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NEXT VISION DISPLAY

SPECIFICATION

CUSTOMER : _____

MODULE NO.: NT043-N001DL

Version	1.0
Engineer	
Date	2015-11-30

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Customer:
Approved by

NEXT VISION DISPLAY CO., LTD.

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1. Scope

This data sheet is to introduce the specification of NT043-N001DL active matrix TFT module. It is composed of a color TFT-LCD panel, driver ICs, FPC and a backlight unit. The 4.3" displa area contains 480 (RGB) x 272 pixels.

2. Application

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

3. General Information

Item	Contents	Unit
Size	4.3	inch
Resolution	480 (RGB) x 272	/
Interface	RGB-24bit	/
Technology type	a-Si TFT	/
Pixel pitch	0.198x0.198	mm
Pixel Configuration	R.G.B. Vertical Stripe	
Outline Dimension (W x H x D)	105.5x67.2x3.0	mm
Active Area	95.04 x 53.86	mm
Display Mode	transflective	/
Backlight Type	LED	/
Weight	TBD	g

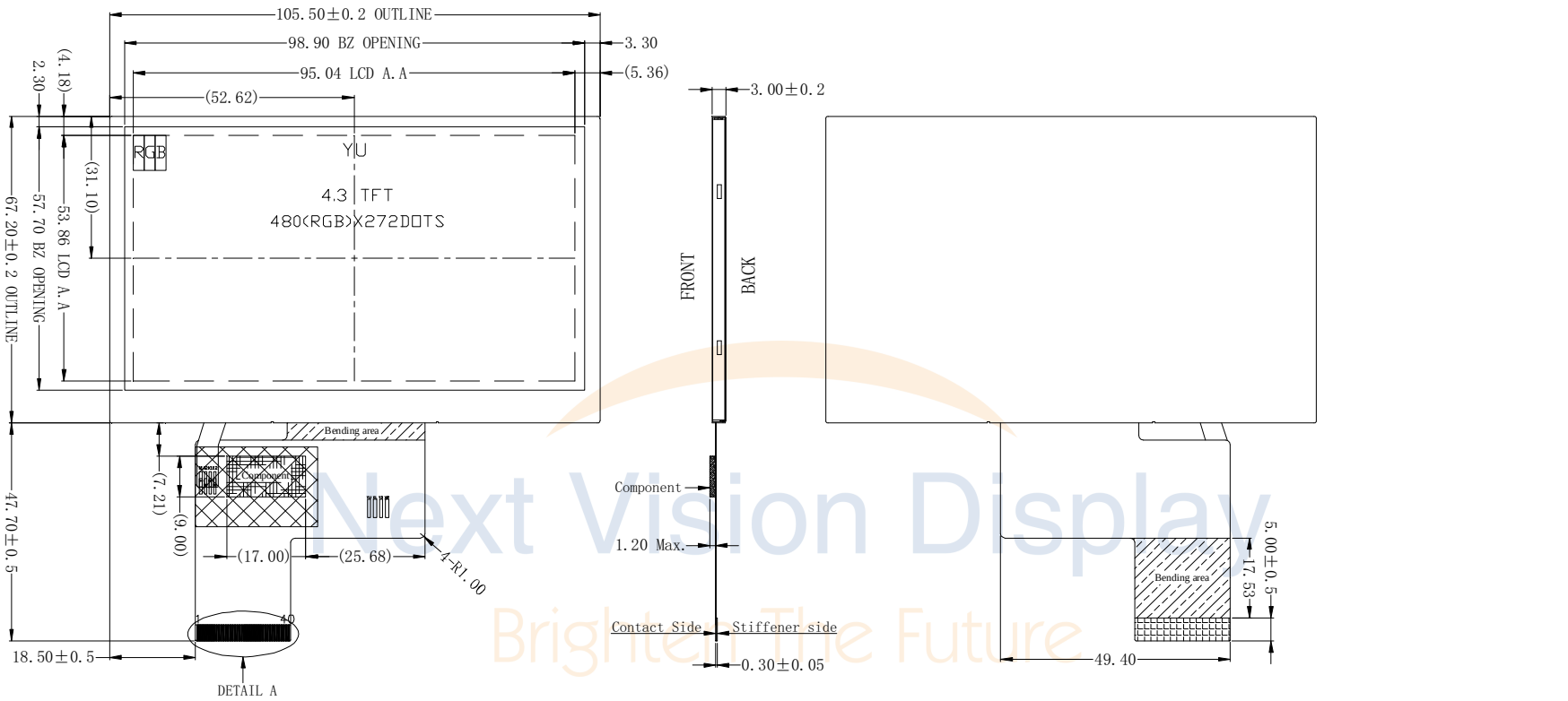
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5. Interface signals

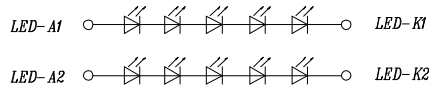
No.	Symbol	Description
1	VBL-	Backlight LED Cathode
2	VBL+	Backlight LED Anode.
3	GND	System Ground
4	VCC	Power supply for logic operation
5~12	R0~R7	Data bus
13~20	G0~G7	Data bus
21~28	B0~B7	Data bus
29	GND	System Ground
30	CLK	Pixel clock signal
31	DISP	Display on/off control
32	NC	NC
33	NC	NC
34	DEN	Data input Enable. Active High to enable the data input Bus under “DE Mode”.
35	NC	No connect
36	GND	System Ground
37	XR(NC)	No connect
38	YD(NC)	No connect
39	XL(NC)	No connect
40	YU(NC)	No connect

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4. Outline Drawing



LED CIRCUIT DIAGRAM:



NOTES:

1. DISPLAY TYPE: 4.3TFT, Transflective
2. VIEWING DIRECTION : 12 O'CLOCK
3. Driver IC : ILI6480
4. Top : -20° C ~ 70° C, Tst : -30° C ~ 80° C
5. GENERAL TOLERANCE: ±0.2
6. RoHs Complicant

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DRAWN BY:	NT043-N001DL		
CHECKED BY:			
APPROVED BY:	DWG NO:	SCALE:	
CONFIRMED BY:	DWG NAME:	UNIT: mm	SHEET NO: 0F