



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)

TS021WVC02CQ-B8013B

Edition (版本号)

01

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): 1/1

Date (日期)

2025-04-29

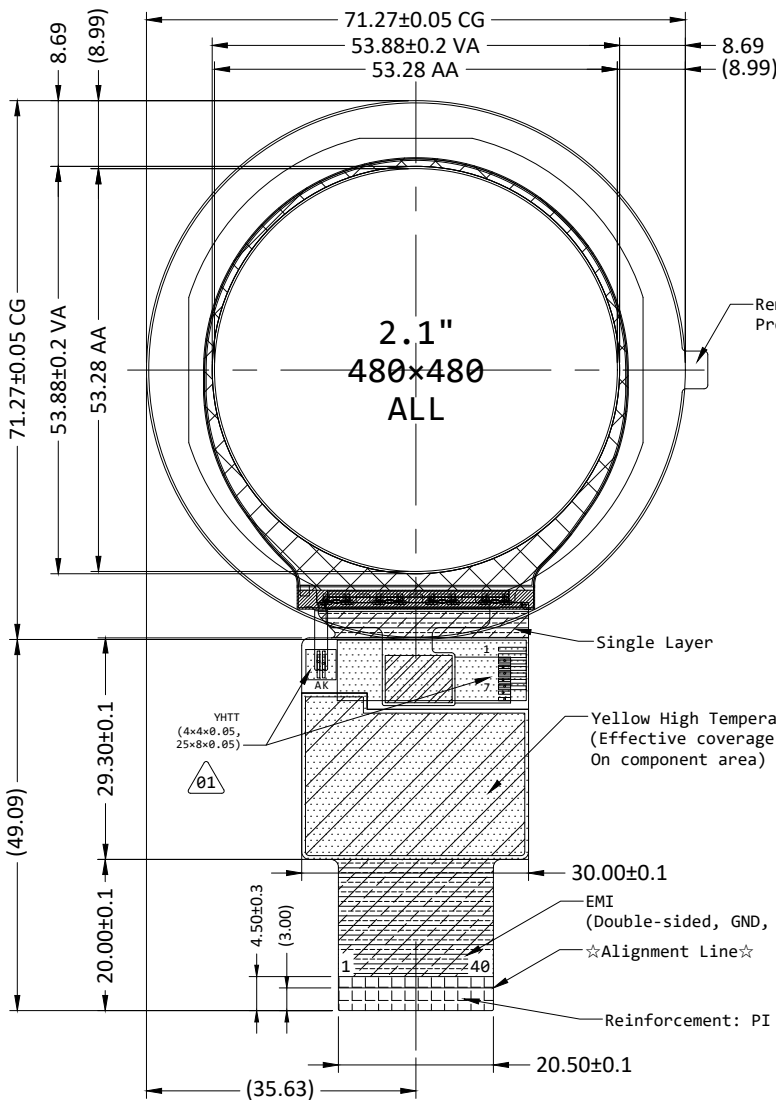
Customer Approved By (客户承认):

Date (日期):

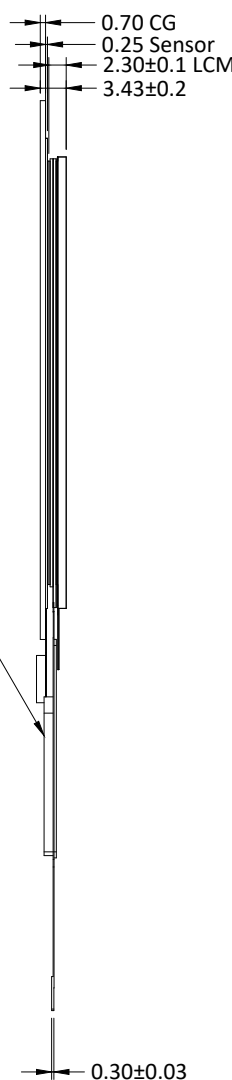
LCM Pin

1	GND
2	GND
3	VCC
4	VCC
5	GND
6	DB0
7	DB1
8	DB2
9	DB3
10	DB4
11	DB5
12	DB6
13	DB7
14	WR#
15	GND
16	RD#
17	CS#
18	D/C#
19	RESET#
20	Testpad_TX
21	Testpad_RX
22	WAIT#
23	IM0
24	IM1
25	QSPI-INT/8080-INT
26	DB8
27	DB9
28	DB10
29	DB11
30	DB12
31	DB13
32	DB14
33	DB15
34	GND
35	TP-GND
36	TP-RST
37	TP-INT
38	TP-SCL
39	TP-SDA
40	TP-VCC

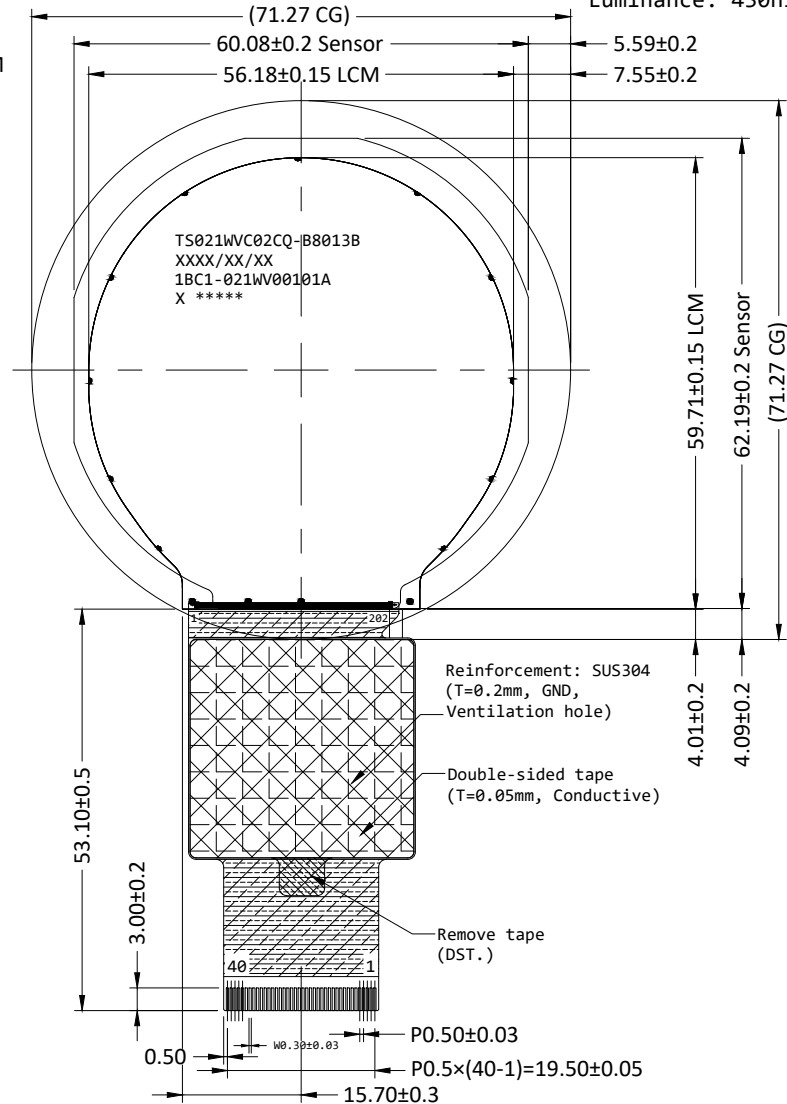
FRONT VIEW



SIDE VIEW



BACK VIEW



Display Requirements:

- Reference Dimensions: (DIM)
- Key Dimensions: DIM
- General Tolerance: ±0.20mm
- All radii without dimension: R0.3mm
- All draft angles: 1.5°
- Driver IC: TR230S
- Operating Temperature: -20 ~ +70°C
- Storage Temperature: -30 ~ +80°C
- Requirements on Environmental Protection: RoHS HSF

TP Requirements:

- Unspecified Tolerance: ±0.2mm
- Driver IC: CST826
- Structure: G+F
- Cover Glass: AGC
- Working Voltage: 2.8V ~ 3.3V
- Transmittance: ≥82%
- Surface Hardness: 6H
- Operating Temperature and Humidity: -10 ~ +60°C, 20% ~ 90%
- Storage Temperature and Humidity: -20 ~ +70°C, 20% ~ 90%

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IDD=20mA, VDD=12.8V(TYP)

LED CIRCUIT DIAGRAM



Version Mark

PART NO.

TS021WVC02CQ-B8013B

01	Protective film, YHTT	SZX	250429
00	First	SZX	250401
Ver	Content	Sig	Date