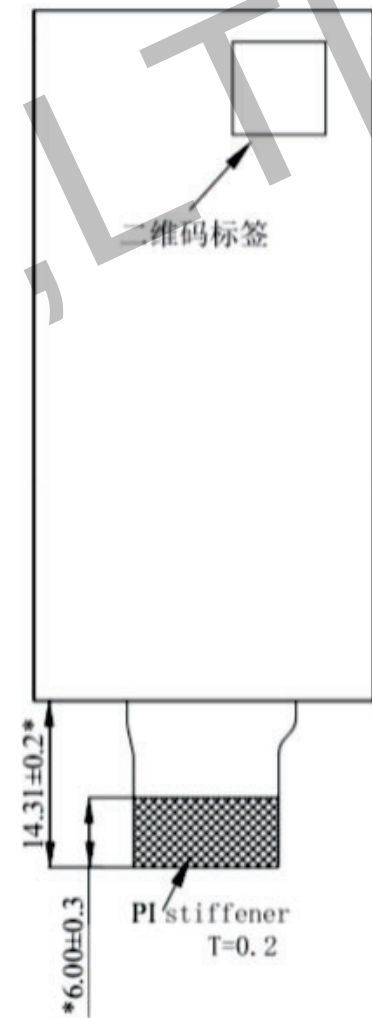
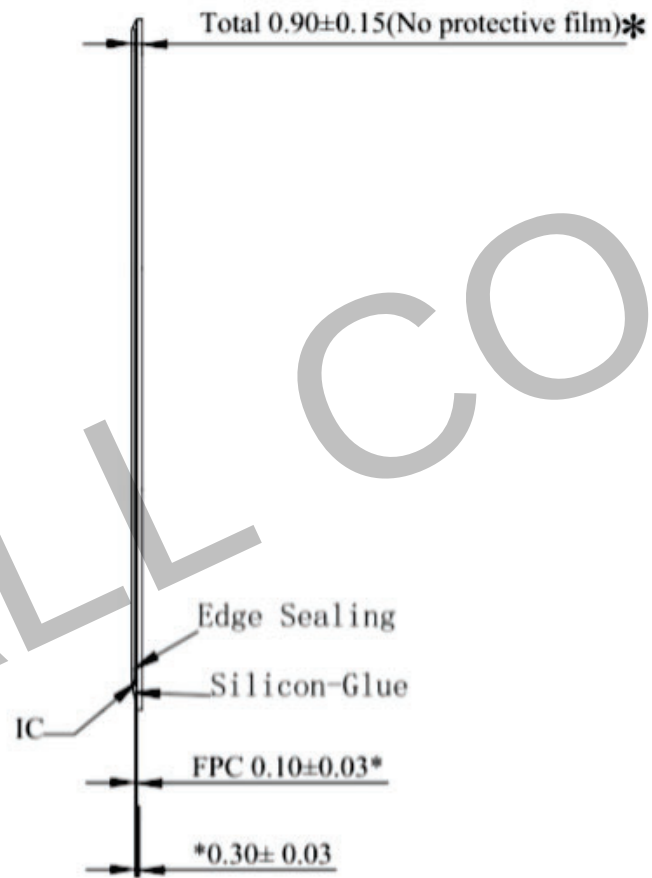
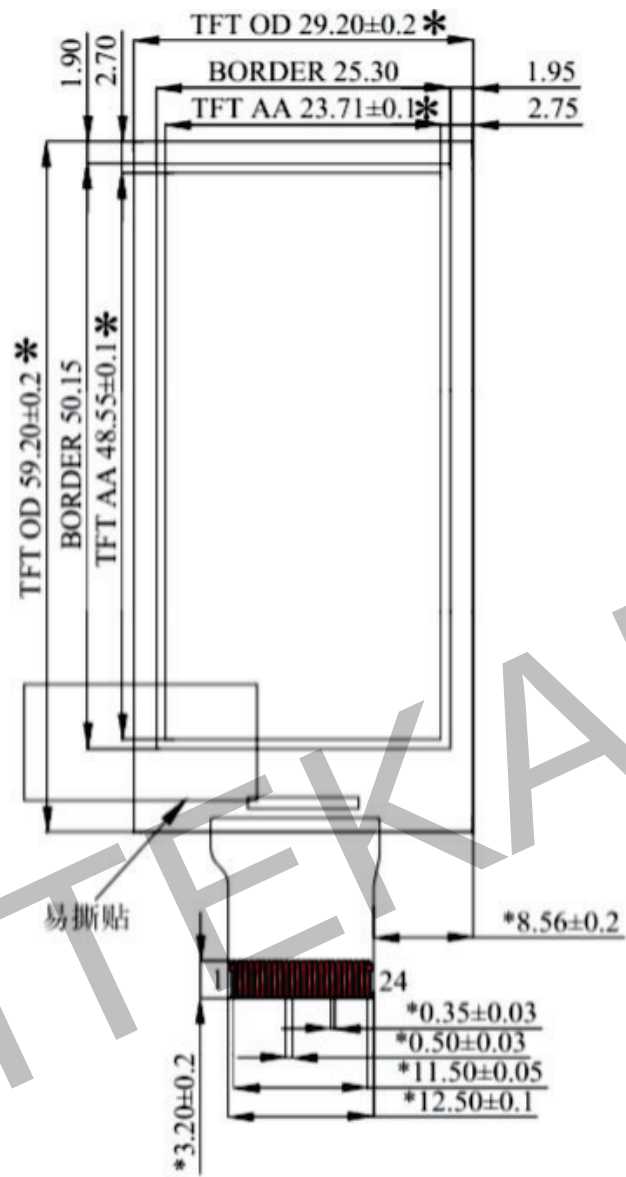




Mechanical Specifications

Parameter	Specifications	Unit	Remark
Screen Size	2.13	Inch	
Display Resolution	122(H)×250(V)	Pixel	Dpi:131
Active Area	23.71(H)×48.55(V)	mm	
Pixel Pitch	0.1943×0.1942	mm	
Pixel Configuration	Rectangle		
Outline Dimension	29.2(H)×59.2(V) ×0.9(D)	mm	Without masking film
Weight	3.0±0.2	g	

Absolute Maximum Rating

Symbol	Parameter	Rating	Unit	Humidity	Unit	Note
V _{DD}	Logic supply voltage	-0.3 to +6.0	V	-	-	
T _{OPR}	Operation temperature range	0 to 40	°C	45 to 70	%	
T _{tgt}	Transportation temperature range	-25 to 60	°C	45 to 70	-	Note11-2
T _{stg}	Storage condition	0 to 40	°C	45 to 70	%	Maximum storage time: 5 years

Power Consumption (Price tag screen)

Parameter	Symbol	Conditions	TYP	Max	Unit	Remark
Panel power consumption during update	-	25°C	-	70	mAs	-
Deep sleep mode	-	25°C	-	3	uA	-

mAs=update average current×update time

Input/output Terminals

Pin #	Single	Description	Remark
1	NC	No connection and do not connect with other NC pins	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 pins	Keep Open
5	VSHR	Positive source voltage for Red	
6	TSCL	I2C clock for external temperature sensor	Note 6-6
7	TSDA	I2C data for external temperature sensor	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	VDD	Digital/Analog power.	
17	VSS	Digital ground	
18	VDD_15V	1.5V voltage input & output	
19	VMTP	MTP program power (10V)	
20	VSH	Positive source voltage	
21	VGH	Positive gate voltage	
22	VSL	Negative source voltage.	
23	VGL	Negative gate voltage.	
24	VCOM	VCOM driving voltage	