

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				750
INT-1129S69AP	6.9				500
INT-1129S70AP	7.0				1K
INT-1129S80AP	8.0				750
INT-1129S43AQ	4.3	200±50gf	10.0	100,000 Cycles Min.	500
INT-1129S50AQ	5.0				1K
INT-1129S69AQ	6.9				750
INT-1129S70AQ	7.0				500
INT-1129S80AQ	8.0				1K

► Drawing

The drawing includes the following views and dimensions:

- Top View:** Shows a square footprint with side length 6.2 ± 0.1 mm. The distance between the two mounting holes is $4 - 0.7$ mm. The distance from the center to the mounting holes is 4.5 mm.
- Side View:** Shows the profile of the switch with a stem diameter of $\varnothing 2.20$ mm. The total height is 3.5 mm. The distance from the base to the top of the stem is 0.5 mm MAX. The distance from the base to the center of the stem is 2.3 mm. The distance from the base to the bottom of the stem is $L \pm 0.2$ mm. The distance between the two mounting holes is $P \pm 0.2$ mm.
- Bottom View:** Shows the base of the switch with a width of 4.5 mm.
- Circuit Diagram:** Shows a switch with terminals A, B, C, and D. Terminals A and B are on the top, and C and D are on the bottom.
- PCB Dimension:** Shows the dimensions for the PCB footprint: a total width of 10.60 mm, a distance of 6.50 mm between the mounting holes, and a distance of 5.90 mm from the center to the mounting holes.