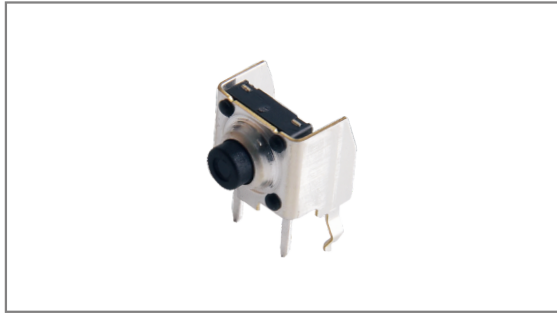


Waterproof switches

INT-1169V Series 6.2×6.2mm, Through hole type, Side push



- **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-1169V43A	3.45	200±50gf	100,000 Cycles Min.	1K
INT-1169V47A	3.85			
INT-1169V50A	4.15			
INT-1169V70A	6.15			
INT-1169V95A	8.65			

► **Drawing**

The drawing section contains three main diagrams:

- Side View:** Shows the switch profile with dimensions: total height 5.45, mounting hole diameter $\phi 2.9 \pm 0.1$, and a maximum protrusion of 0.5 MAX.
- Top View:** Shows the 6.2x6.2mm footprint with various internal dimensions: 7.30±0.3, 6.20±0.1, 4.0, 7.1±0.2, 1.80, 3.5±0.5, 8.4±0.5, 2-0.70, 4.5±0.3, 7.0±0.5, 2-0.3, and 1.45.
- PCB Dimension:** Shows the layout of the two through-hole pads with dimensions: 7.00, 2- $\phi 1.30 \pm 0.05$ HOLES, 2.50, 4.50, and 2- $\phi 1.0 \pm 0.05$ HOLES.

A **Circuit diagram** shows a switch connecting terminals A and B, with terminal C connected to terminal D, which is grounded.

► **Water resistance performance**

		INT-1108, INT-1129, INT-1134, INT-1158, INT-1169, INT-1179	INT-1139, INT-1149
Water resistance	Water temperature	60±2°C	60±2°C
	Water depth	10cm	10cm
	Immersion duration	10h	240h
Humidity	Temperature	60±2°C	60±2°C
	Water depth	90 ~ 95%	90 ~ 95%
	Duration	500h	1,000h
IP Standard		IP67	