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TDO 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)		TDO's Code(冠显料号)		TS021WVC02CP-B1323B			Edition(版本号)		00																																																																																																																																																																
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上海冠显光电科技有限公司
Shanghai Top Display Optoelectronics Co., Ltd

Design (设计)

邵子鑫

Checked (检查)

TBD

Approved (批准)

TBD

TD0's Code (冠显料号)

TS021WVC02CP-B1323B

Edition (版本号)

00

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)

2024-12-07

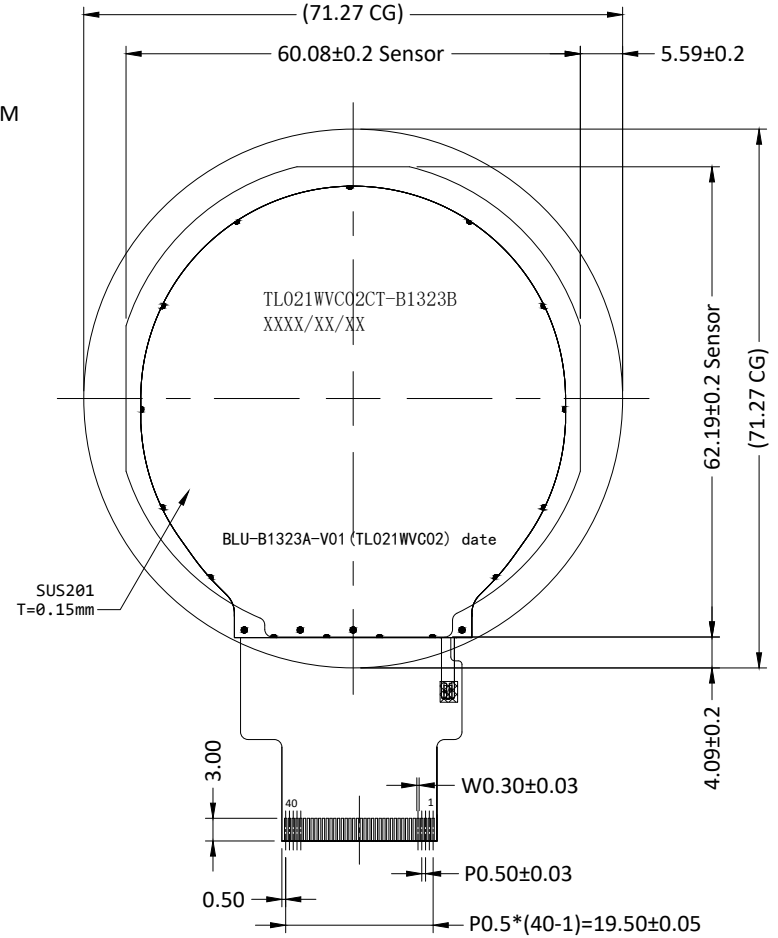
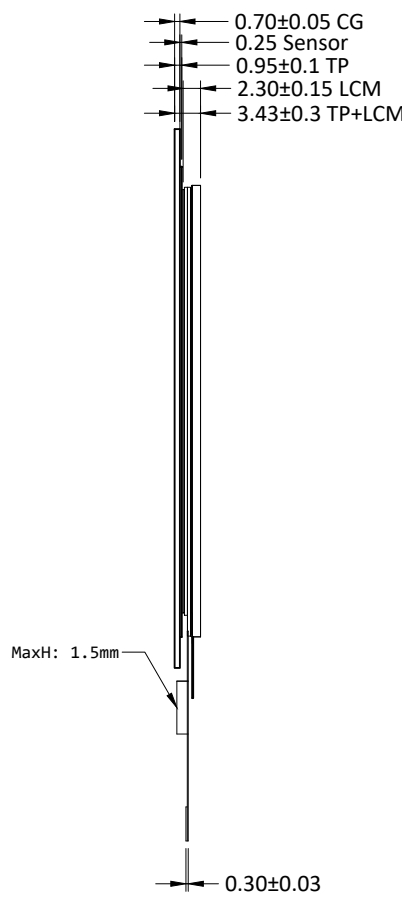
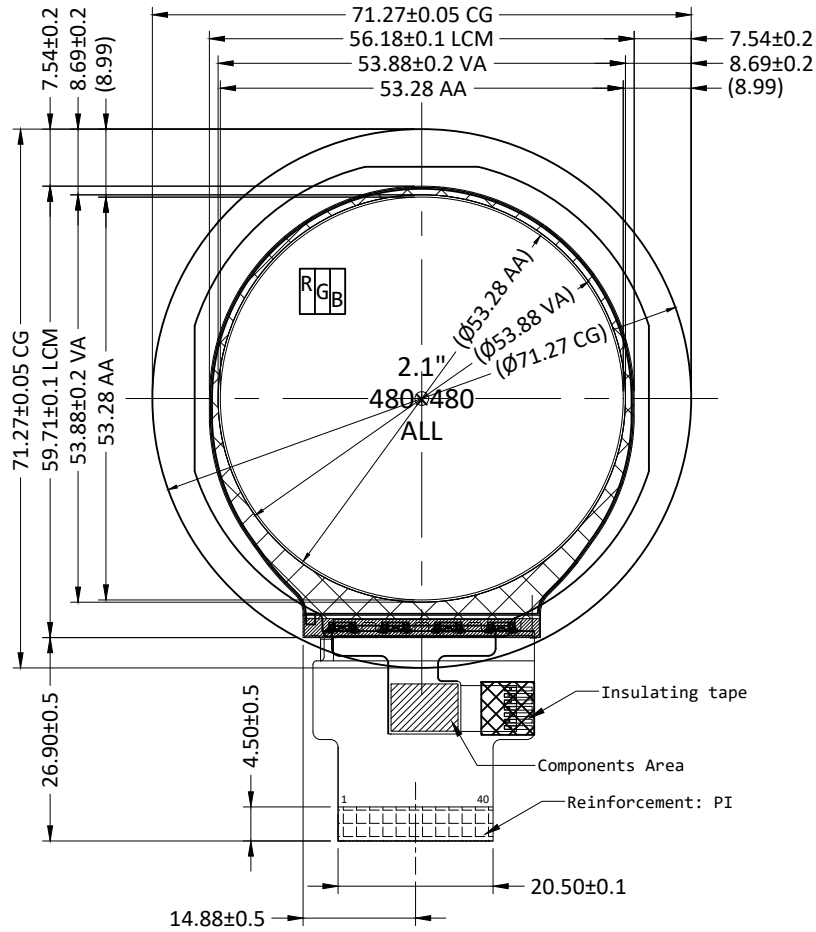
Customer Approved By (客户承认):

Date (日期):

FRONT VIEW

SIDE VIEW

BACK VIEW



Display Requirements:

1. Reference Dimensions: (DIM)
2. Key Dimensions: DIM
3. General Tolerance: ±0.20mm
4. All radii without dimension: R0.3mm
5. All draft angles: 1.5°
6. Driver IC: ST7701
7. LCD Driver Voltage: 2.8±0.3V
8. Color: White
9. Operating Temperature: -20 ~ +70°C
10. Storage Temperature: -30 ~ +80°C
11. Requirements on Environmental Protection: ROHS HSF

TP Requirements:

1. Unspecified Tolerance: ±0.2mm
2. Driver IC: CST826
3. Structure: G+F
4. Cover Glass: AGC 0.7mm
5. Sensor Material: ITO
6. Working Voltage: 2.8V ~ 3.3V
7. Transmittance: ≥82%
8. Surface Hardness: 6H
9. Operating Temperature and Humidity: -10 ~ +60°C, 20% ~ 90%
10. Storage Temperature and Humidity: -20 ~ +70°C, 20% ~ 90%

PART NO.

LCM



上海冠显光电科技有限公司
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00

Customer's Code (客户型号)

Scale (比例)

1:1

View (视角):

Unit (单位): mm

Page (页数): 3/3

Date (日期)

2024-12-07

Customer Approved By (客户承认):

Date (日期):

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

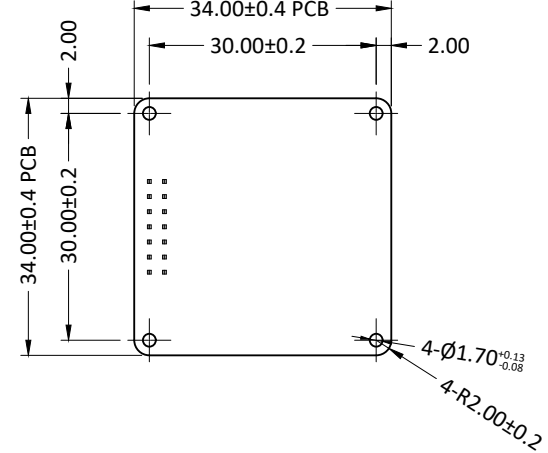
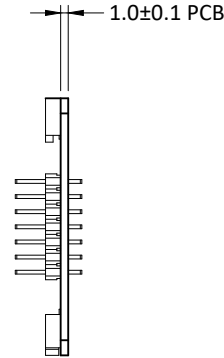
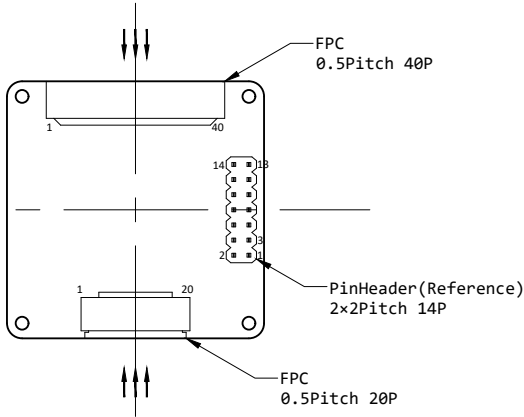
PinHeader

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#

FRONT VIEW

SIDE VIEW

BACK VIEW



PCB&PCBA Requirements:

- Reference Dimensions: (DIM)
- Key Dimensions: (DIM)
- General Tolerance: $\pm 0.30\text{mm}$
- All radii without dimension: R0.5mm
- 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