

TST055HDBS-04C



TSD 5.5 Inch 720*1280 Res. MIPI Interface With CTP For POS

Model Name: TST055HDBS-04C

LCD Type: 5.5 inch TFT LCD display

Resolution: 720*1280

Viewing angle: IPS all viewing angle

Brightness: 380 cd/m²

Driver IC: ST7703

Interface: MIPI

Touch Screen: with

Operating Temperature: -20 ~ +70°C

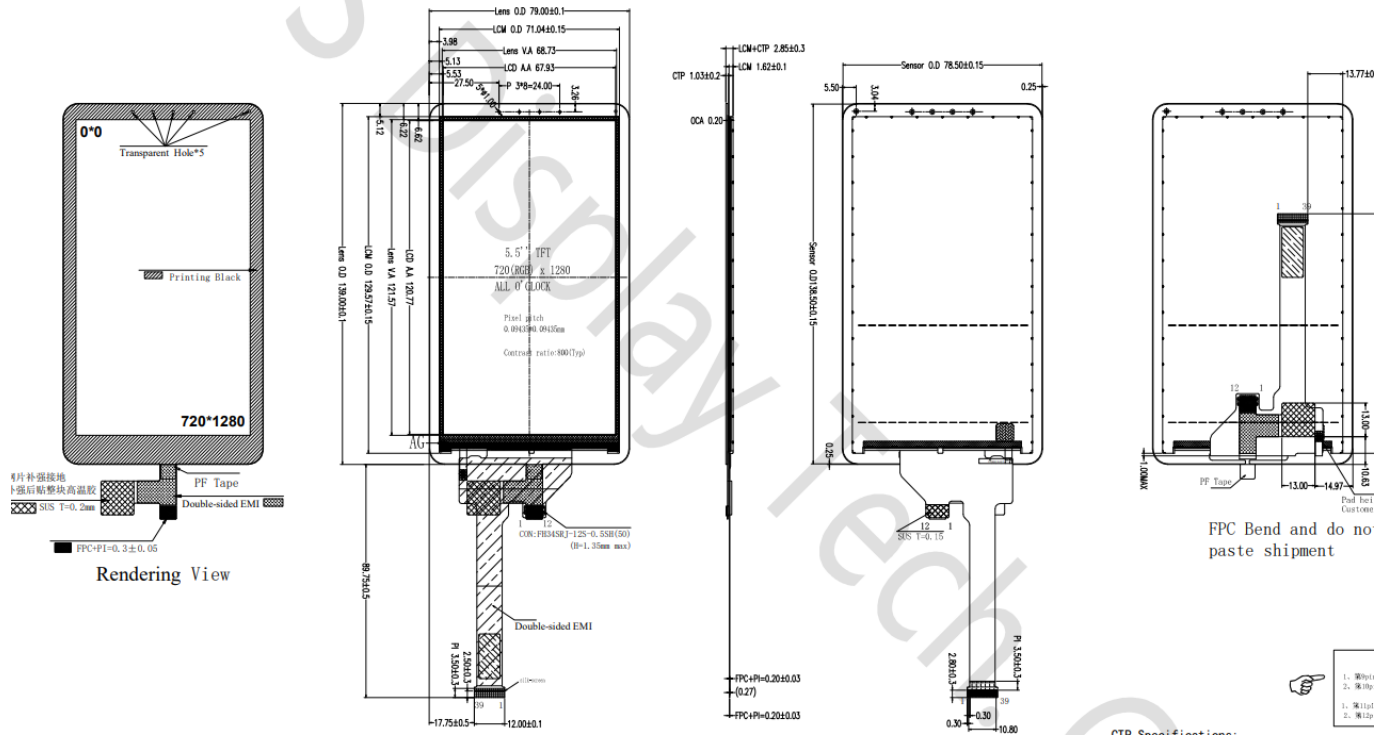
Storage Temperature: -30 ~ +80°C

Description:

TST055HDHI-04C is 5.5 inch 720*1280 resolution LCD display with MIPI interface with CTP, standard brightness is 440cd/m². For this 5.5 inch TFT LCD module, driver IC is ST7703, viewing direction is Free. color depth is 16.7M, operating voltage is 3.3V, this lcd module can be with resistive or capacitive touch panel, customized design are also welcome. this 5.5 inch lcd is suitable for handheld devices. such as Pos machine. Etc

Specification	
Part No.	TST055HDHI-04C
Outline Dimension(mm)	71*129.6*1.62
Active Area(mm)	68.04*120.96
Resolution(dots)	720*RGB*1280
Operating temperature(°C)	-20-70
Storage temperature(°C)	-30-80
Number of Pixel(pixels)	720RGB(H)xRGBx1280(V)
Touch panel	Capacitive touch
Dot Pitch	0.0642(W)x0.1790(H)
Pixel arrangement	RGB Vertical stripe
Display mode	Normal white,IPS, 5.0 inch TFT
Surface treatment	Antiglare
View direction	ALL
Weight(g)	TBD

Power Consumption(w)	Panel	0.226(Typ.)
	B/L system	1.674(Typ.)
Interface	Digital	
Module lifetime(Hours)	50,000-100,000	



Interface Description:

Pin No.	Symbol	I/O	Description
1	GND	P	Ground
2	TP_1V8	P	Power supply 1.8V
3	TP_2V85	P	Power supply 2.85V
4	GND	P	Ground
5	TP_SCL	I	CTP I2C clock input

6	TP_SDA	I/O	CTP 12C data input/output
7	GND	P	Ground
8	TP_INT	O	CTP interrupt signal output pin
9	TP_RST	I	CTP reset signal input pin
10	C4B	-	TBD
11	C5A	-	TBD
12	C5B	-	TBD
13	C4B_A	-	TBD
14	GND	P	Ground
15	2V85	P	Power supply 2.85V
16	1V8	P	Power supply for I/O interface, 1 .8V
17	GND	P	Ground
18	ID	P	LCD Identification pin
19	RST	P	Reset signal
20	TE	O	Frame Sync signal
21	GND	P	Ground
22	D1P	I/O	Data differential signal input pins.(Data lane 1)
23	D1N	I/O	Data differential signal input pins.(Data lane 1)
24	GND	P	Ground
25	CLKP	I/O	Clock differential signal input pins
26	CLKN	I/O	Clock differential signal input pins
27	GND	P	Ground
28	DOP	I/O	Data differential signal input pins.(Data lane 0)

29	D0N	I/O	Data differential signal input pins.(Data lane 0)
30	GND	P	Ground
31	D2P	I/O	Data differential signal input pins.(Data lane 2)
32	D2N	I/O	Data differential signal input pins.(Data lane 2)
33	GND	P	Ground
34	D3P	I/O	Data differential signal input pins.(Data lane 3)
35	D3N	I/O	Data differential signal input pins.(Data lane 3)
36	GND	P	Ground
37	LEDK	P	Back-light Cathode
38	LEDA	P	Back-light Anode
39	GND	P	Ground

Product Features:

- 1.5.5 inch 720*1280res. with 39pins MIPI interface
2. IPS lcd : full viewing angle
- 3.high brightness up to 450nits
- 4.Vertical lcd type with capacitive touch
5. TSD have full ranges of TFT display from 0.96 inch to 32 inch, customized design are warmly welcome