

Multi directional switches

INT-1600U Series 7.35×7.5mm, 5 Directions, Surface mount type



- **Features** : One touch, multi way switching, distinctive tactile feel for scanning and select functions
- **Applications** : Electronic devices requiring direction control on LCD display, Remote Controllers, CCTV cameras, Digital cameras

► **Specifications :**

Rating	DC 12V 50mA
Contact resistance	500mΩ Max.
Travel (mm)	4 direction : 0.25 Center : 0.15

► **Part list**

Part No.	Length (mm)		Operating force		Life	QTY per pack (Tape & reel)	Remarks
	L1	L2	4 Direction	Center			
INT-1600U50B	5.0	1.7 max	160±50gf	260±70gf	500,000 Cycles Min.	1K	without guide bosses
INT-1600U70B	7.0	3.7 max					
INT-1600UE50B	5.0	1.7 max	1K	with guide bosses			
INT-1600UE70B	7.0	3.7 max					

► **Drawing**

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

- Top View:** Shows the square footprint of the switch with dimensions 7.50±0.1 mm by 7.35±0.1 mm. It includes a 45-degree angle and various contact points labeled A through F.
- Side View:** Shows the profile of the switch with dimensions L1, L2, 2.14, 1.80, 1.50, 3.0±0.1, and 7.50±0.3 mm.
- Bottom View:** Shows the underside of the switch with dimensions 1.0±0.1, 0.90±0.05, 3.80, 0.60±0.05, 0.50, and 0.30 mm.

Additional diagrams include:

- Circuit diagram:** A schematic showing the internal switching mechanism with terminals A, B, C, D, E, and F. Terminal E is labeled as 'COMMON'.
- PCB Dimension:** A detailed layout of the switch on a PCB, showing dimensions for mounting holes (0.75mm and 1.05mm) and various offsets (3.85, 1.80, 1.50, 1.30, 1.30, 6.30, 8.70, 2.0, 5.80, 8.80 mm).