Winstar Display Co., LTD
華凌光電股份有限公司
WEB: https://www.winstar.com.tw E-mail: sales@winstar.com.tw

SPECIFICATION

CUSTOMER : _____

MODULE NO.: TSG320240A1241XXXX00

APPROVED BY:	
(FOR CUSTOMER USE ONLY)	**PCB VERSION:** **DATA:**

Represented by:

first FC components

FIRST Components srl Via Cavour 69, 21020 Buguggiate (VA)

T. +39 0332 1888005 web: www.first-components.com

1.General Specification

1.1. Structure: ITO Film+ ITO Glass+ FPC connector

1.2. Dimension:

Items	Standard Value	Unit
Outline dimension	137.0±0.2(L) x107.0±0.2(W) x 1.4±0.15(T)	mm
View area	122.6(L) ±0.5 x 93.8(W) ±0.5	mm
Active area	116.2(L) x 87.3(W)	mm
FPC length	12.9±0.5	mm

2.Electrical Characteristics

Electrical Grade：5V(DC),1mA

Light Transmission：film with film model-550nm 81±3%

Insulation Impedance : Analog type—25V(DC) 、20MΩ↑

Top Circuit Resistance：400±100Ω

Bottom Circuit Resistance：400±100Ω

Top Circuit Loop Resistance：200Ω~900Ω.

Bottom Circuit Loop resistance：200Ω~900Ω.

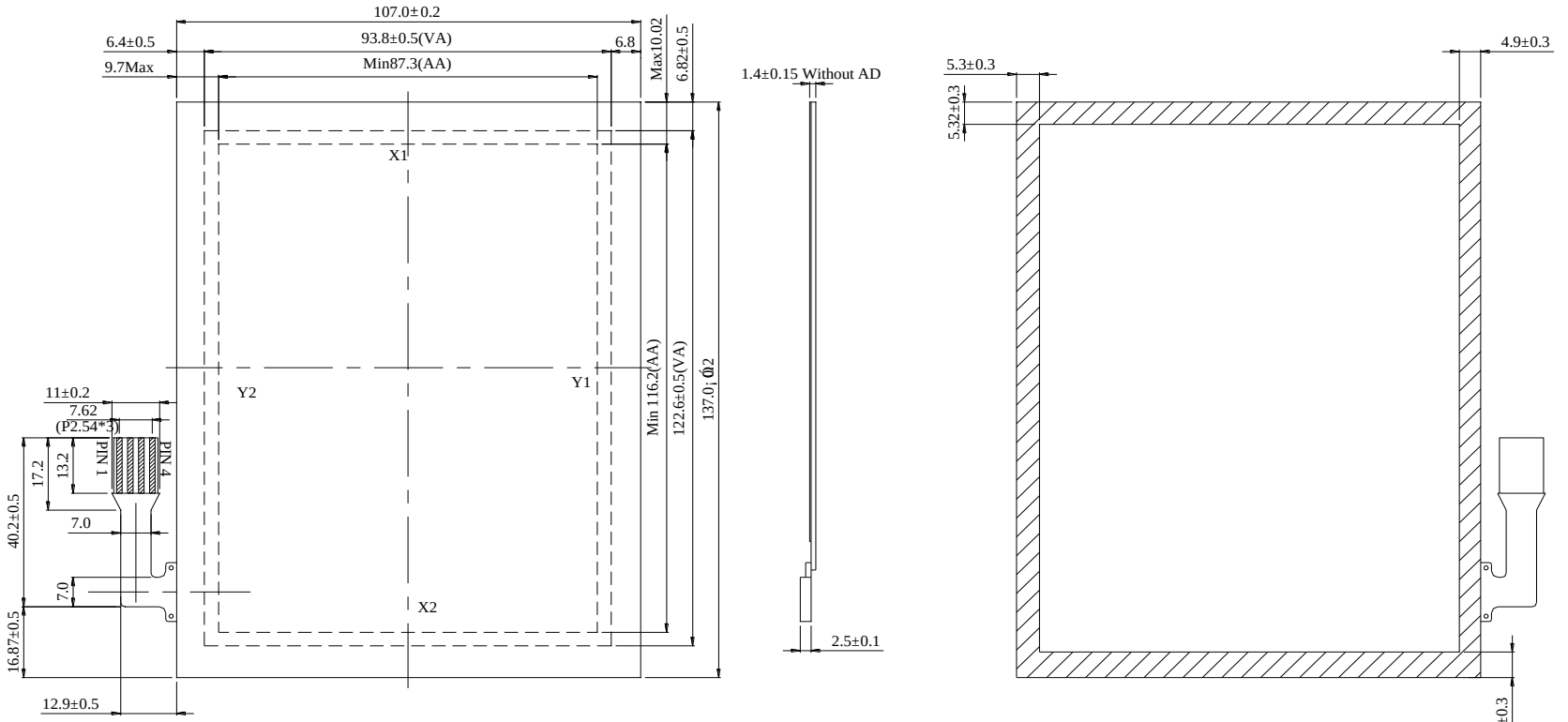
Chattering Time：≤15ms

Linearity(for Resistive type only)：≤1.5%

Pen Hitting Durability：≥1000000 times（with the R3.0 silicon rubber）

Pen sliding Durability：＞100000 times

3.Contour Drawing



PIN NO.	Assignment
1	X2
2	X1
3	Y1
4	Y2

TOUCH PANEL PIN ASSIGENMENT

The non-specified tolerance of dimension is ±0.3mm.