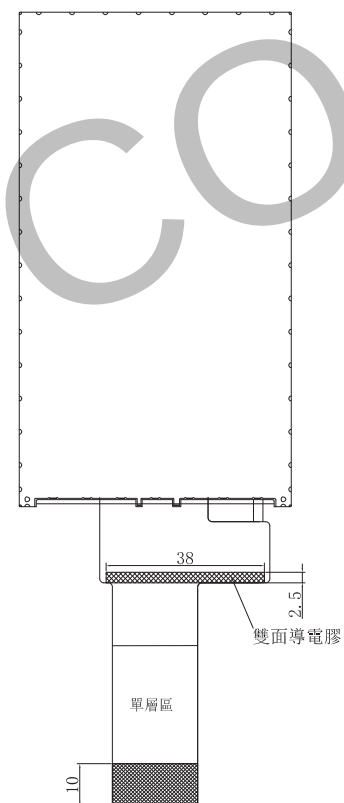
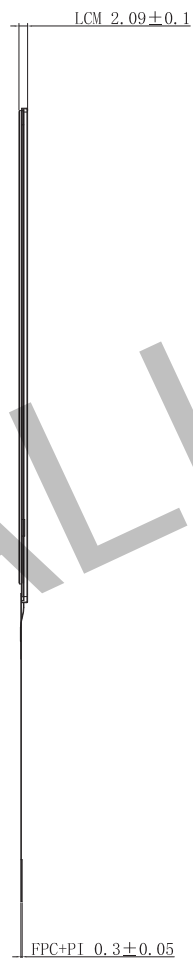
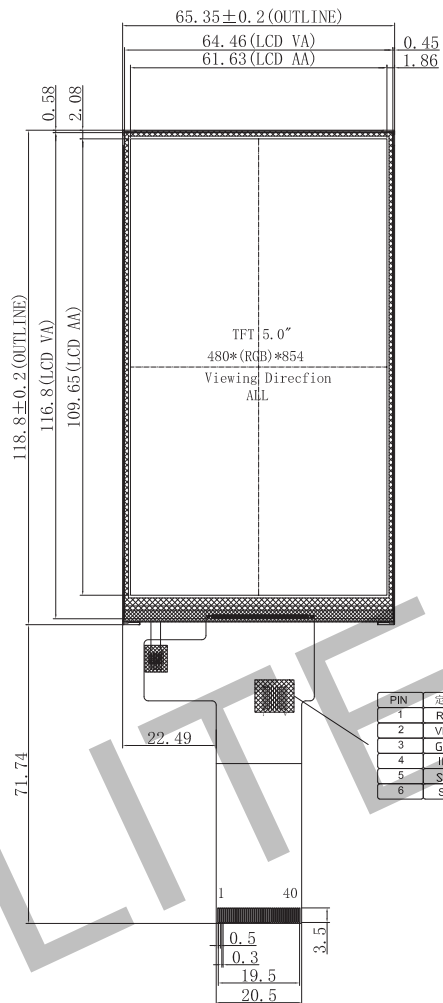




PIN FUNCTION

NO	SIGNAL
1	GND
2	D0P
3	D0N
4	GND
5	D1P
6	D1N
7	GND
8	CLKP
9	CLKN
10	GND
11	NC/D2P
12	NC/D2N
13	GND
14	NC/D3P
15	NC/D3N
16	GND
17	TP-RESET
18	TP-VCC
19	TP-GND
20	TP-INT
21	TP-SDA
22	TP-SCL
23	NC
24	RESET
25	NC
26	NC
27	GND
28	LEDK
29	LEDK
30	GND
31	NC
32	GND
33	GND
34	NC
35	LEDA
36	LEDA
37	GND
38	VCC
39	VCC
40	TE

General specification

Item	specifications	Unit
Active screen size	5.0 inch Diagonal	-
Display resolution	480 x RGB x 854	pixel
Module size (W x H x T)	65.35 × 118.80 × 2.09(Exclude FPC)	mm
Active area (W x H)	61.30 × 109.65	mm
Pixel pitch (W×H)	0.128 x 0.128	mm
Interface	2MIPI	-
Module weight	TBD±10%	g
Our components and processes are compliant to RoHS standard.		

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

Interface pin

Description

Pin No.	Symbol	Function
1	GND	System ground
2	LCD_D0P	DSI-DATA+ differential data signals.
3	LCD_D0N	DSI-DATA- differential data signals.
4	GND	System ground
5	LCD_D1P	DSI-DATA+ differential data signals.
6	LCD_D1N	DSI-DATA- differential data signals.
7	GND	System ground
8	LCD_CLKP	DSI-CLK+ differential data signals.
9	LCD_CLKN	DSI-CLK- differential data signals.
10	GND	System ground
11~12	NC	NC
13	GND	System ground
14~15	NC	NC
16	GND	System ground
17	CTP_RESET	CTP-RESET
18	CTP_VDD	Power supply for analog.
19	CTP_GND	CTP System ground
20	CTP_INT	CTP-INT
21	CTP_SDA	CTP-SDA
22	CTP_SCL	CTP-SCL
23	NC	NC
24	LCD_RESET	Reset signal input terminal, active at 'L'.
25~26	NC	NC
27	GND	System ground
28~29	LEDK	LED Power supply negative
30	GND	System ground
31	NC	NC
32~33	GND	System ground
34	NC	NC
35~36	LEDA	LED Power supply positive
37	GND	System ground
38~39	VCC(2.8v)	Power supply for analog.
40	TE	TE signal