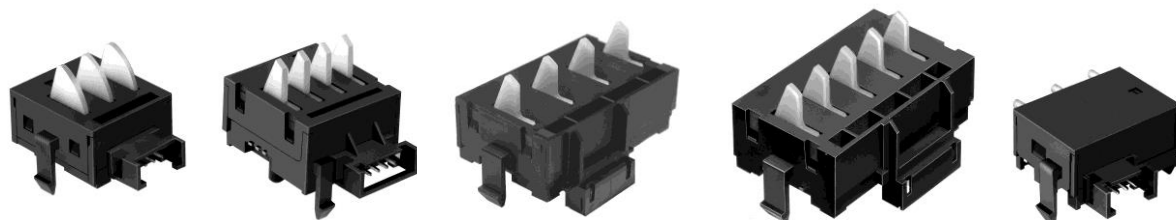


Paper Tray Detector Switches for Photocopy Machines

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

- ◇ Detection of paper size in the tray of photocopy machines.

Products Line

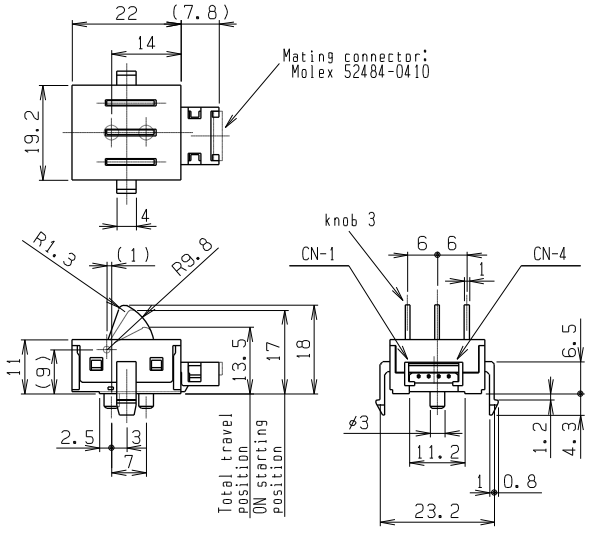
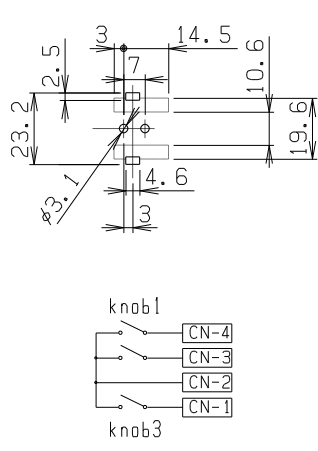
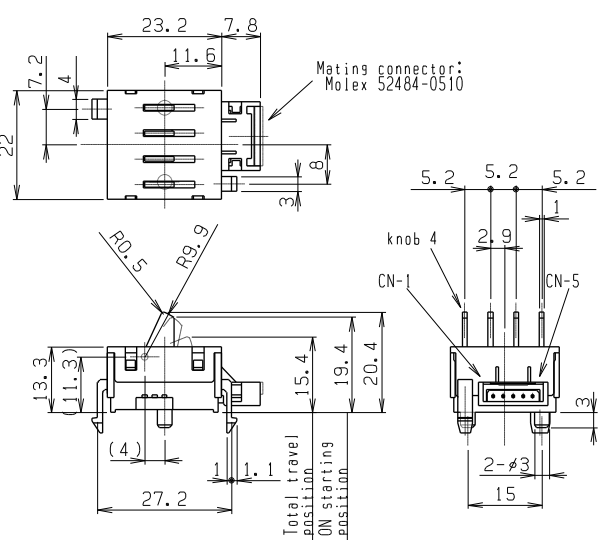
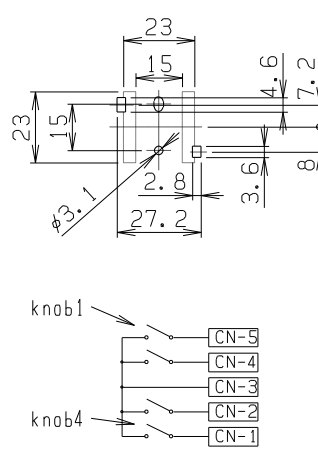
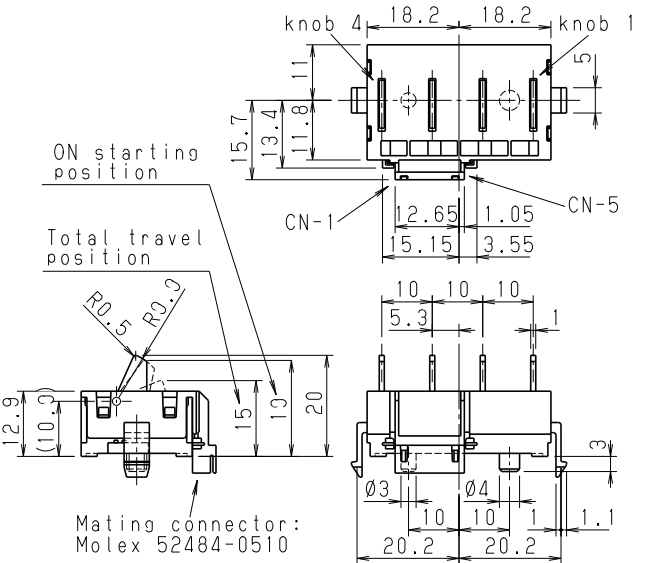
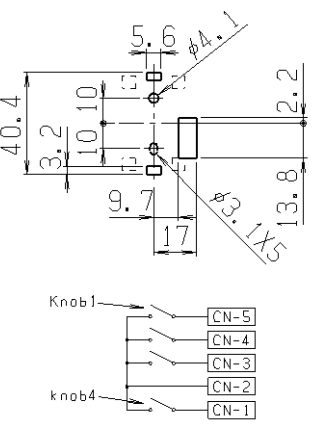
No	Products No	Pole	Position	Notes
1	SW-185-1	3	1	Lever-type switch.
2	SW-186	4	1	Lever-type switch.
3	SW4AD-372	4	1	Lever-type switch.
4	SW5AD-373	5	1	Lever-type switch.
5	SW-192	3	1	Push-type switch.

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 force	1N max.
Operating life with load	100,000 cycles

Dimensions

Unit : mm

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

Dimensions

Unit : mm

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

Notes

- The appearance and specifications of the product may be modified to improve its performance without prior notice.
- This catalog shows only outline specifications. When using the product, please obtain formal specifications.
- Please see appendix [Cautions in Using Switches].
- This switch is not washable.
- The attachment and detachment of connectors shall be made according to the specified direction and not apply stress to the other directions.
- The switches shall be mounted after attaching connectors, while connectors shall be detached after dismounting switches.
- 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.
- As to threshold voltage, center setting is recommended.
- Care shall be taken not to apply stress to the body of switch as it may affect the performance.
- Please confirm the performance on actual operation by simulation with actual environment environments for high reliability.