark
1	LEDK	Cathode pin of Backlight	
2	LEDA	Anode pin of Backlight	
3	GND	Power Ground	
4	VDD	Supply voltage	
5	R0	Red data	
6	R1	Red data	
7	R2	Red data	
8	R3	Red data	
9	R4	Red data	
10	R5	Red data	
11	R6	Red data	
12	R7	Red data	
13	G0	Green data	
14	G1	Green data	
15	G2	Green data	
16	G3	Green data	
17	G4	Green data	
18	G5	Green data	
19	G6	Green data	
20	G7	Green data	
21	B0	Blue data	
22	B1	Blue data	
23	B2	Blue data	
24	B3	Blue data	
25	B4	Blue data	
26	R5	Blue data	
27	B6	Blue data	
28	B7	Blue data	
29	GND	Power Ground	
30	CLK	Sample clock	
31	DISP	Display control, DISP =1 is ON	
32	HSYNC	Horizontal Sync Input	
33	VSYNC	Vertical Sync Input	
34	DEN	Data Input Enable	
35	NC	No connection	
36	GND	Power Ground	
37	XR	Terminal of touch panel	
38	YD		
39	XL		
40	YU		

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