Notes:
1. Type: film+glass+FPC
2. Operating Voltage: 3V 5V
3. Operation Temperature: +10°C ~ 60°C <= 90%RH
4. Life: 1,000,000 times
5. Response Time: ≤ 10ms
6. Linearity: ≤ ±1.5%
7. Transmittance: ≥ 80%
8. Surface Hardness: 3H (Pencil)
9. Operation force: ≤ 100g
10. Resistance:
   - (ITO Film) x = 2000 ~ 10000Ω
   - (ITO Glass) x = 2000 ~ 9000Ω
11. Unspecified Tolerance: ≤ ±5.0%
12. ROHS Standard

Structure and Area definition

Active area
The area which guarantees a touch panel operation with the following characteristics when passed:
1) Operation force
2) Electric characteristics
3) Taping durability
4) Pen slitting durability

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 peeling out. The area is marked with a dotted line. About 0.5mm outside from a boundary of the active area.

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

Non-Active area
The area which does not activate even if pressed.

Black double-sided adhesive thickness = 0.15MM