

Tact switches 6×6

INT-1102ST Series 6×6mm, Surface mount type, Square stem



- **Features** : Suitable for variety of controls
- **Applications** : Operating switches for all kinds of electronic equipments
- **Specifications** :

Rating	DC 12V 50mA
Contact resistance	100mΩ Max.
Travel (mm)	0.25+0.2/-0.1

► **Part list**

Part No.		Length (mm)	Operating force	Pitch (mm)		Life	QTY per pack (Tape & reel)	Knob size (mm)
				P	Q			
INT-1102ST24AP	INT-1102ST24AQ	7.3	160±50gf	9.0	10.2	100,000 Cycles Min.	750	2.4×2.4
INT-1102ST28AP	INT-1102ST28AQ							2.8×2.8
INT-1102ST24BP	INT-1102ST24BQ	7.3	250±50gf	9.0	10.2	100,000 Cycles Min.	750	2.4×2.4
INT-1102ST28BP	INT-1102ST28BQ							2.8×2.8

► **Drawing**

The drawing section contains three main views of the tact switch:

- Top View:** Shows a square footprint with a side length of 6.0 ± 0.1 mm. The central knob has a diameter of $\varnothing 3.50 \pm 0.1$ mm. There are four mounting holes, each with a diameter of 0.70 mm. The distance between the centers of opposite holes is 4.50 mm. The distance from the center of the knob to the center of a hole is 4.50 mm. The distance between the centers of adjacent holes is 6.0 ± 0.1 mm.
- Side View:** Shows the profile of the switch. The total height is $L \pm 0.2$ mm. The distance from the top of the knob to the top of the switch body is L_2 mm. The distance from the top of the switch body to the top of the solder tabs is 1.0 mm. The distance from the top of the switch body to the bottom of the solder tabs is 3.7 ± 0.1 mm. The distance from the top of the switch body to the bottom of the solder tabs is 3.6 mm. The distance from the top of the switch body to the bottom of the solder tabs is 0.5 mm MAX. The distance between the centers of the solder tabs is $P \pm 0.2$ mm.
- PCB Dimension:** Shows the dimensions for the PCB pads. The distance between the centers of the solder tabs is 4.50 mm. The distance from the center of the solder tabs to the center of the switch body is 6.50 mm. The distance from the center of the solder tabs to the center of the switch body is 9.0 mm. The distance from the center of the solder tabs to the center of the switch body is 11.50 mm. The distance from the center of the solder tabs to the center of the switch body is 5.90 mm. The distance from the center of the solder tabs to the center of the switch body is 4.5 mm. The distance from the center of the solder tabs to the center of the switch body is 3.10 mm.

Circuit diagram: Shows a single switch with four terminals labeled 1, 2, 3, and 4. Terminal 1 is connected to terminal 2, and terminal 3 is connected to terminal 4.