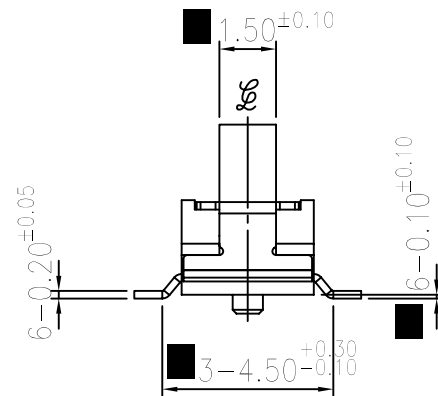
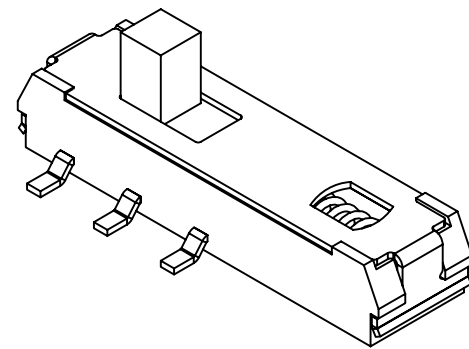
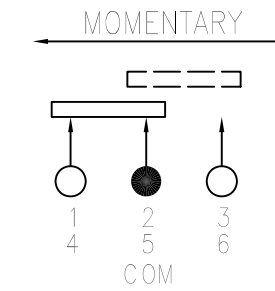


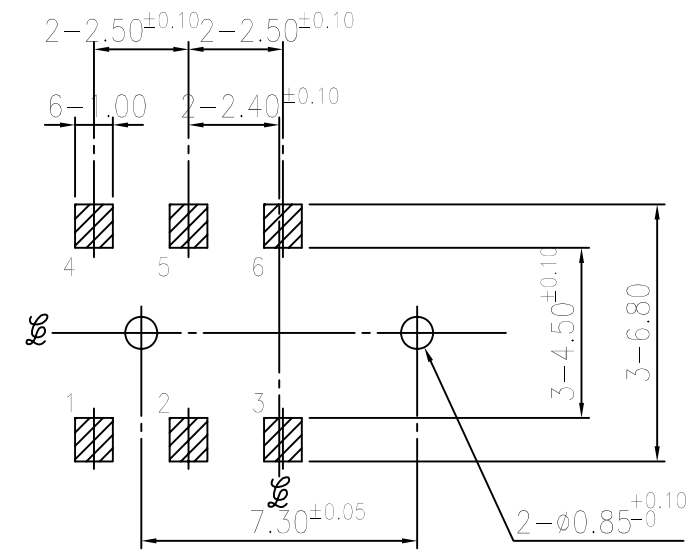
- SPECIFICATIONS:
- 1.RATING: 12VDC. 100mA.
 - 2.CONTACT RESISTANCE: 100m MAX.
 - 3.INSULATION RESISTANCE: 100VDC-100M MIN.
 - 4.WITHSTAND VOLTAGE: 100VAC-1 MINUTE
 - 5.OPERATING FORCE: 170±50gf
 - 6.CIRCUIT: 1 POLE 2 THROW
 - 7.TRAVEL: 1.50+0.30/-0.10mm
 - 8.LIFE CYCLE: 25,000 CYCLES.
 - 9.THE COPLANARITY OF ALL TERMINALS IS WITHIN 0.10mm.



CIRCUIT DIAGRAM



P.C.B. LAYOUT



VIEW FROM THE DIRECTION A

NO.	PART NAME	MATERIAL	Q'TY	FINISHING
1	COVER	SUS301	1	
2	FRAME	PA+G	1	
3	SLIDER	PA+G	1	
4	TERMINAL	C2680	3	Aq PLATED
5	CONTACT	C5210	1	Aq PLATED
6	BEARING	SUS	1	

SYM	DISCRIPTION	DATE	APPROVED
△			
△			
△			
△			
△			

TACLEX TACLEX ELECTRONICS CO., LTD.

TOLERANCES UNLESS OTHERWISE SPECIFIED LINEAR: ±0.30 ANGULAR: ±3°		SIGNATURES	DATE	TITLE
REVISIONS	SCALE	James	2008.07.16	SLIDE SWITCH
A	5/1	Andy	2008.07.16	NO.
		Rex	2008.07.16	SSF-100

- 1 Test conditions:
Standard test conditions shall be 5~35°C in temperature, 45~85%RH in humidity and 86~106kPa in atmospheric pressure. should any doubt arise in judgment, tests shall be conducted at 20±2°C in temperature, 60~70%RH in humidity and 86~106kPa in atmospheric pressure.
- 2 Operating temperature range: -10~+ 60°C
- 3 Storage temperature range: -20~+ 70°C
- 4 Construction:
 - 4.1 Shape and dimension are subject to attached drawing regulation.
 - 4.2 Appearance: whole should be a good completion, no rust, no crack and good plating.
- 5 Rating: 100mA, 12VDC (resistive load)

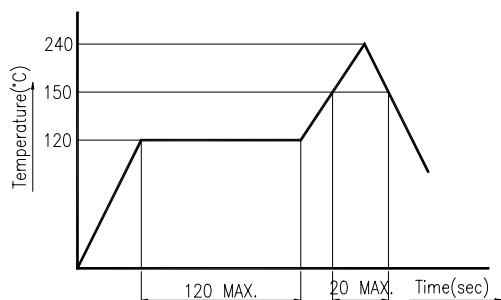
6 Electrical performance:

No.	Items	Test conditions	Specifications
6.1	Contact resistance	Shall be measured at 1KHz~200Hz (MAX. 20mV, MAX. 50mA.) or 1A, 5VDC. By voltage drop method.	100mΩ MAX.
6.2	Insulation resistance	Shall be measured by applying 100VDC. Between all terminals and between the terminals and the body for 1 minute.	100MΩ MIN.
6.3	Withstand voltage	100VAC. 50~60Hz (sensitivity electric current 2mA.) Shall be applied between all terminals and between the terminals and the body for 1 minute.	No dielectric break down. No electric arc. No damage of insulation.

7 Mechanical performance:

7.1	Operating force		Shall be in accordance with Individual specified.
7.2	Terminal strength	The static load of 300gf shall be applied on top of the terminal in every direction for 1 minute, in optional direction on condition of once for one terminal.	No hindrance for electrical Function, no damage and no break down of the terminal.
7.3	Control strength	The static load of 2Kgf shall be applied in the operating direction of the control unit for 15 seconds. The static load of 1kgf shall be applied in the right angle of the operating direction unit for 15 seconds.	No break down and no crook in operating part.
7.4	Solder ability	Solder temperature : 230±5°C Put in solder bath for 3 ±0.5 seconds.	More than 75% of dipped part shall be covered by solder. excluding the cutting surface.

- | | | | |
|-----|------------------------|---|---|
| 7.5 | Solder heat resistance | 1.Soldering by hand:
Put in solder for 3 seconds MAX. at 300°C MAX.
2. Soldering by automatic:
Put in solder for 5 seconds MAX. at 260±5°C
Preheat temperature 100°C for 1 minute.
3. Soldering by reflow: | No deformation of appearance, no break down of plastic part and no hindrance for electrical function. |
|-----|------------------------|---|---|



Above mentions time-temperature chart is based on the temperature on the parts - mounting surface of P.C.B.

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		※ P.C.B. thickness : 1.0mm MIN.	
8. Weather performance:			
8.1	Heat test	Testing switch being kept in the conditions at $85\pm 2^{\circ}\text{C}$ in temperature for 96 hours, then in a normal ambient condition for 1 hour, then to be measured within 1 hour.	Contact resistance: 100mΩ MAX. Insulation resistance: 100MΩ MIN. Withstand voltage: 100VAC. For 1 minute
8.2	Cold test	Testing switch being kept in the conditions at $-20\pm 2^{\circ}\text{C}$ in temperature for 96 hours, then in a normal ambient condition for 1 hour, then to be measured within 1 hour.	Operating force: To be satisfied with item 7.1 Appearance: Every part should not defect in appearance.
8.3	Humidity test	Testing switch being kept in the conditions at $40\pm 2^{\circ}\text{C}$ and 90~95% RH for 96 hours, then in a normal ambient condition for 1 hour, then to be measured within 1 hour.	Contact resistance: 200mΩ MAX. Insulation resistance: 10MΩ MIN. Withstand voltage: 100VAC. For 1 minute Operating force: To be satisfied with item 7.1 Appearance: Every part should not defect in appearance.
9. Durability:			
9.1	Life test	25,000 times by 15~20 cycles / minute without load.	Contact resistance: 200mΩ MAX. Insulation resistance: 10MΩ MIN. Withstand voltage: 100VAC. For 1 minute Operating force: Within $\pm 30\%$ of item 7.1 Appearance: Every part should not defect in appearance.