

2	PCBA	1	QSPI
1	LCM	1	4.0"
NO.	Spec	Qty	Note
00	First	SZX	241217
Ver	Content	Sig	Date



上海冠显光电科技有限公司
Shanghai Top Display Optoelectronics Co.Ltd

Design (设计)

Checked (检查)

Approved (批准)

TD0's Code (冠显料号)

TS040WVS02CP-B1617A

Edition (版本号)

00

Zixin Shao

TBD

TBD

Customer's Code (客户型号)

Scale (比例)

1:1

View (视角):



Unit (单位): mm

Page (页数): 2/3

Date (日期)

2024-12-17

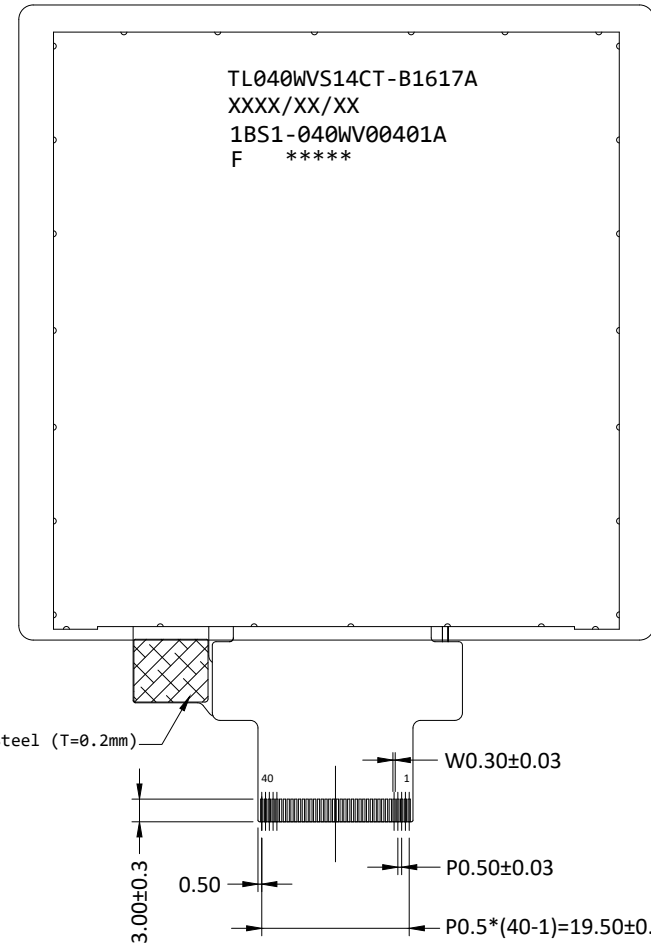
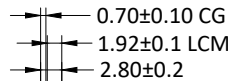
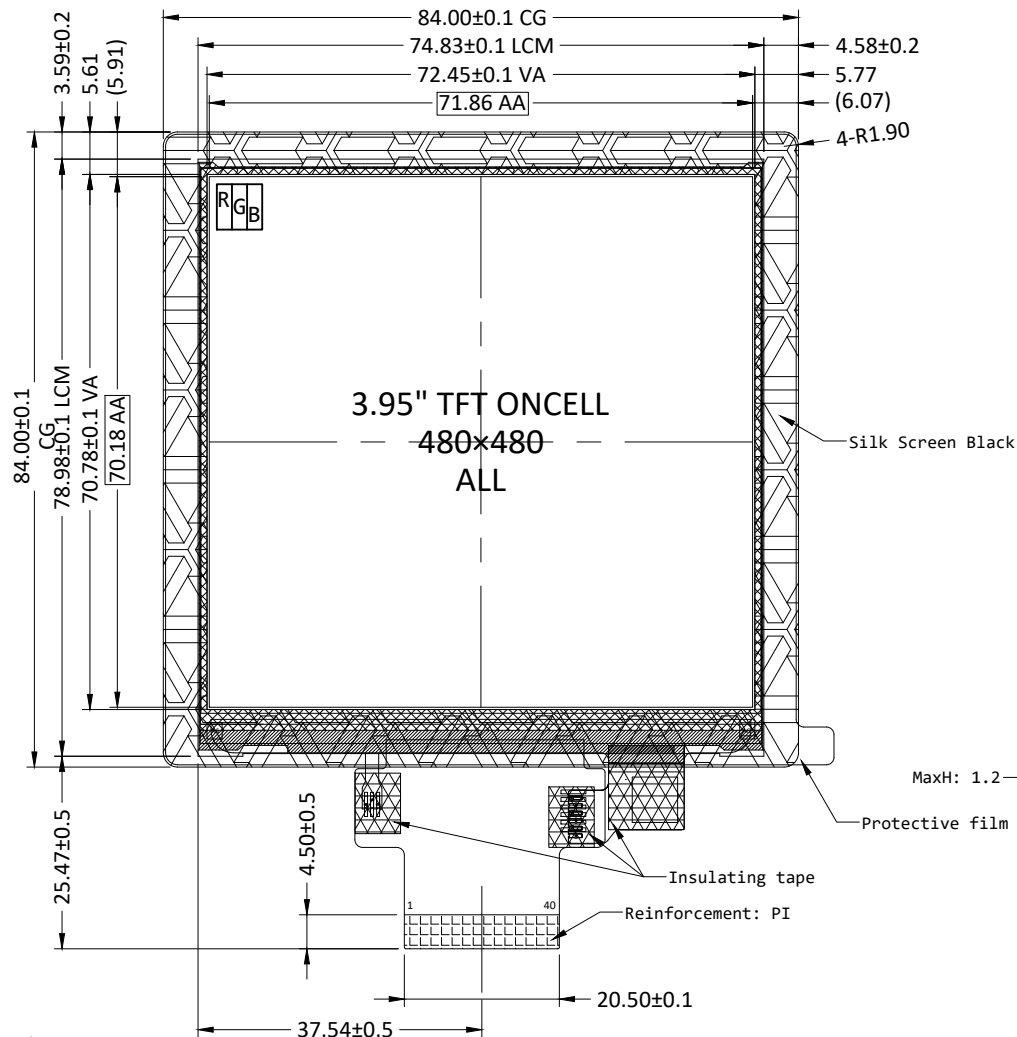
Customer Approved By (客户承认):

Date (日期):

FRONT VIEW

SIDE VIEW

BACK VIEW



Requirements:

- Reference Dimensions: (DIM)
- Key Dimensions: DIM
- General Tolerance: ±0.30mm
- All radii without dimension: R0.3mm
- All draft angles: 1.5°
- Oncell CTP IC: ICNT8952BN
- LCD Driver IC: ST7701S
- LCD Driver Voltage: 2.8~3.3V
- Color: White
- Operating Temperature: -20 ~ +70°C
- Storage Temperature: -30 ~ +80°C
- Requirements on Environmental Protection: RoHS HSF

PART NO.

LCM



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Scale (比例)

1:1

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FRONT VIEW

SIDE VIEW

BACK VIEW

FPC 0.5-20P

1 GND

2 VCC

3 GND

4 CS#

5 GND

6 SDO1

7 SDO0

8 SCL

9 SDO3

10 SDO2

11 RESET#

12 WAIT#

13 QSPI-INT

14 D/C#

15 TP-INT

16 TP-SDA

17 TP-SCL

18 TP-RST

19 TP-VCC

20 TP-GND

PinHeader

1 VCC

2 GND

3 GND

4 CS#

5 GND

6 SDO1

7 SDO0

8 SCL

9 SDO3

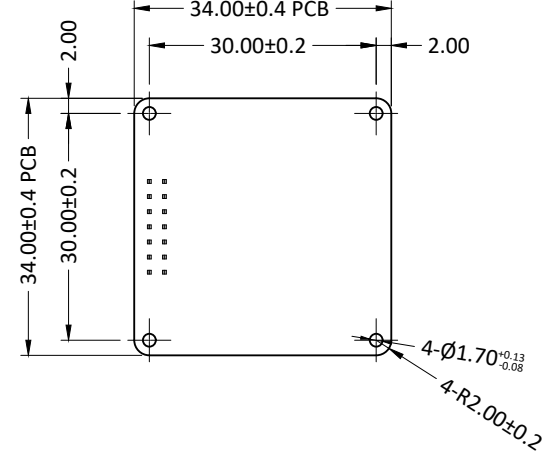
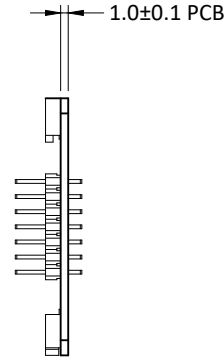
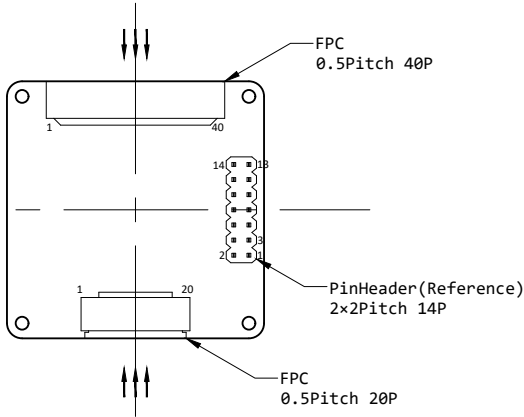
10 SDO2

11 RESET#

12 WAIT#

13 QSPI-INT

14 D/C#



PCB&PCBA Requirements:

- Reference Dimensions: (DIM)
- Key Dimensions: (DIM)
- General Tolerance: $\pm 0.30\text{mm}$
- All radii without dimension: $R0.5\text{mm}$
- Color: Green
- Layer Count: 2 layers
- QSPI Series
- Operating Temperature: $-20^{\circ}\text{C} \sim +70^{\circ}\text{C}$
- Storage Temperature: $-30^{\circ}\text{C} \sim +80^{\circ}\text{C}$
- Requirements on Environmental Protection: RoHS HSF

PART NO.

PCBA