Paper Tray Detector Switches for Photocopy Machines
SW-185 /-186 /-372 /-373 /-192 Series

[] Features
<>Snap-in structure and connector fixing terminal, can be mounted flexibly.
<>Comply with various conditions of usage with wide variety of poles and operating directions

[] Applications

SW-192

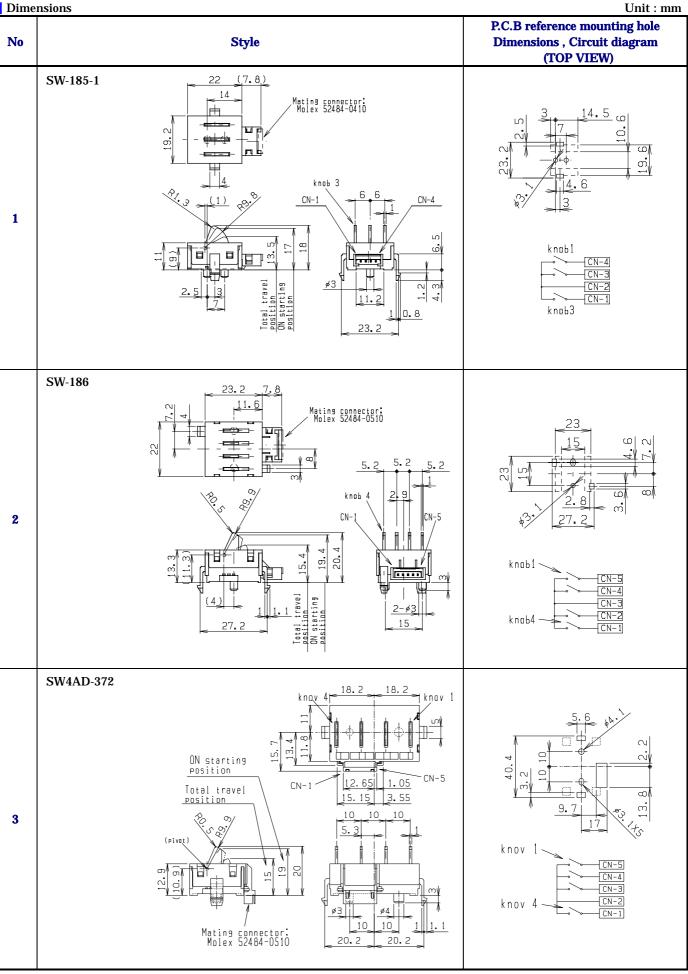<>Detection of paper size in the tray of photocopy machines.

[] Products Line

No	Products No	Pole	Position	Notes
1	SW-185-1	3	1	Lever-type switch.
2	SW-186	4	1	Lever-type switch.
3	SW4AD-372	4	1	Lever-type switch.
4	SW5AD-373	5	1	Lever-type switch.
5	SW-192	3	1	Push-type switch.

[] Typical Specifications

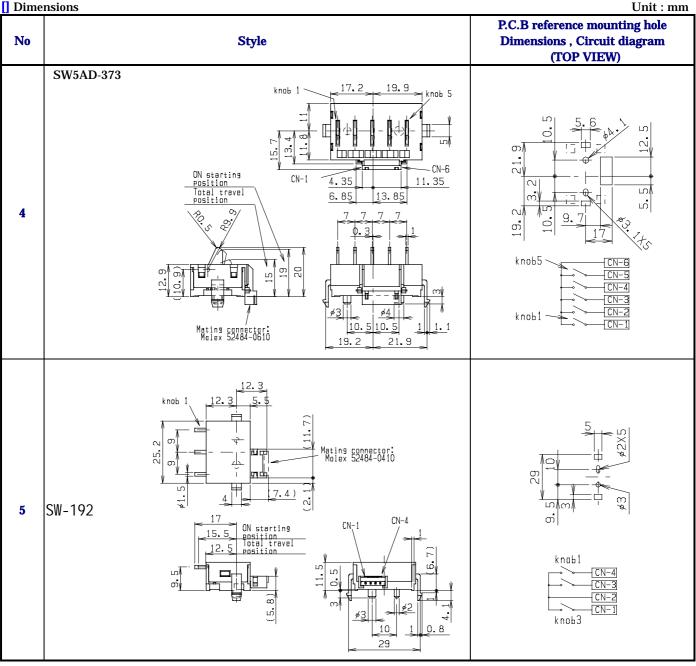| Item	Specification
Ratings (max.)	10mA 5V DC (Resistive load)
Contact resistance	1 ohm max.
Insulation resistance	100 megohm min. 100V DC
Withstanding voltage	100V AC for 1min.
Operating life with load	100,000 cycles
Operating force	1N max.

[] **Dimensions**   Unit : mm

No	Style	P.C.B reference mounting hole Dimensions , Circuit diagram (TOP VIEW)
1	SW-185-1	
2	SW-186	
3	SW4AD-372	

KOSOD SWITCH FACTORY

[] Dimensions   Unit : mm

No	Style	P.C.B reference mounting hole Dimensions , Circuit diagram (TOP VIEW)
4	SW5AD-373	
5	SW-192	

[] Notes

1. The appearance and specifications of the product may be modified to improve its performance without prior notice.
2. This catalog shows only outline specifications. When using the product, please obtain formal specifications.
3. Please see appendix [Cautions in Using Switches].
4. This switch is not washable.
5. The attachment and detachment of connectors shall be made according to the specified direction and not apply stress to the other directions.
6. The switches shall be mounted after attaching connectors, while connectors shall be detached after dismounting switches.
7. In case circuit and software design consideration against chattering and bouncing shall be taken as below.
   Read a few times. (Ex. 5ms for 5 times)
   Set delay time.
   Set integral circuit.
8. As to threshold voltage, center setting is recommended.
9. Care shall be taken not to apply stress to the body of switch as it may affect the performance.
10. Please confirm the performance on actual operation by simulation with actual environment environments for high reliability.