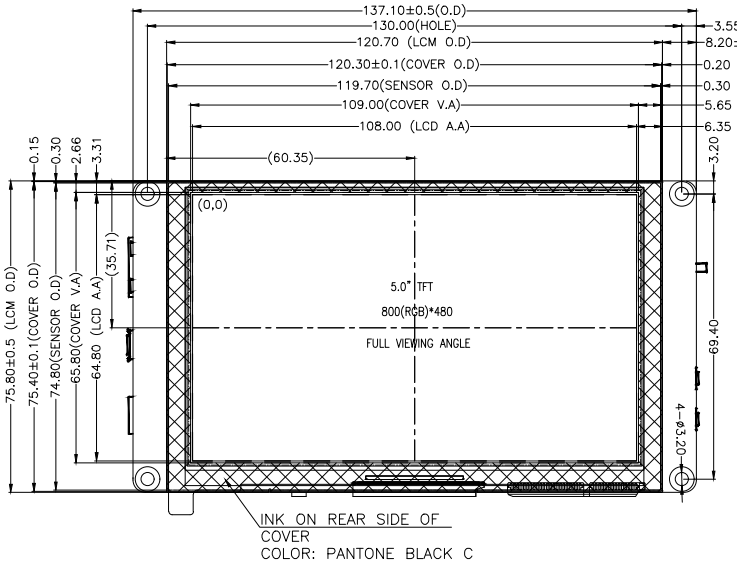
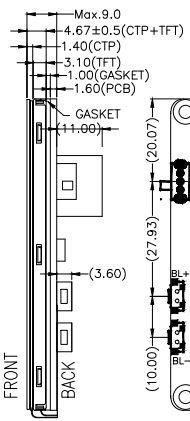
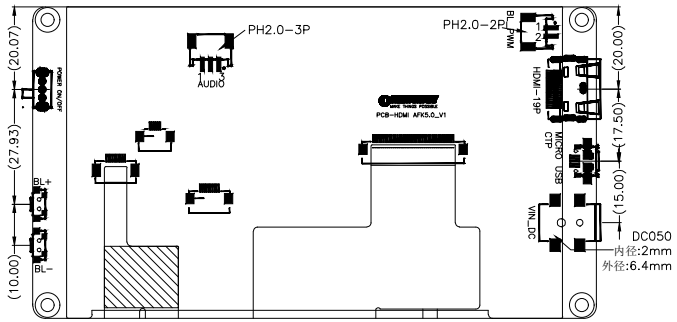
THIS DRAWING IS PROPERTY OF ORIENT DISPLAY. ALL RIGHTS RESERVED.

ITEAM	PARAMETERS	ITEAM	PARAMETERS	ITEAM	PARAMETERS	ITEAM	PARAMETERS
DISPLAY TYPE	IPS/NORMAL BLACK	VIEWING DIRECTION	FREE	SUPPLY VOLTAGE	12V	IC	TFT:ST7262 CTP:FT5446
RESOLUTION (H*V)	5.0" 800*480 PIXELS	OPERATION TEMPERURE	-20°C TO +70°C	INTERFACE	TFT: HDMI CTP: USB	BACKLIGHT	EDGE,WHITE
POLARIZER TYPE	TRANSMISSIVE	STORAGE TEMPERATURE	-30°C TO +80°C	SURFACE LUMINANCE	1000 Nits	CONNECTOR	N/A







VIN_DC

1	12V
2	GND

GND 12V

MICRO USB CTP

PIN	SYMBOL
1	USB 5V
2	DM
3	DP
4	ID
5	GND

HDMI

1	TMDS Data 2+
2	TMDS Data2 Sh
3	TMDS Data 2-
4	TMDS Data 1+
5	TMDS Data1 Sh
6	TMDS Data 1-
7	TMDS Data 0+
8	TMDS Data 0 S
9	TMDS Data 0-
10	TMDS Clock+
11	TMDS Clock Sh
12	TMDS Clock-
13	CEC
14	NC
15	SCL
16	SDA
17	DDC/CEC GND
18	+5V
19	Hot Plug Detec

BL_PWM

PIN	SYMBOL
1	GND
2	PWM

AUDIO

PIN	SYMBOL
1	GND
2	R
3	L

ORIENT DISPLAY

REV.	SYMBOL	DESCRIPTION	DATE
03	-	修改PCB左右两边的形状，把连接器靠边放置	2024-4-22
02	-	ADD PWM CONTROL PAD, AND AUDIO CIRCUIT	2024-3-20
01	-	FIRST ISSUE	2024-3-20

TITLE	TFT	PART NO.		AFK800480A0-5.0INTH-C-HDMI	
REV.	03	CUSTOMER NO.		AFK800480A0-5.0INTH-C-HDMI	
SCALE	FIT	UNIT	mm	3rd ANGLE	SHEET 1 of 1
ROHS/REACH COMPLIANT			YES	CUSTOMER'S APPROVAL	
UNMARKED TOLERANCE			±0.3		