



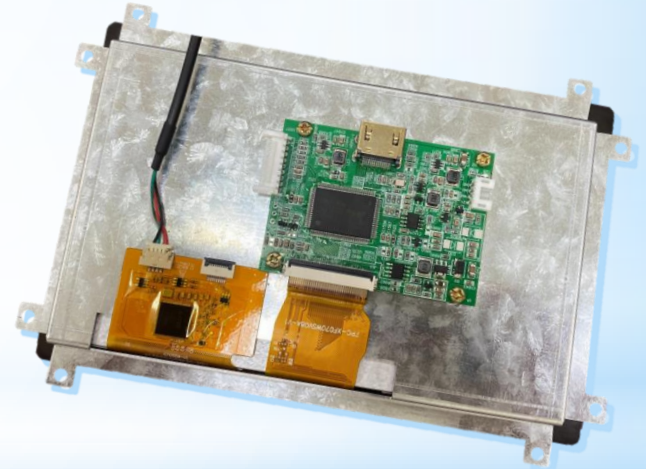
XINSUN DISPLAY

* Open Frame Module

7.0 inch Industrial Display



XINSUN DISPLAY



* Industrial Open Frame Display



XINSUN DISPLAY

TFT Notes	
Interface Pins	50 Pins
Viewing Angle	80°U/80°D/80°L/80°R
Monitor Interface	HDMI Interface
LCD Type	IPS LCD
Brightness	800cd/m2 TYP. WITH CTP
LED Lifetime	50000HR at Ta=25°C
Resolution	1024x600
Polarizer	Transmissive, Normal black
Outline Dimension	190.27mm X 125.8mm
Active Area	154.08mm X 85.92mm

*Module Specification



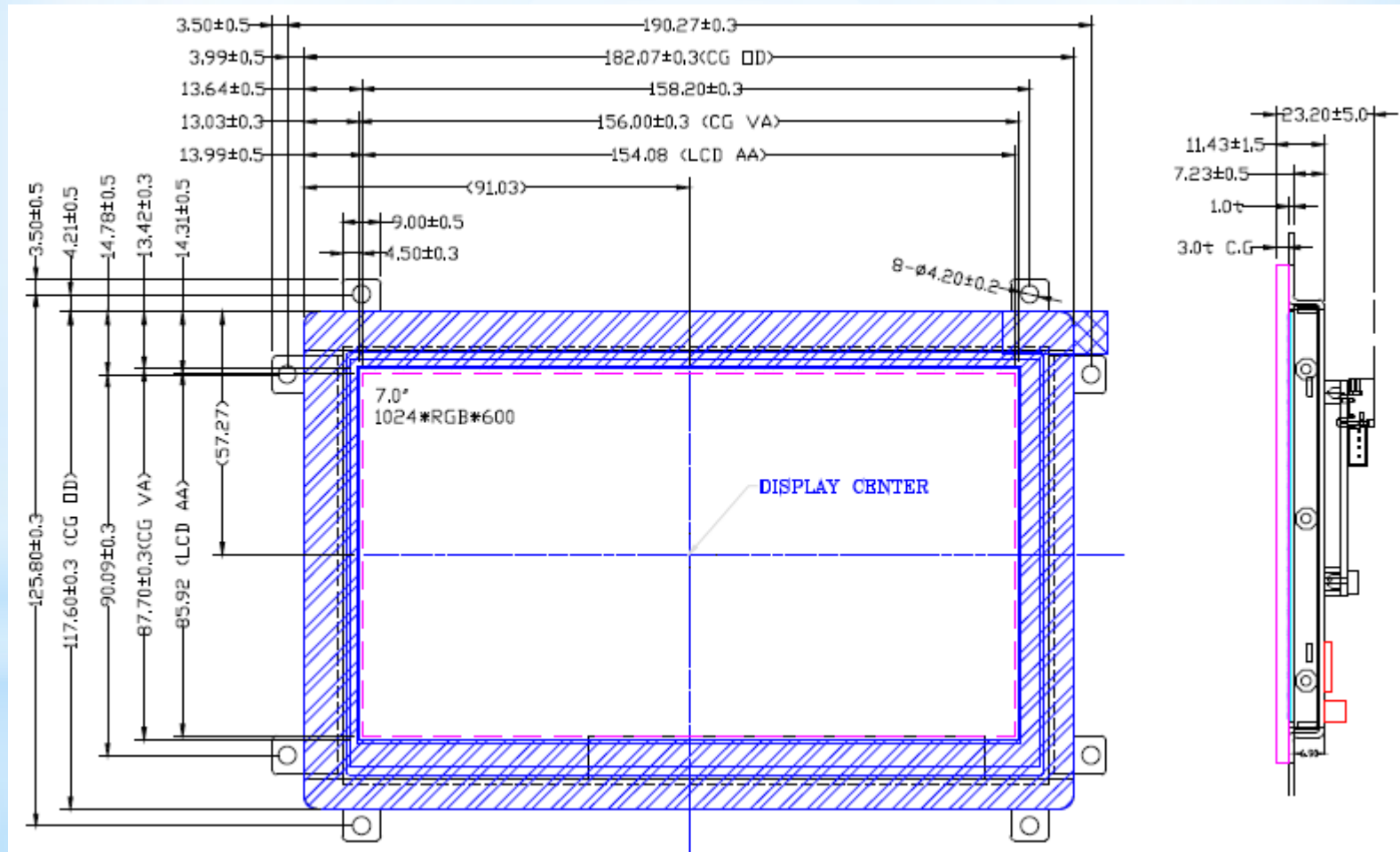
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Max. Depth	23.2mm
Operating Temperature	30°~85°
Storage Temperature	-40°~90°
Power Supply	12.0VDC FOR AD BOARD J5
Display Colors	16.7M
CTP Notes	
Interface	USB I/F
Cover Glass Level	IK8
Operating Voltage	Voltage:5.0V(USB)
Operating conditions	-30°C~+80°C, ≤85%RH
Storage conditions	-30°C~+80°C, ≤85%RH

*Module Specification



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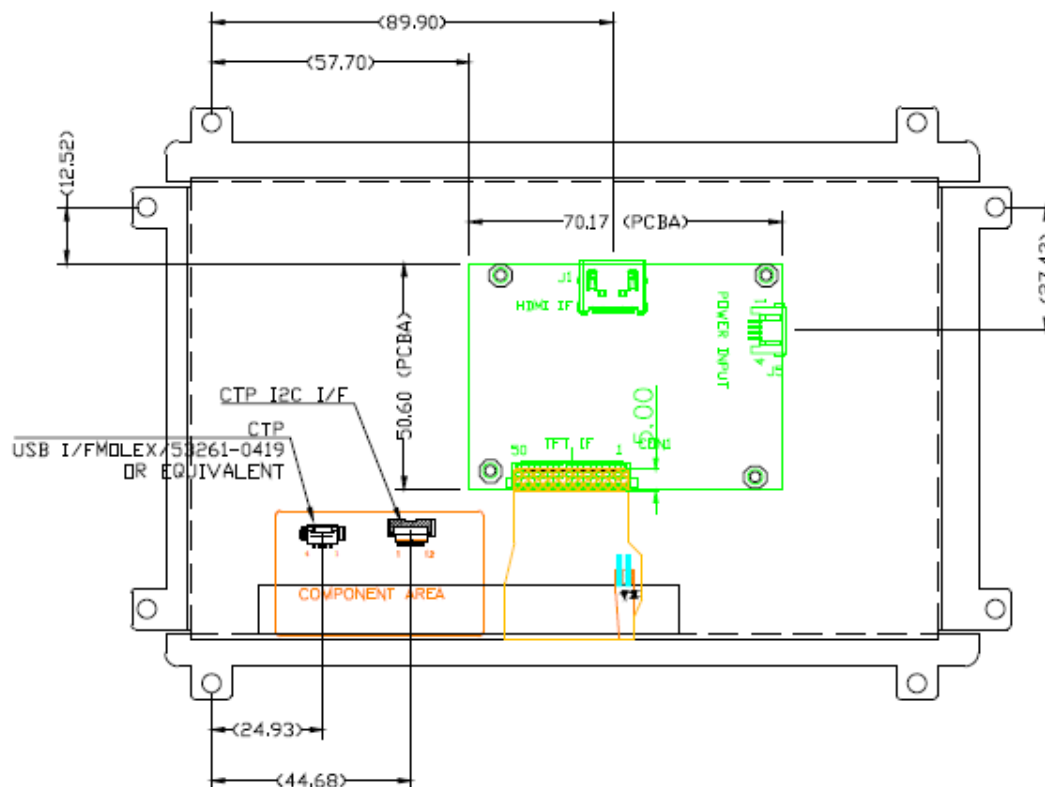
* Mechanical Drawing



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TFT I/F

PIN	ASSIGNMENT	PIN	ASSIGNMENT
1	LEDA	26	G1
2	LEDA	27	G0
3	LEDK	28	R7
4	LEDK	29	R6
5	GND	30	R5
6	VCOM	31	R4
7	DVDD	32	R3
8	MODE	33	R2
9	DE	34	R1
10	VS	35	R0
11	HS	36	GND
12	B7	37	DCLK
13	B6	38	GND
14	B5	39	L/R
15	B4	40	U/D
16	B3	41	VGH
17	B2	42	VGL
18	B1	43	AVDD
19	B0	44	RESET
20	G7	45	NC
21	G6	46	VCOM
22	G5	47	DITHB
23	G4	48	GND
24	G3	49	NC
25	G2	50	NC



CTP I/F

IIC	
No.	Pin Define
1	NC
2	NC
3	NC
4	NC
5	NC
6	NC
7	VDD(3.3V)
8	SCL
9	SDA
10	INT
11	RST
12	GND

CTP USB I/F

No.	Pin Define
1	VBUS
2	DN
3	DP
4	GND

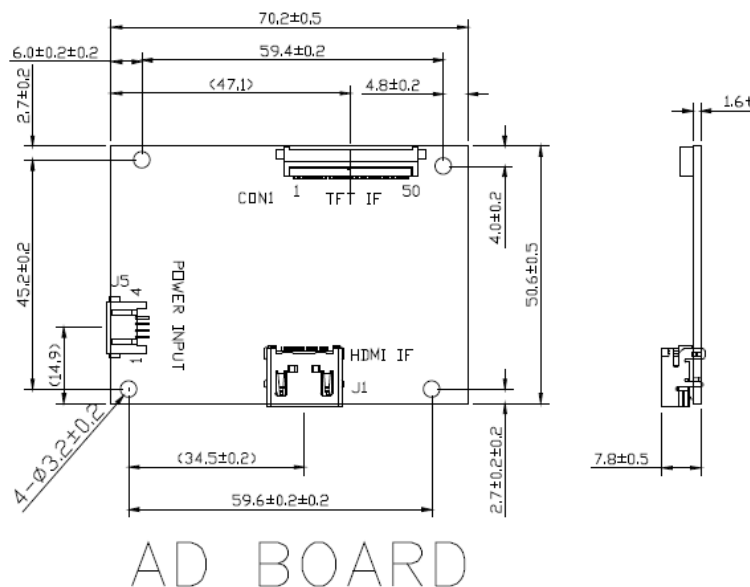
* Mechanical Drawing



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J5 POWER SUPPLY
for HDMI board

PIN	LOGIC
1	GND
2	GND
3	PWM
4	VDD



J1: HDMI I/F

PIN	ASSIGNMENT
1	TMDS Data2+
2	TMDS Data2 Shield
3	TMDS Data2-
4	TMDS Data1+
5	TMDS Data1 Shield
6	TMDS Data1-
7	TMDS Data0+
8	TMDS Data0 Shield
9	TMDS Data0-
10	TMDS Clock+
11	TMDS Clock Shield
12	TMDS Clock-
13	CEC
14	NC
15	SCL
16	SDA
17	DDC/CEC Ground
18	+5V Power
19	Hot Plug Detect



Mechanical Drawing



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