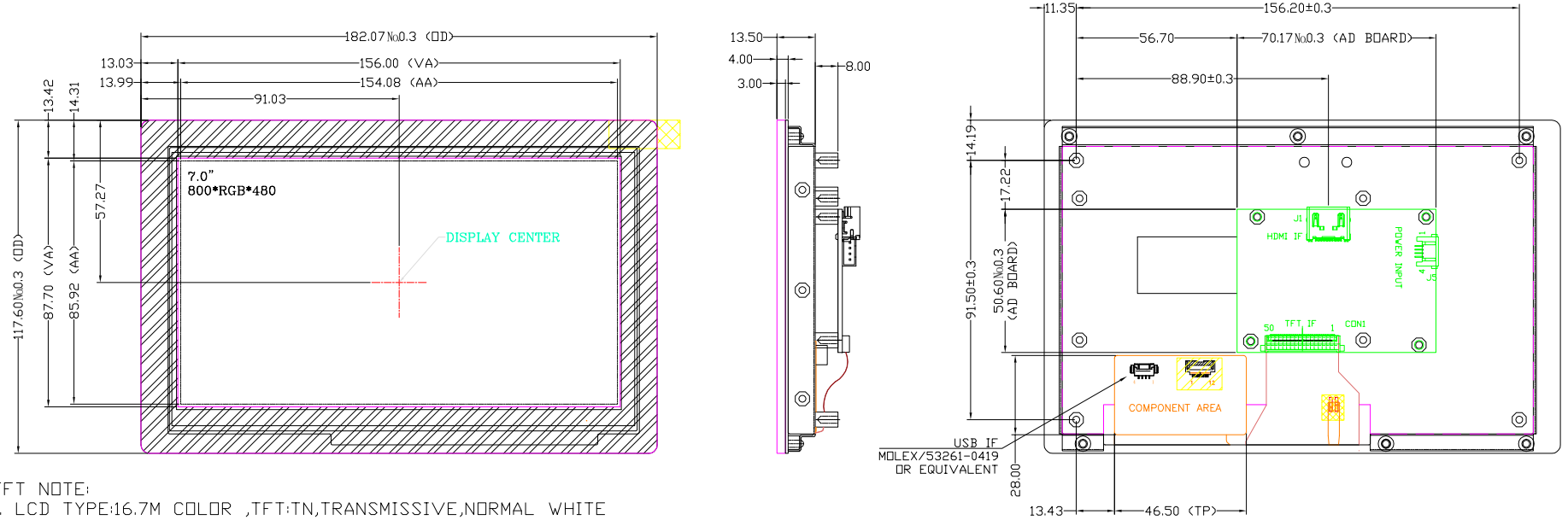
REV	DC/EC NUMBER	DESCRIPTION	DATE

TOP VIEW SIDE VIEW BOTTOM VIEW



TFT NOTE:

1. LCD TYPE:16.7M COLOR ,TFT:TN,TRANSMISSIVE,NORMAL WHITE
2. VIEWINGDIRECTION:80°U/70°D/80°L/80°R
3. TFT Driver IC:EK9713+EK73002 or equivalent
4. LED DRIVER IC:VLED=12.0V,PLED=3.0W
5. BRIGHTNESS:800cd/m2 TYP.
6. LIFE TIME:50000HR at Ta=25°C
7. OPERATION TEMP:-20°~70°
8. STORAGE TEMP:-30°~80°
9. UNMARKERTOLERANCE:±0.2
10. POWER SULLPY:12.0VDC FOR AD BOARD J5
11. TOP POLARIZER:Polatechnon polarizer

Notes for PCAP:

1.Structure:G+G;Cover Glass;IK07
2.IC Type:Operting Voltage:3.3V IC:ILI2511
3.Transmittance: ≥86%
4.Hardness: 6H
5.Operating conditions: -20℃~+70℃, ≤85%RH
6.Storage conditions: -20℃~+70℃, ≤85%RH
7.Unspecified tolerance: ±0.2mm
8.All materials in the drawing comply with the RosH

TFT I/F

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

J1: HDMI ASSIGNMENT

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

PCAP 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

J5 POWER SUPPLY for HDMI board

PIN	LOGLC
1	GND
2	GND
3	PWM
4	VDD

CONTROL DIMENTION:		XINSUN DISPLAY INTEGRATION	
REFERENCE DIMENTION:	( )		
APPROVED:	JOBS	MODEL NAME: XF070WV03BC-TDUL	3rd ANGLE
CHECKED:	ERIC	PART NAME	UNIT: mm
DESIGNED:	ISSCA	DRAWING NUMBER	SCALE: 1:1
		METERIAL NUMBER	PAGE: 1/1