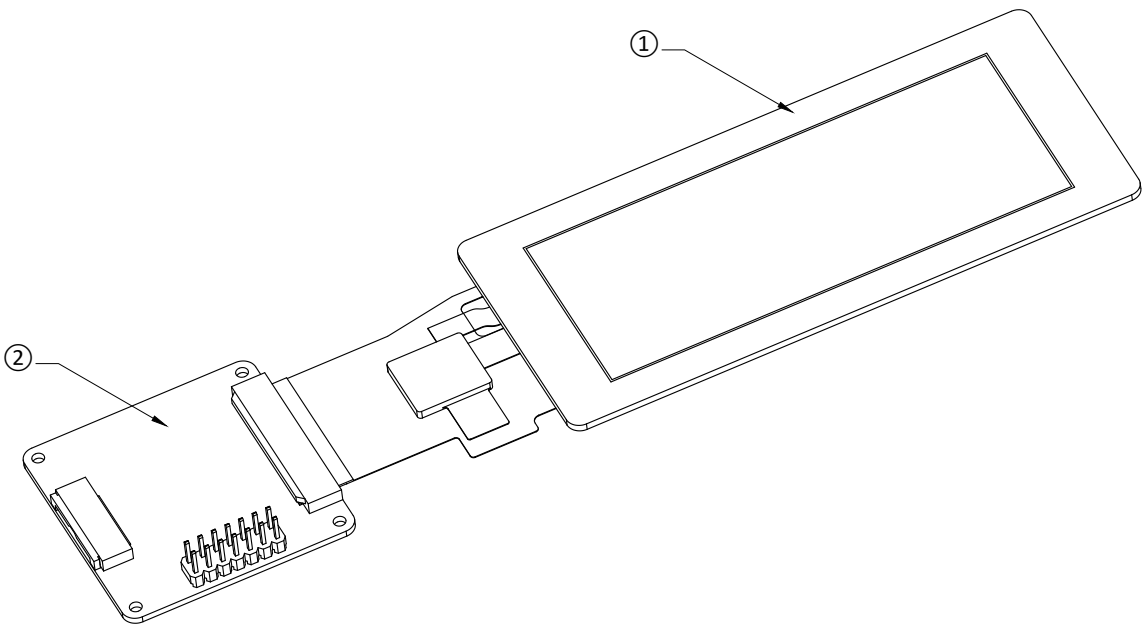


1		2		3		4		5		6		7		8		
 上海冠显光电科技有限公司 Shanghai Top Display Optoelectronics Co.Ltd		Design (设计)		Checked (检查)		Approved (批准)		TDO's Code (冠显料号)		TS028FWV02CP-I1440A			Edition (版本号)		00	
		邵子鑫		TBD		TBD		Customer's Code (客户型号)					Scale (比例)		1:1	
View (视角): 		Unit (单位): mm		Page (页数): 1/3		Date (日期)		2024-12-09		Customer Approved By (客户承认):				Date (日期):		

FRONT VIEW

SIDE VIEW

BACK VIEW



↑↑↑

插入方向 (Insertion Direction)



版本标识 (Version Mark)

NOTE:

1. QSPI Series

2. Insertion Length: 2.1mm

2	PCBA	1	
1	LCM	1	
序号	型号/规格	数量	备注
00	初版	SZX	241209
标识	更改内容	签署	日期

1	2	3	4	5	6	7	8
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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)

Customer's Code (客户型号)

TS028FWV02CP-I1440A

Edition (版本号)

00

Scale (比例)

1:1

View (视角):

Unit (单位): mm

Page (页数): 2/3

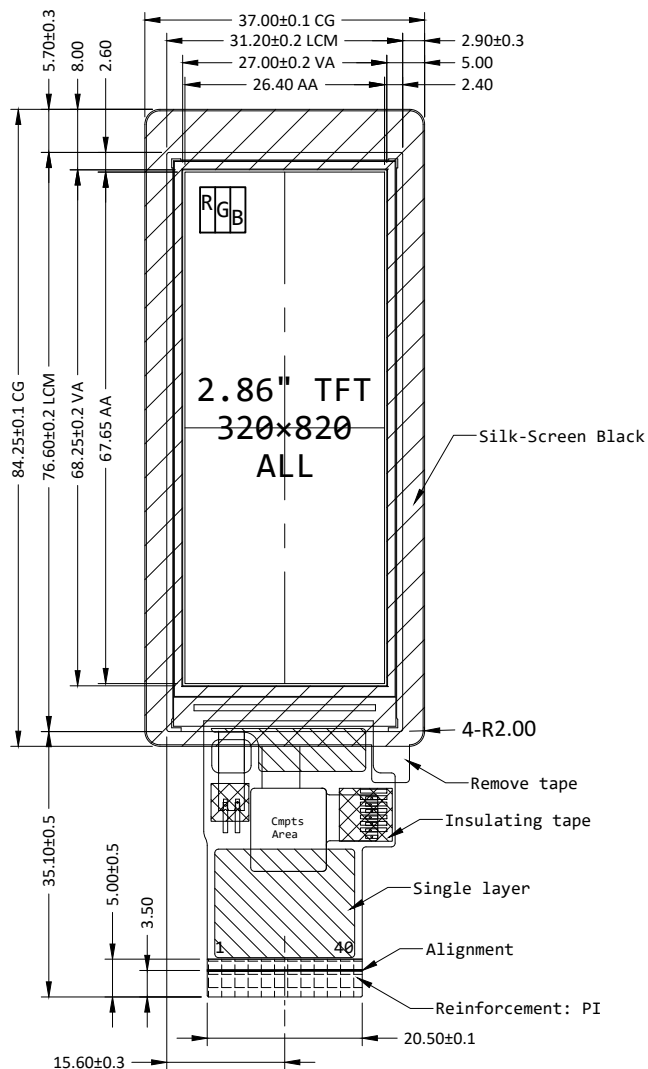
Date (日期)

2024-12-09

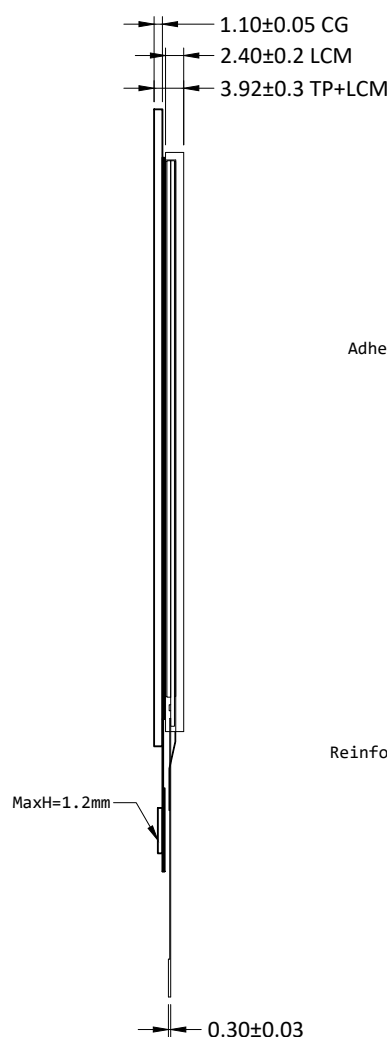
Customer Approved By (客户承认):

Date (日期):

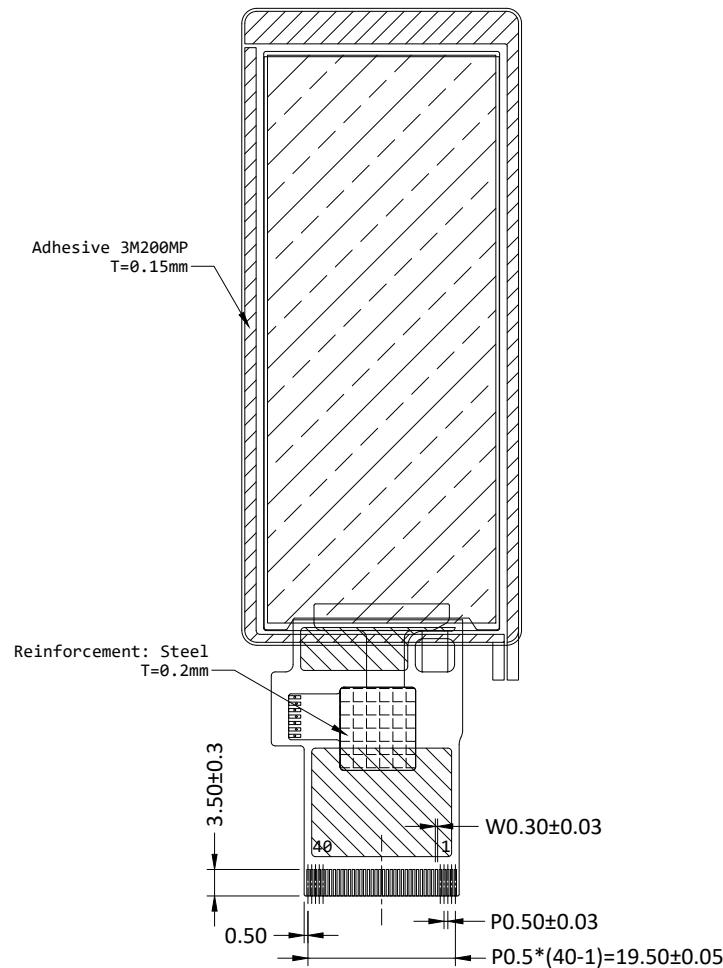
FRONT VIEW



SIDE VIEW



BACK VIEW



Display Requirements:

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

TP Requirements:

- Unspecified Tolerance: ±0.2mm
- Driver IC: FT6336U
- Structure: G+F
- Cover Glass: AGC
- Working Voltage: 2.8V ~ 3.3V
- Transmittance: ≥85%
- Surface Hardness: ≥6H
- Operating Temperature and Humidity: -20 ~ +60°C, 10% ~ 90%
- Storage Temperature and Humidity: -20 ~ +70°C, 10% ~ 90%
- Requirements on Environmental Protection: RoHS

PART NO.

LCM



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)

Customer's Code (客户型号)

TS028FWV02CP-I1440A

Edition (版本号)

00

Scale (比例)

1:1

View (视角):

Unit (单位): mm

Page (页数): 3/3

Date (日期)

2024-12-09

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	SD01
7	SD00
8	SCL
9	SD03
10	SD02
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

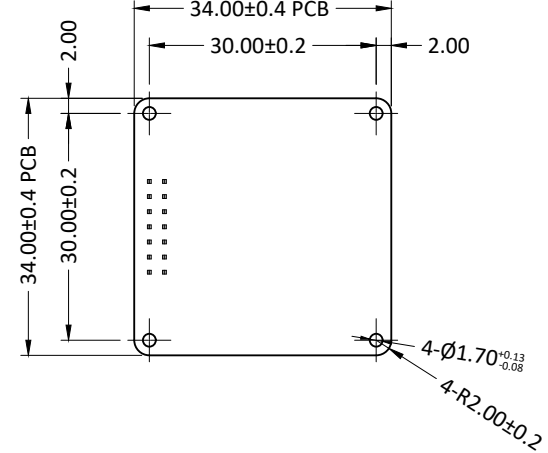
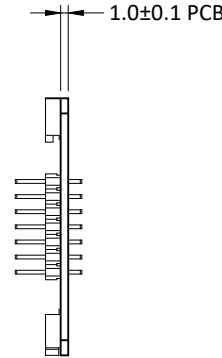
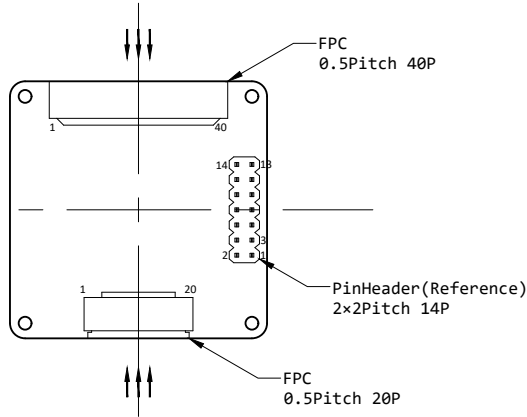
PinHeader

1	VCC
2	GND
3	GND
4	CS#
5	GND
6	SD01
7	SD00
8	SCL
9	SD03
10	SD02
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