



- Instruction:**
1. Type: Film to Glass
  2. Operating Voltage:  $\leq 10V$
  3. Response Time:  $\leq 10ms$
  4. Storage Temperature:  $-20^{\circ}C \sim +70^{\circ}C$
  5. Operation Temperature/Humidity:  $-10^{\circ}C \sim +60^{\circ}C$  / 20%~95%
  6. Hitting Life:  $> 1,000,000$  Times,  $\leq 50gf$  Force;
  7. Writing Life:  $> 100,000$  Times  $\leq 250gf$  Force;
  8. Connect Material: FPC+PIN
  9. Film Thickness: 0.188mm
  10. Glass Thickness: 1.8mm
  11. Light transmission:  $\geq 78\%$
  12. Force: 100g or more
  13. Linearity:  $\leq 1.5\%$
  14. Insulation:  $\geq 20M\Omega$
  15. Resistance: X: 400  $\Omega$  ~ 700  $\Omega$ ; Y: 235  $\Omega$  ~ 400  $\Omega$ ;
  16. Surface Hardness:  $\geq 3H$  (pencil)

Touch-Pane-VTW4170A0			
REVISIONS			
SCALE	1:1	MATERIAL	F/G
UNIT	MM	TOLERANCE	$\pm 0.3mm$
DESIGN	John	DATE	20090505
CHECK	John	DATE	20090505
RELEASE	J	DATE	20090505