

Waterproof switches

INT-1149B Series 10×10mm, Through hole type



- **Features** : IP67 dust & water resistance
- **Applications** : Home appliances or Industrial equipments used around water
- **Specifications** :

Rating	DC 12V 50mA
Contact resistance	100mΩ Max.
Travel (mm)	0.3±0.1

► Part list

Part No.	Length (mm)	Operating force	Life	QTY per pack (Plastic bag)
INT-1149B13A	13.0	200±50gf	100,000 Cycles Min.	1K
INT-1149B232A	23.2			
INT-1149B13B	13.0	250±70gf		
INT-1149B232B	23.2			

► Drawing

The drawing includes the following views and dimensions:

- Top View:** Shows a square footprint with a side length of 10.0 ± 0.1 mm. It features four mounting holes labeled A, B, C, and D. The distance between the center of two adjacent holes is 4 ± 0.7 mm. The distance from the center of a hole to the edge is 6.0 mm.
- Side View (Left):** Shows the height of the component. The total height is $L \pm 0.2$ mm. The distance from the top of the component to the top of the PCB is 10.0 mm. The distance from the top of the PCB to the bottom of the component is 3.5 ± 0.2 mm. The diameter of the top part is $\varnothing 3.90$ mm. The thickness of the PCB is $t \pm 0.30$ mm. The distance from the center of the mounting holes to the edge of the PCB is 10.3 ± 0.2 mm and 11.7 ± 0.3 mm.
- Side View (Right):** Shows the distance between the centers of the two mounting holes as 4 ± 0.7 mm and the distance from the center of a hole to the edge as 6.0 mm.
- Circuit Diagram:** Shows a switch with four terminals labeled A, B, C, and D. Terminals A and B are connected to one side of the switch, and terminals C and D are connected to the other side.
- PCB Dimension:** Shows the layout of the four mounting holes on the PCB. The holes are arranged in a square pattern with a side length of 10.3 mm. The distance between the centers of two adjacent holes is 4 ± 0.7 mm. The diameter of each hole is $\varnothing 1.00$ mm.