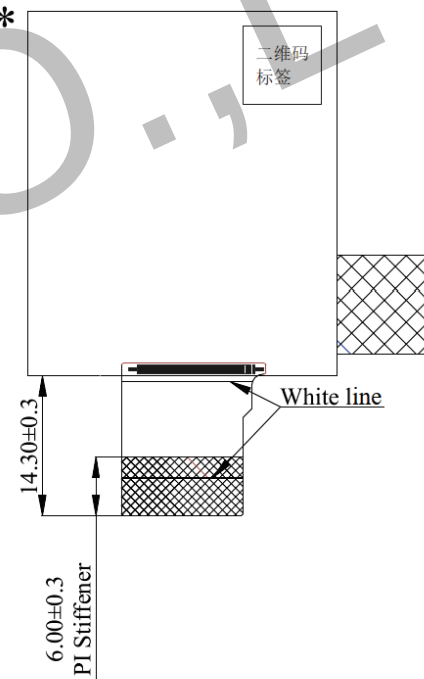
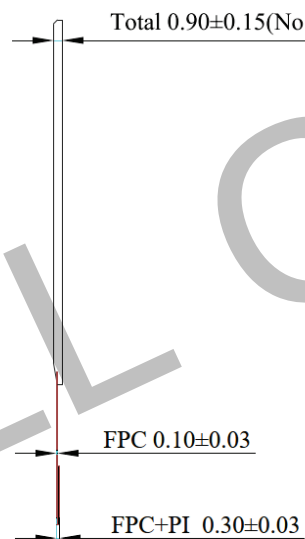
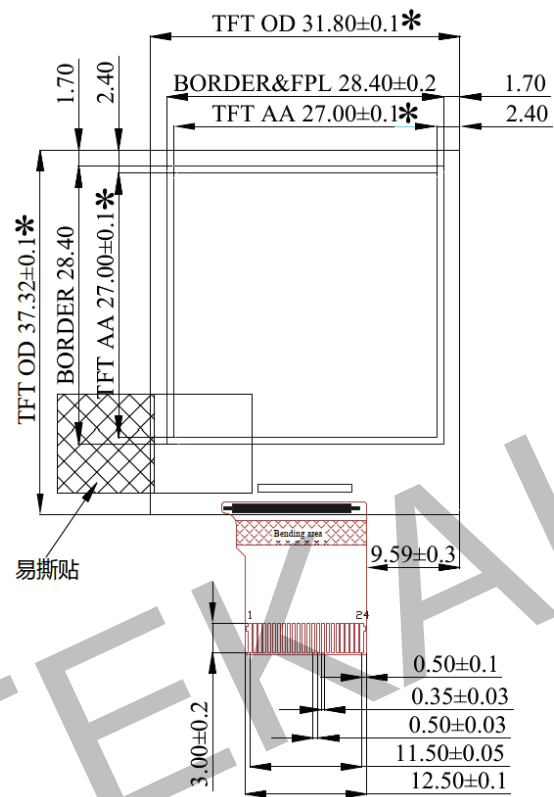




Mechanical Specifications

Parameter	Specifications	Unit	Remark
Screen Size	1.54	Inch	
Display Resolution	200(H)×200(V)	Pixel	Dpi:188
Active Area	27.00 (H)×27.00(V)	mm	
Pixel Pitch	0.135×0.135	mm	
Pixel Configuration	Square		
Outline Dimension	37.32(H)×31.80(V) ×0.95(D)	mm	Without masking film
Weight	2.1±0.2	g	

ABSOLUTE MAXIMUM RATING

Parameter	Symbol	Rating	Unit	Humidity	Unit	Note
Logic Supply voltage	VCC,VDDIO	-0.5~6.0	V	45~70	%RH	Note 8-1
Operation temperature range	TOPR	0~50	°C	45~70	%RH	
Storage temperature range	TSTG	-25~60	°C	45~70	%RH	Note 8-2
Transportation temperature range	TTTG	-25~60	°C	45~70	%RH	Note 8-3
GND	Ground	-	-		-	Connect to Ground

Power Consumption

Parameter	Symbol	Conditions	TYP	Max	Unit	Remark
Panel power consumption during update	-	25°C		80	mAs	-

MAs=update Average current ×update time

The Typical power consumption is measured using associated 25°C waveform with

Input/output Terminals

Pin #	Single	Description	Remark
1	NC	No connection and do not connect with other NC	Keep Open
2	GDR	This pin is N-MOS gate control.	
3	RESE	Current sense input for control loop.	
4	NC	No connection and do not connect with other NC	Keep Open
5	VSH2	Positive source voltage for Red	
6	GND		Note 6-6
7	GND		Note 6-6
8	BS	Input interface setting.	Note 6-5
9	BUSY_N	This pin indicates the driver status.	Note 6-4
10	RST_N	Global reset pin	Note 6-3
11	DC	Serial communication Command/Data input	Note 6-2
12	CSB	Serial communication chip select.	Note 6-1
13	SCL	Serial communication clock input.	
14	SDA	Serial communication data input.	
15	VDDIO	IO voltage supply	
16	VCC	Digital/Analog power.	
17	VSS	Digital ground	
18	VDD	1.5V voltage input & output	
19	VPP	OTP program power (10V)	
20	VSH1	Positive source voltage	
21	VGH	Positive gate voltage	
22	VSL	Negative source voltage.	
23	VGL	Negative gate voltage.	
24	VCOM	VCOM driving voltage	