

# Mouse switches

## INT-1135BT Series

6.2x6.2mm, Through hole type, Square stem



- **Features :** Long operating life & Soft operating feeling
- **Applications :** Telecommunications, Computer, Peripherals, Consumer electronics
- **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-1135BT80A	8.0	60±20gf	5,000,000 Cycles Min.	2K

### ► Drawing

The drawing includes three views of the mouse switch:

- Top View:** Shows a square footprint with dimensions 6.2±0.1 mm by 6.2±0.1 mm. It features four mounting holes with diameters of Ø3.8 mm and Ø3.6 mm.
- Side View (Left):** Shows the switch's profile with a total height of 8.0±0.2 mm. Key dimensions include a stem diameter of 2.4 mm, a stem length of 1.7 mm, a contact height of 3.3±0.1 mm, a base thickness of 1.1 mm, a contact offset of 0.5 MAX, a contact width of 4.7 mm, and a contact-to-contact distance of 3.5±0.2 mm. The contact terminals are labeled 1 and 2.
- Side View (Right):** Shows the internal contact mechanism with dimensions: 2.4 mm stem diameter, 1.7 mm stem length, 0.19 mm contact thickness, 1.75 mm contact width, 3.50 mm contact-to-contact distance, 1.03 mm contact offset, 0.60±0.1 mm contact-to-terminal distance, and 0.7±0.1 mm contact-to-terminal distance.
- Circuit diagram:** A simple schematic showing two terminals, 1 and 2, connected by a switch symbol.
- PCB Dimension:** Shows the required PCB layout with two mounting holes spaced 4.8 mm apart. Each hole has a diameter of Ø1.0 mm.

- TACT Switches
- PUSH Switches
- HOOK Switches
- DETECTOR Switches
- SLIDE Switches
- ROTARY Potentiometers
- LEVER Switches
- ROTARY Switches
- CAPS