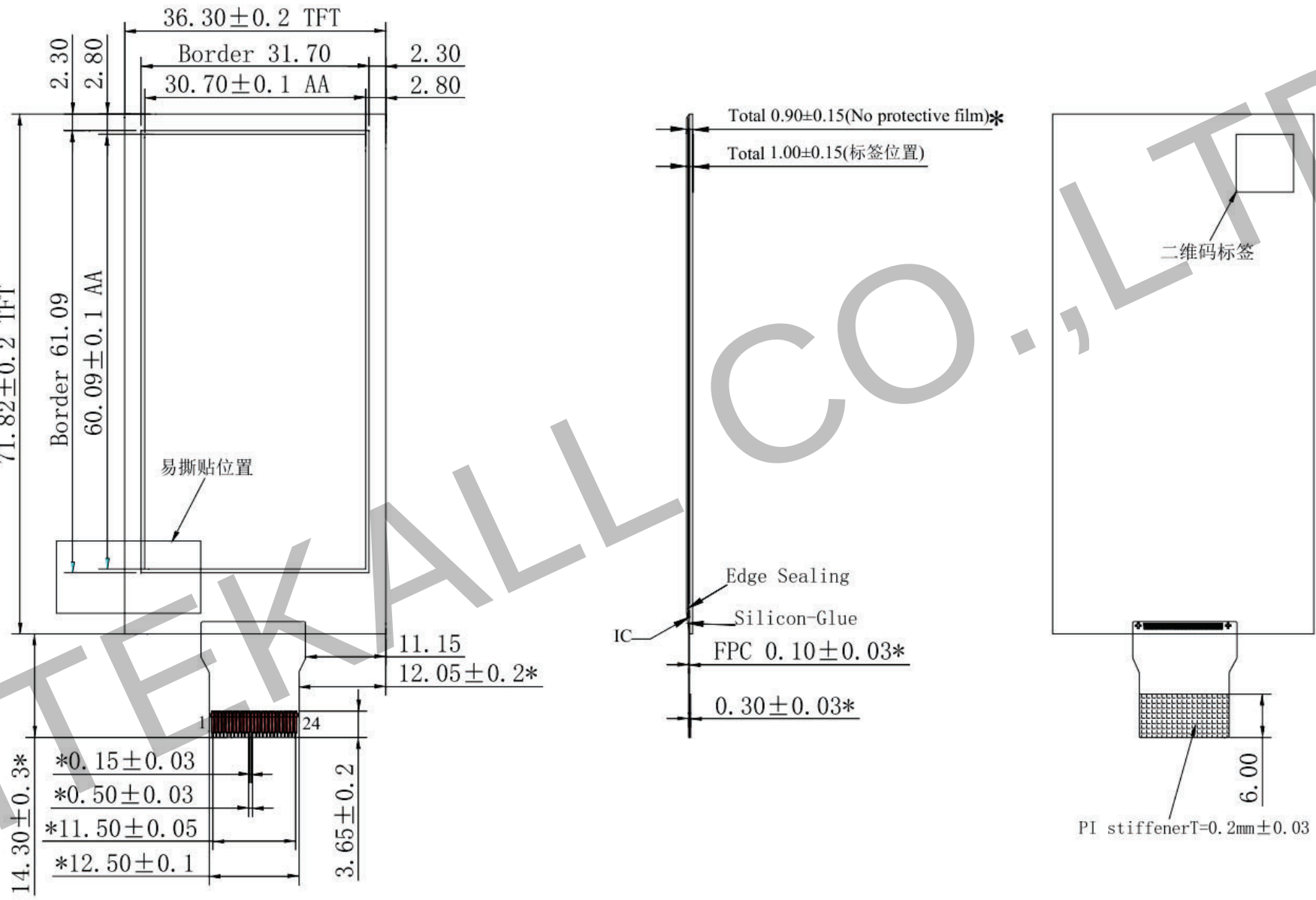

Mechanical Specifications

Parameter	Specifications	Unit	Remark
Screen Size	2.66	Inch	
Display Resolution	152(H)×296(V)	Pixel	Dpi:125
Active Area	30.70(H)×60.09(V)	mm	
Pixel Pitch	0.202×0.203	mm	
Pixel Configuration	Rectangle		
Outline Dimension	36.3(H)×71.82(V) ×0.9(D)	mm	**Without masking film**
Weight	5±0.5	g	

ABSOLUTE MAXIMUM RAT

Table 12-1: Maximum Ratings

Symbol	Parameter	Rating	Unit	Humidity	Unit	Note
V_{CI}	Logic supply voltage	-0.5 to +6.0	V	-	-	
T_{OPR}	Operation temperature range	0 to 50	°C	35 to70	%	
Tttg	Transportation temperature range	-25 to 60	°C	-	-	Note12-2
Tstg	Storage condition	0 to 40	°C	35 to70	%	Maximum storage time: 5 years

Power Consumption

Parameter	Symbol	Conditions	TYP	Max	Unit	Remark
Panel power consumption during update	-	25℃	-	30	mAs	-
Deep sleep mode	-	25℃	-	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	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	VSH2	Positive Source driving voltage	
6	TSCL	I²C Interface to digital temperature sensor Clock pin	Note 6-6
7	TSDA	I²C Interface to digital temperature sensor Data pin.	Note 6-6
8	BS1	Bus selection pin	Note 6-5
9	BUSY	Busy state output pin	Note 6-4
10	RES #	Reset signal input.	Note 6-3
11	D/C #	Data /Command control pin	Note 6-2
12	CS #	The chip select input connecting to the MCU.	Note 6-1
13	SCL	Serial clock pin for interface.	
14	SDA	Serial data pin for interface.	
15	VDDIO	Power input pin for the Interface.	
16	VCI	Power Supply pin for the chip	
17	VSS	Ground (Digital)	
18	VDD	Core logic power pin	
19	VPP	Power Supply for OTP Programming	
20	VSH1	Positive Source driving voltage	
21	VGH	Power Supply pin for Positive Gate driving voltage and VSH	
22	VSL	Negative Source driving voltage	
23	VGL	Power Supply pin for Negative Gate driving voltage, VCOM and VSL	
24	VCOM	VCOM driving voltage	