

Membrane Switch/Membrane Keypad Capabilities:

Item	Description	Technical capabilities
1	Max. Size:	1100mm x 2000mm
2	Overlay Material:	<p>PET: Autotype (Autotex F150, F200, F280, V150, V200, V280, Autoflex EBG130, EBG180, EBG250, EBA130, EBA180, EBA250) Autotex : XEV150, XEF200; Autostat CT3、CT4、CT5、CT7 DuPont, Toray PET etc. Domestic Brand PET (Sichuan Dongfang)</p> <p>PC: GE LEXAN--8010 8B35 8B35F HP92S HP40 FR700 FR60 Bayer PC—Makrofol, /Bayfol, Marnot/ProTek Domestic Brand PC etc.</p>
3	Spacer:	3M Adhesive, NITTO、TESA、SONY、SEKISUI、Domestic Adhesive
4	Back Adhesive:	3M(Mainly), Others(Little)
5	Silver Paste:	<p>CHANGSUNG: CSP-3163, CSP-3352, CSP-5150; ACHESON: ED 725A(6S-61), ED 427SS, ED 479SS, ED 976SS HV; FUJIKURA and OTTI</p>
6	Oil Ink:	SEIKO, JUJO, DUBUIT, PROELL, NORCOTE UV
7	Carbon Paste:	FUJIKURA, ACHESON ED 581SS, OTTI
8	Typical 6 Layers Metaldome Type Membrane Switch Structure	Overlay + Spacer + Dome Retainer + Spacer + Circuit Layer+ Back adhesive
9	Typical 4 Layers Polydome Type Membrane Switch Structure	Overlay + Spacer + Circuit + Back adhesive
10	Contact Resistance	0.5-10Ω
11	Insulation Resistance	≥10MΩ (100VDC)
12	Base Material Voltage Durable	2000V DC
13	Bounce Time	≤5ms
14	Working Current	≤100mA
15	Working Voltage	≤50VDC
16	Life	≥1,000,000 times
17	Key Travel	Flat type: 0.05mm-0.5mm, Tactile Type: 0.1-1.5mm
18	Working Temperature	-40℃-+80℃
19	Actuation Force	20-550g
20	Storage Condition	Temperature: -40℃~+85℃ ,Humidity: ≤98% RH
21	PET Circuit Tail Flexible Feature	180° to any angle