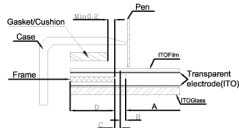


Approved by:

REV	DESCRIPTION	DESIGN	DATE
A	1'ST DEGIN	JAVEN	May-13-2013
B			

Structure and Area definition



A:Active area

The area which guarantees a touch panel operation with the following characteristics when passed,
 (1)Operation force, (2)Electric characteristics,
 (3)Tapping durability, (4)Pen sliding durability.

B:Operation non-guaranteed area

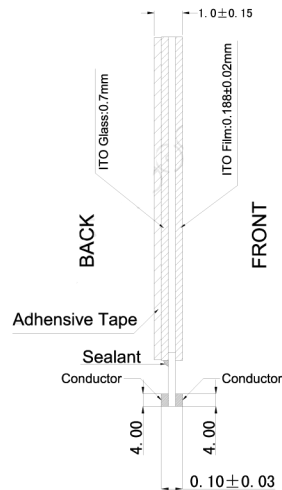
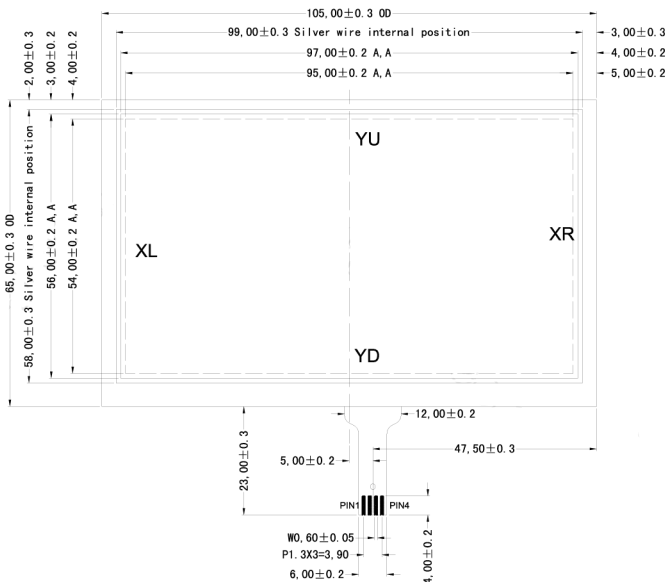
The area which does not guarantee a touch panel operation and its function when this area is pressed, touch panel shows degradation of its performance and durability such as a pen sliding durability becomes about one-tenth compared with the active area (Area-a) as guaranteed area and its operation force requires about double. About 0.5mm outside from a boundary of the active corresponds to this area.

C:Pressing prohibition area.

The area which forbids pressing, because an excessive load is applied a transparent electrode and a serious damage is given to touch panel function by pressing.

D:Non-Active area

The area which does not activate even if passed.



Notes:

- Type: film+glass+FPC
Film: Matte screen (0.188mm)
- Operating Voltage: 3V 5V
- operation Temperature: -10°C ~ 60°C
Storage Temperature: -20°C ~ 70°C
- Connect Material: FPC
- Response Time: ≤30ms
- Linearity: ≤1.5%
- Transmittance: ≥75%
- Surface Hardness: ≥3H (Pencil)
- operation force: ≤100g
- Resistance:
(ITO Film): 200Ω ~ 700Ω
(ITO Glass): 300Ω ~ 900Ω
- Unspecified Tolerance: ±0.20
- ROHS Standard



Circuit Diagram

Pin NO:	Assignment
1	YU
2	XL
3	YD
4	XR

深圳旭日东方科技有限公司
 EASTRISING TECHNOLOGY CO.,LTD

APPROVALS	DATE	MODEL NUMBER :	GENERAL TOL.	UNITS
APP		ER-TP043-3	SCALE:	MM
CHK			N.T.S.	
IIM	May-13	DO NOT SCALE THIS DRAWING.	PROJECTION	SHEET: 1