

# Waterproof switches

**INT-1129S Series** 6.2×6.2mm, Ø2.2mm Stem, Metal cover, Surface mount 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	Pitch (mm)	Life	QTY per pack (Tape & reel)
INT-1129S43AP	4.3	200±50gf	9.0	100,000 Cycles Min.	1K
INT-1129S50AP	5.0				
INT-1129S60AP	6.0				
INT-1129S70AP	7.0				750
INT-1129S43AQ	4.3		10.0		
INT-1129S50AQ	5.0				
INT-1129S60AQ	6.0				750
INT-1129S70AQ	7.0				

## ► Drawing

The drawing includes three main views:

- Top View:** Shows a square footprint with a side length of  $6.2 \pm 0.1$  mm. It features four mounting holes labeled A, B, C, and D. The distance between the center of the switch and each hole is  $4 \pm 0.7$  mm. The overall width and height are both  $6.2 \pm 0.1$  mm.
- Side View:** Shows the profile of the switch with a stem diameter of  $\varnothing 2.20$  mm. The total height is  $L \pm 0.2$  mm. The base thickness is  $2.3$  mm. The distance from the base to the top of the stem is  $0.5$  mm MAX. The distance from the base to the top of the switch body is  $3.5$  mm. The pitch between the mounting holes is  $P \pm 0.2$  mm.
- PCB Dimension:** Shows the footprint on a PCB with a total width of  $10.60$  mm and a total height of  $5.90$  mm. The distance between the two mounting holes is  $6.50$  mm, and the distance from the centerline to the edge of the footprint is  $3.10$  mm.

**Circuit diagram:** A schematic showing a switch with four terminals labeled A, B, C, and D. Terminals A and B are connected to a common line, and terminals C and D are connected to another common line, forming a switch mechanism.