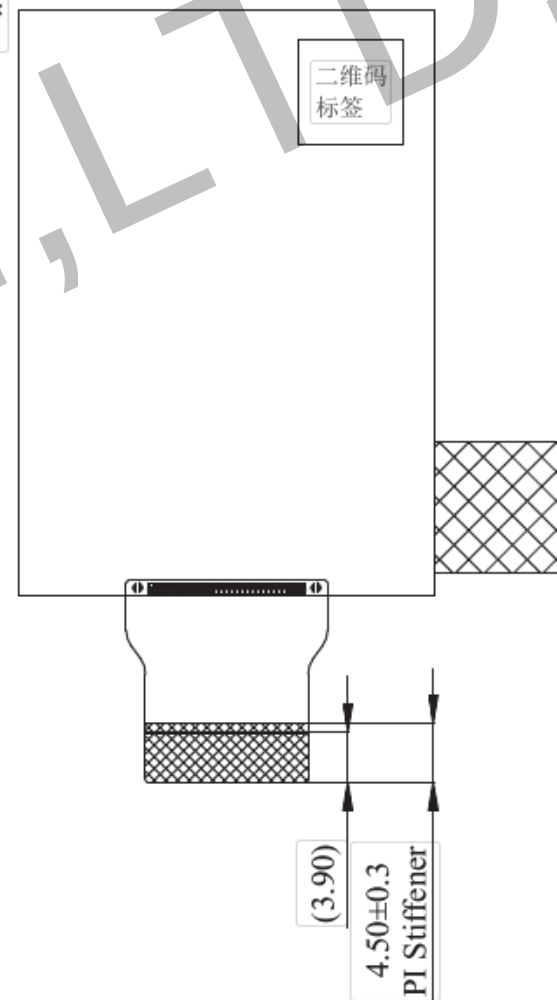
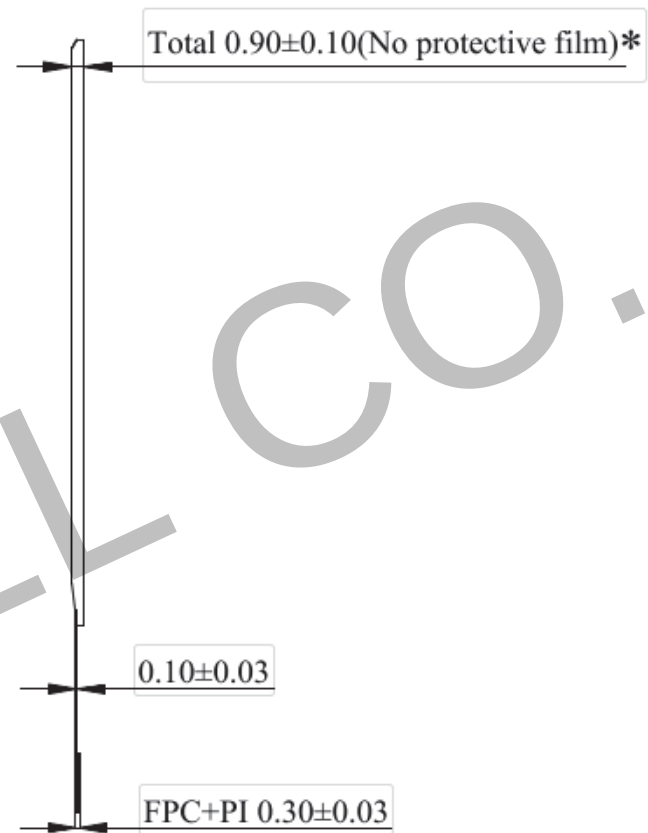
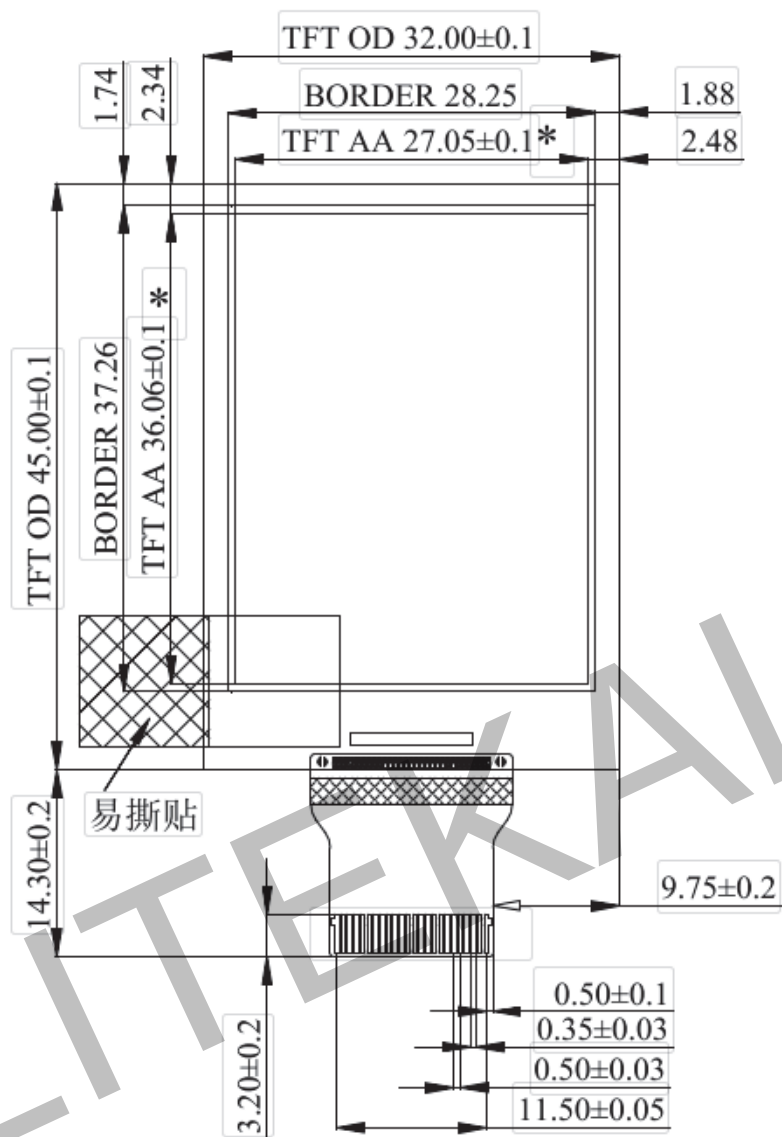




Mechanical Specifications

Parameter	Specifications	Unit	Remark
Screen Size	1.8	Inch	
Display Resolution	224(H)×168(V)	Pixel	Dpi:158
Active Area	27.05(H)×36.06(V)	mm	
Pixel Pitch	0.161×0.161	mm	
Pixel Configuration	Rectangle		
Outline Dimension	45(H)×32 (V) ×0.9(D)	mm	Without masking film
Weight	TBD	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	0~40	°C	45~70	%RH	
Storage temperature range	TSTG	-25~50	°C	45~70	%RH	Note 8-2
Transportation temperature range	TTTG	-25~50	°C	45~70	%RH	Note 8-3
GND	Ground	-	-		-	Connect to Ground

Power Consumption （Price tag screen）

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

Input/output Terminals

Pin #	Single	Description	Remark
1	NC	No connection and do not connect with other NC pins	Keep Open
2	GDR	N-Channel MOSFET Gate Drive Control	
3	RESE	Current Sense Input for the Control Loop	
4	NC	No connection and do not connect with other NC pins	Keep Open
5	VDHR	Positive Source driving voltage	
6	GND		Note 6-6
7	GND		Note 6-6
8	BS	Bus selection pin	Note 6-5
9	BUSY_N	Busy state output pin	Note 6-4
10	RST_N	Reset	Note 6-3
11	DC	Data /Command control pin	Note 6-2
12	CSB	Chip Select input pin	Note 6-1
13	SCL	serial clock pin (SPI)	
14	SDA	serial data pin (SPI)	
15	VDDIO	Power for interface logic pins	
16	VDD	Power Supply pin for the chip	
17	GND	Ground	
18	VDDD	Core logic power pin	
19	VPP	Power Supply for OTP Programming	
20	VSH	Positive source driver Voltage	
21	VGH	Positive Gate driving voltage	
22	VSL	Negative Source driving voltage	
23	VGL	Negative Gate voltage.	
24	VCOM	VCOM driving voltage	