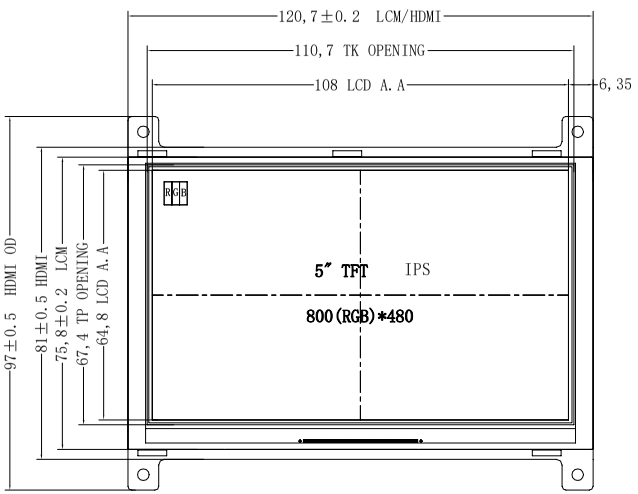
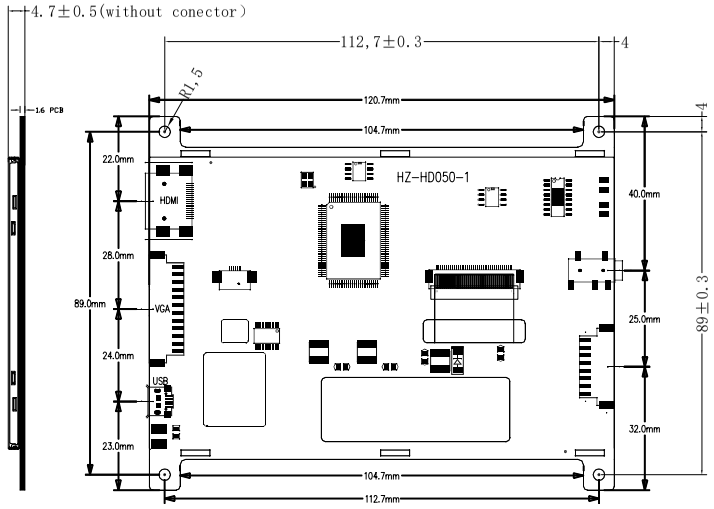
General Specifications:

DISPLAY TYPE:	5.0" TFT
	NORMALLY Black
	TRANSMISSIVE
RESOLUTION:	800(RGB)*480
Viewing Angle (U/D/L/R)	80/80/80/80
BRIGHTNESS:	400CD/M^2 TYP 350CD/M^2 MIN
Chromaticity:	(x=0.27±0.05,y=0.31±0.05)
Homogeneity:	80% typ
Interface:	HDMI/VGA
OPERATING TEMP:	-20°C ~ 70°C
STORAGE TEMP:	-30°C ~ 80°C
Power supply:	Micro-USB

RoHS





HDMI:

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

Micro USB:

1	+5V
2	D-
3	D+
4	GND

VER.	AMENDMENT	DESIGN	DATE
02			
01	First issue	wang	2024.09.10

DRAWN	
ME. CHECKED	
EE. CHECKED	
APPROVED	

TITLE: MODULE SPEC.

DRAWING NO. TBZ050HD-01

UNIT	mm	SCALE	FIT
3rd Angle		SHEET	1OF 1

Tailorpixels
A Professional Manufacturer of Display