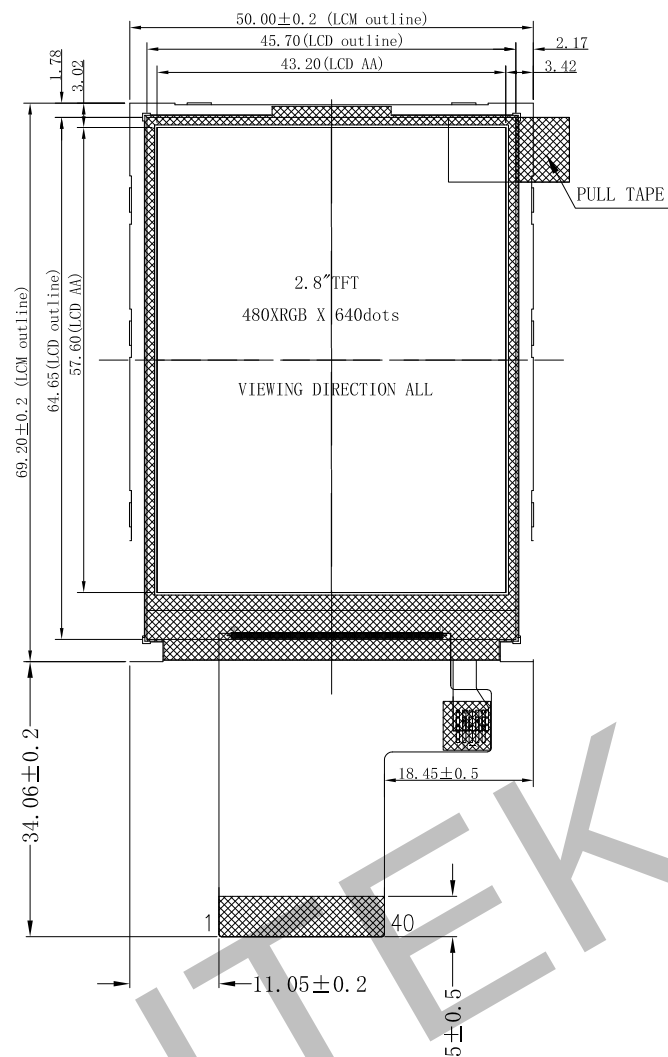
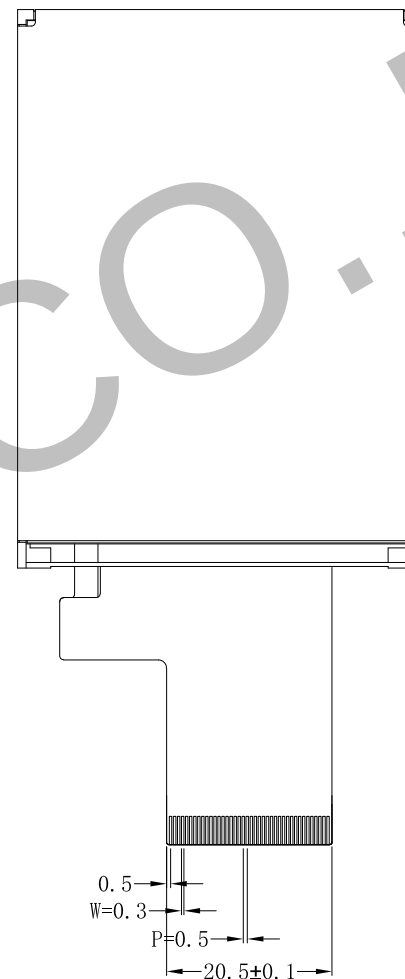




STIFFENER CONTACT SIDE



PIN INTERFACE:

No.	Symbol
1	GND
2	DATA0N
3	DATA0P
4	GND
5	DATA1N
6	DATA1P
7	GND
8	CLKN
9	CLKP
10	GND
11	NC
12	NC
13	GND
14	NC
15	NC
16	GND
17	GND
18	IOVCC_1.8V
19	IOVCC_1.8V
20	NC
21	NC
22	TE
23	NC
24	LCD_RST
25	NC
26	NC
27	GND
28	K
29	K
30	GND
31	NC
32	GND
33	GND
34	NC
35	A
36	A
37	GND
38	VCI
39	VCI
40	NC

General specification

Item	specifications	Unit
Active screen size	2.8 inch Diagonal	-
Display resolution	480x RGB x 640	pixel
Module size (W x H x T)	50.00×69.20×2.40(Exclude FPC)	mm
Active area (W x H)	43.20×57.60	mm
Pixel pitch (W×H)	0.09 x 0.09	mm
Interface	2 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

Pin No.	Symbol	Function
1	GND	System ground
2	LCD_D0N	DSI-DATA- differential data signals.
3	LCD_D0P	DSI-DATA+ differential data signals.
4	GND	System ground
5	LCD_D1N	DSI-DATA- differential data signals.
6	LCD_D1P	DSI-DATA+ differential data signals.
7	GND	System ground
8	LCD-CLKN	DSI-CLK- differential data signals.
9	LCD-CLKP	DSI-CLK+ differential data signals.
10	GND	System ground
11-12	NC	NC
13	GND	System ground
14-15	NC	NC
16-17	GND	System ground
18-19	IOVCC(1.8V)	Power supply for logic.
20-21	NC	NC
22	TE	TE signal
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	NC	LED Power supply positive
37	GND	System ground
38-39	VCI	Power supply for analog.
40	NC	NC