

Waterproof switches

INT-1169BM Series 6.2×6.2mm, Ø 2.9mm Large stem, Metal cover, 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-1169BM43A	4.3	200±50gf	100,000 Cycles Min.	2K
INT-1169BM50A	5.0			
INT-1169BM70A	7.0			

▶ Drawing

The drawing includes three views of the switch:

- Top View:** Shows a square footprint with dimensions 6.20±0.1 mm by 6.20±0.1 mm. It features four mounting holes with a diameter of 0.7 mm. The distance between the centers of opposite holes is 4.5 mm.
- Side View:** Shows the profile of the switch with a stem diameter of 2.9±0.2 mm. The total height is L±0.2 mm. Other dimensions include 0.75 mm, 2.3 mm, 0.5 MAX, 1.8 mm, 3.5±0.2 mm, and 3.5 mm.
- PCB Dimension View:** Shows the layout of the four mounting holes on a PCB. The distance between the centers of opposite holes is 6.5±0.2 mm. The distance between the centers of adjacent holes is 4±t±0.30 mm. The overall width and height of the hole pattern are 7.9±0.3 mm and 4.50 mm, respectively. The text '4-Ø1.00±0.05HOLES' indicates the hole specifications.

Circuit diagram: Shows a single switch symbol with terminals labeled A, B, C, and D.

PCB Dimension: Shows the layout of the four mounting holes on a PCB with dimensions 6.50 mm and 4.50 mm.