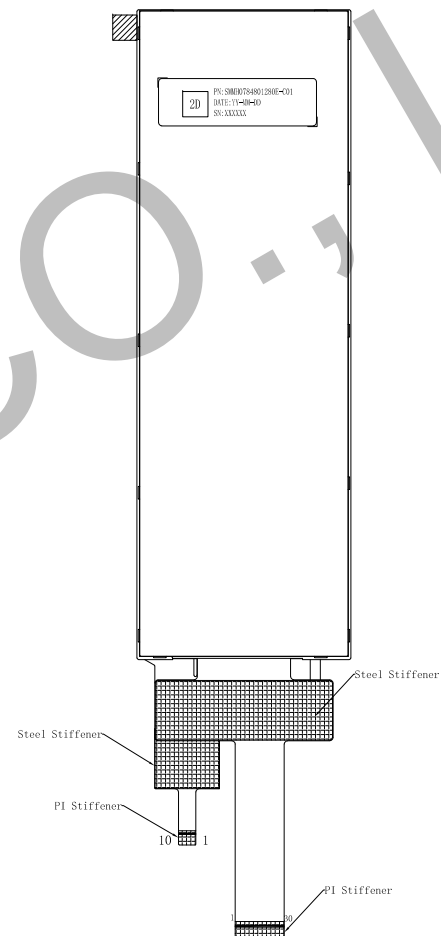
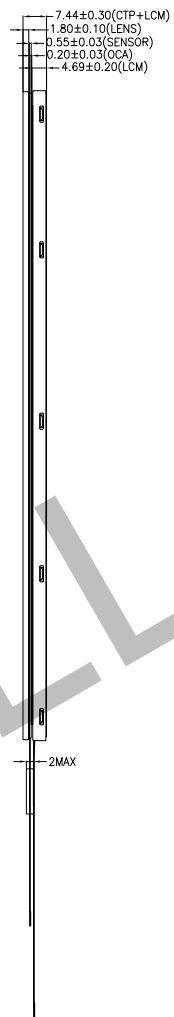
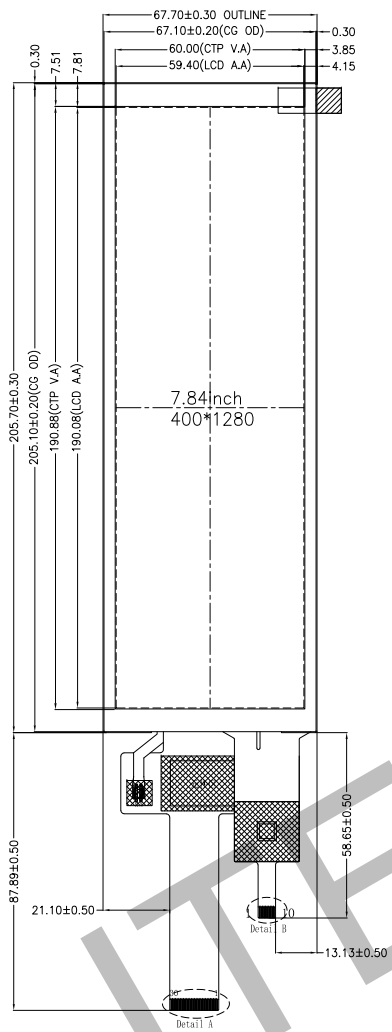




CTP

PIN	SYMBOL	pin	symbol
1	GND	1	I0VCC (1.8V)
2	GND	2	VCI (3.3V)
3	VDD	3	NC
4	GND	4	NC
5	INT	5	NC
6	SDA	6	CS
7	SCL	7	SCL
8	RST	8	SDA
9	GND	9	NC
10	GND	10	RESET
		11	GND
		12	D0_N
		13	D0_P
		14	GND
		15	D1_N
		16	D1_P
		17	GND
		18	CLK_N
		19	CLK_P
		20	GND
		21	D2_N
		22	D2_P
		23	GND
		24	D3_N
		25	D3_P
		26	GND
		27	LEDA
		28	NC
		29	LEDK
		30	NC

pull-up resistor

General specification

Item	specifications	Unit
Active screen size	7.84 inch Diagonal	-
Display resolution	400 x RGB x 1280	pixel
Module size (W x H x T)	67.7 × 205.7 × 7.44	mm
Active area (W x H)	59.4 x 190.08	mm
Pixel pitch (W×H)	0.1485 x 0.1485	mm
Interface	MIPI	-
Module weight	TBD±10%	g
Our components and processes are compliant to RoHS standard.		

Item	specifications
LCD type	a-Si TFT
LCD mode	Normally Black
Polarizer mode	Transmissive
Pixel arrangement	RGB-stripe
Backlight type	LED
Viewing direction(Gray inversion)	80/80/80/80

Interface pin

Interface Pin Description

Pin No.	Symbol	Function
1	IOVCC	I/O Power supply(1.8V)
2	VCI	Power supply (2.8V)
3~5	NC	Not Connect
6	CS	Chip select input pin
7	SCL	A synchronous clock signals
8	SDA	Serial data input/output pin
9	NC	Not Connect
10	RESET	Global reset pin
11	GND	Ground
12	D0_N	Negative MIPI DSI differential data input
13	D0_P	Positive MIPI DSI differential data input
14	GND	Ground
15	D1_N	Negative MIPI DSI differential data input
16	D1_P	Positive MIPI DSI differential data input
17	GND	Ground
18	CLK_N	Negative MIPI DSI differential data input
19	CLK_P	Positive MIPI DSI differential data input
20	GND	Ground
21	D2_N	Negative MIPI DSI differential data input
22	D2_P	Positive MIPI DSI differential data input
23	GND	Ground
24	D3_N	Negative MIPI DSI differential data input
25	D3_P	Positive MIPI DSI differential data input
26	GND	Ground
27	LEDA	Power supply for LED Backlight Anode input
28	NC	Not Connect
29	LEDK	Power supply for LED Backlight Cathode input
30	NC	Ground

CTP Interface CTP

Pin No.	Symbol	Function
1~2	GND	Ground
3	VDD	CTP Power supply(3.3V)
4	GND	Ground
5	INT	CTP State change interrupt(3.3V)
6	SDA	CTP I2C serial data(3.3V)
7	SCL	CTP I2C serial data(3.3V)
8	RST	CTP System reset signal input(3.3V)
9~10	GND	Ground