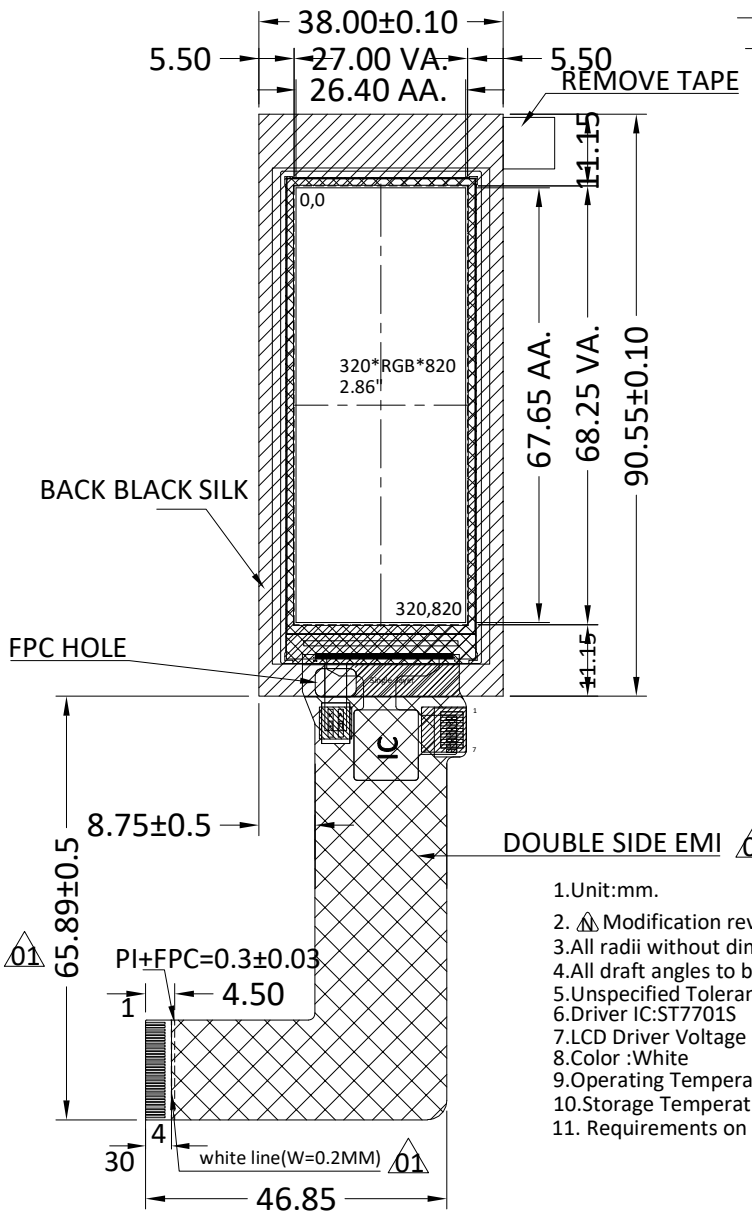
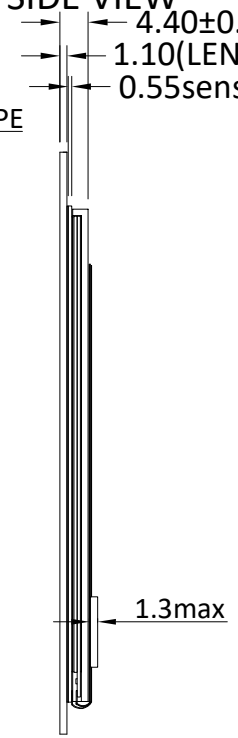
上海冠显光电科技有限公司 ShangHai Top Display Optoelectronics Co.,Ltd	Design:(设计)	Checked:(检查)	Approved:(批准)	TDO's code(冠显料号):	TS028FWV02CQ-I8000A	Edition(版本号):	00
	XR.ZHOU			Customer's code(客户型号):		Edition(版本号):	
Angle(视角):	Unit(单位): mm	Page(页数): 1/1	Date:(日期)	2024-03-18	Customer Approved By(客户承认):		Date(日期):

OPTICAL BONDING
LUMINANCE: 270 NITS

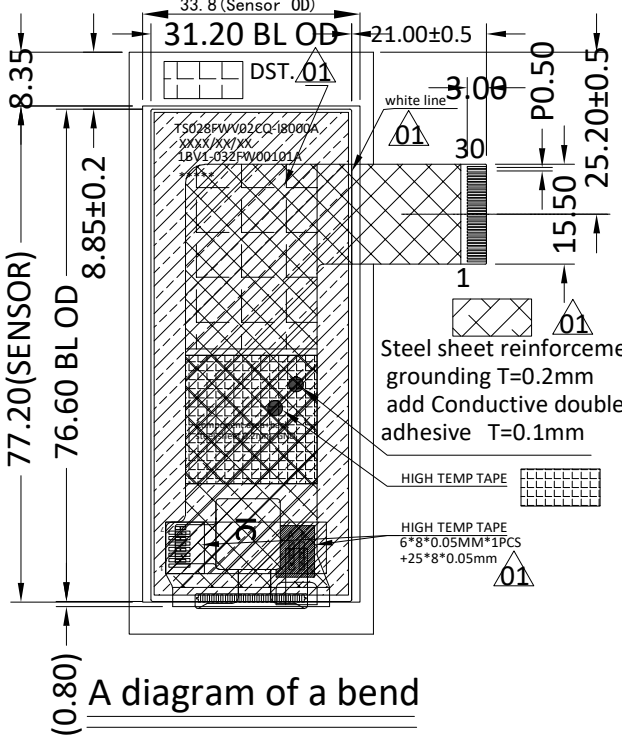
FRONT VIEW



SIDE VIEW



BACK VIEW



A diagram of a bend

PIN No.	Symbol	Description
1	GND	GND
2	GND	GND
3	VCC(3.3V)	POWER INPUT: 3.3V
4	VCC(3.3V)	POWER INPUT: 3.3V
5	GND	GND
6	CS#	Chip selection:LOW active
7	GND	GND
8	DB1	QSPI-DATA1
9	RD#	SPI-DATA0
10	GND	GND
11	WR#	SPI-Clock
12	GND	GND
13	DB3	QSPI-DATA3
14	DB2	QSPI-DATA2
15	GND	GND
16	RESET#	Module_RESET: LOW active
17	Testpad_TX	Reserved a testpad for upgrade default F/W
18	Testpad_RX	Reserved a testpad for upgrade default F/W
19	WAIT#	TE_ Frame synchronize
20	IM0	Configurtation for interface selection(简称I_F选择)
21	IM1	Configurtation for interface selection(简称I_F选择)
22	NC	NOT CONNECTION
23	RS	NOT CONNECTION for QSPI
24	GND	GND
25	TP-INT	CTP-Interruption
26	TP-SDA	CTP-IIC_SDA
27	TP-SCL	CTP-IIC_SCL
28	TP-RST	CTP-RESET
29	TP-VCC	3.3V
30	TP-GND	TP-GND

1	GND
2	TP_INT
3	TP_SDA
4	TP_SCL
5	TP_IOVCC
6	TP_RESET
7	TP_VCI

1.Unit:mm.
2. ⚠ Modification rev.number.
3.All radii without dimension R0.3mm.
4.All draft angles to be 1.5°
5.Unspecified Tolerances is :±0.30mm.
6.Driver IC:ST7701S
7.LCD Driver Voltage :3.3V
8.Color :White
9.Operating Temperature : -20°-- +70°C
10.Storage Temperature : -30°-- +80°C
11. Requirements on Environmental Protection: ROHS HSF

A ——— K
4S*1P=4 LED
VF=12.8V,IF=20mA

Technical specification:
1、Structure G+G: Cover Glass+SCA+ITO GLASS+FPC+adh,Cover Glass:1.1MM, LOCA:0.175mm, ITO GLASS:0.55mm,Total Thickness: 1.83±0.15mm;
2、TP type: GT911, working voltage :3.3V; IO voltage: 3.3V,TX15*RX6
3、Transmittance: ≥85%; TP resolution: X:320,Y:820(The upper left corner of the origin)
4、Operating temperature and humidity range:-20℃~+70℃,≤90%RH; Storage temperature and humidity range:-30℃~+80℃,≤90%RH;
5、Surface hardness: ≥6H (750GF/pencil hardness test);
6、Cover Glass material: AGC tempered Glass , products in line with RoHS standards;
7、Other tolerances not marked :±0.2;

标示	更改内容	签暑	日期
01	Modify as drawing	XR.ZHOU	240416
00	FIRST	XR.ZHOU	240318