

- Notes:
1. Tolerance is ±0.3mm unless otherwise noted.
  2. Marked with \* is critical dimension.
  3. Marked with ( ) is reference dimension.

Detail A (Scale 3:1)



CUSTOMER APPROVAL:

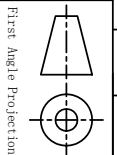
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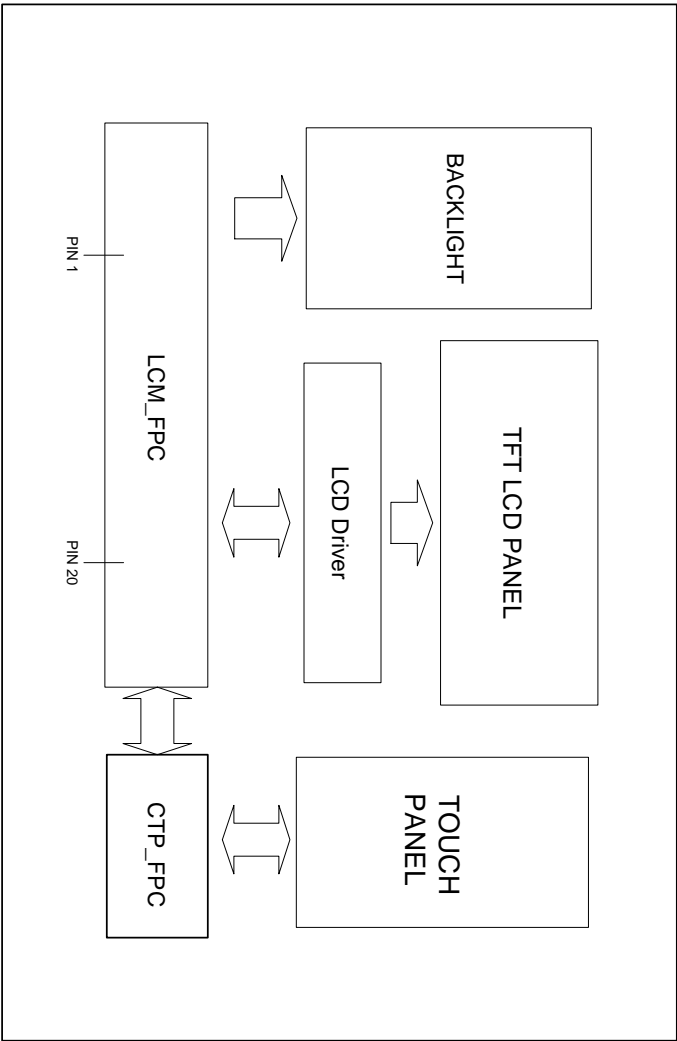
SHANTOU GOWORLD DISPLAY CO., LTD.  
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<b>DRAWN:</b> 林鹏浩 2021-09-29	<b>CHECKED:</b> 陈秀丹 2021-09-29	<b>APPROVED:</b> 黄宏生 2021-09-29
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LCM No.: GWMDD17580-LCM/C	Rev: 00	UNITS: mm
DWG No.: ED-17580-LCM/C	SHEET 1 OF 3	



Block Diagram:



FPC INTERFACE:

PIN	Symbol
1	GND
2	LED_K (GND)
3	LED_A
4	GND
5	VDD (3.3V)
6	TE
7	SDA
8	DCX
9	SCL
10	CSX
11	RESET
12	IOVDD
13	GND
14	TP_VDD (3.3V)
15	GND
16	TP_RST (3.3V)
17	TP_INT (3.3V)
18	TP_SDA (3.3V)
19	TP_SCL (3.3V)
20	GND

DISPLAY TYPE: TFT(PS)/ Transmissive / Normally Black  
 VIEWING DIRECTION: ALL  
 TFT-IC: ST7789V3A  
 CTP-IC: FT7401  
 LCD SUPPLY VOLTAGE: VDD=3.3V(max)  
 LCD DIGITAL VOLTAGE: IOVDD=1.8V/3.3V  
 CTP SUPPLY VOLTAGE: TP\_VDD=3.3±0.1V  
 LCD INTERFACE: SPI-4  
 TOUCH INTERFACE: I2C  
 OPERATING TEMPERATURE: -20° ~ +70°C  
 STORAGE TEMPRATURE: -30° ~ +80°C

Please kindly confirm!



C00: RM: Modify the FPC.	2021.09.29
CTPM: Modify the FPC.	
B02: Add pull tape.	2021.08.19
B01: Modify the FPC PI stiffener.	2021.08.13
B00: Add copper foil and conductive tape, modify the detail of FPC contact finger.	2021.07.29
A06: Modify the LCM-FPC to 2-layer.	2021.04.30
A05: Modify the TFT-IC.	2021.04.26
A04: Remove I0C0, and modify the white line of the FPC.	2021.04.22
A03: Add white line on the FPC.	2021.04.21
A02: Modify the TP outline and the FPC location.	2021.04.21
A01: Modify the ME refer to discussion.	2021.04.20
A00: Update ME/BE from GMMD17319-LCM/B02	2021.04.16

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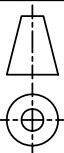
黄宏生  
 2021-09-29

LCM No.: GMMD17580-LCM/C

Rev: 00 UNITS: mm

DWG No.: ED-17580-LCM/C

SHEET 3 OF 3



First Angle Projection