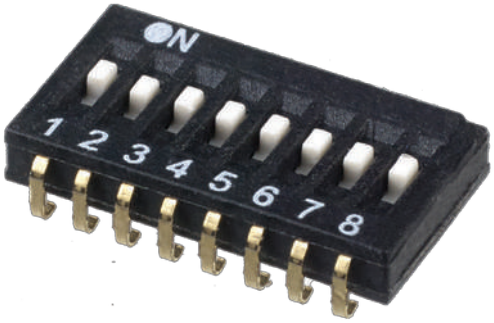
IKC series

Surface mount J bend half pitch low profile dual in line switches

Distinctive features and specifications



- ❑ Standard 1.27mm (0.05) integrated circuit pitch
- ❑ Even pole numbers
- ❑ J bend terminals
- ❑ Gold plated terminals
- ❑ Process compatible - withstand IR and vapor phase reflow soldering
- ❑ Washable with tape seal

GENERAL SPECIFICATIONS

- Max. current/voltage rating:
  -Switching: 25mA 24VDC
  -Contact rating: 100mA
- Initial contact resistance: 100mΩ max
- Insulation resistance: 500MΩ min. at 100VDC
- Dielectric strength: 300VAC Min. for 60 seconds
- Mechanical life: 1,000 cycles
- Actuation force: 800gf (7.84N) Max
- Operating temperature: -25°C to +70°C
- Storage temperature: -40°C to +85°C

PACKAGING

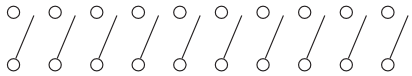
- Reels of 2000 pieces
- IC Tubes:

- 2 way, 71pcs
- 4 way, 42pcs
- 6 way, 30pcs
- 8 way, 23pcs
- 10 way, 19pcs

MATERIALS

- Case: Polyamide
- Base: Polyamide
- Actuator: Polyamide
- Contact spring: Copper beryllium alloy
- Terminal: Gold plated
- Contact: Gold plated

CIRCUIT



2, 4, 6, 8, 10 way only

⚠ Dimensions : first dimensions are in mm while inches are shown as bracketed numbers.

IKC series

Surface mount J bend half pitch low profile dual in line switches

Overview



SERIES

Number of ways

02 Two way
04 Four way
06 Six way
08 Eight way
10 Ten way

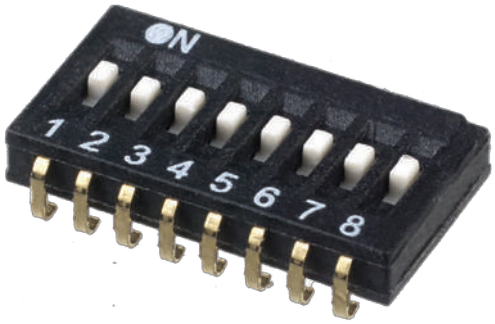
Model Type

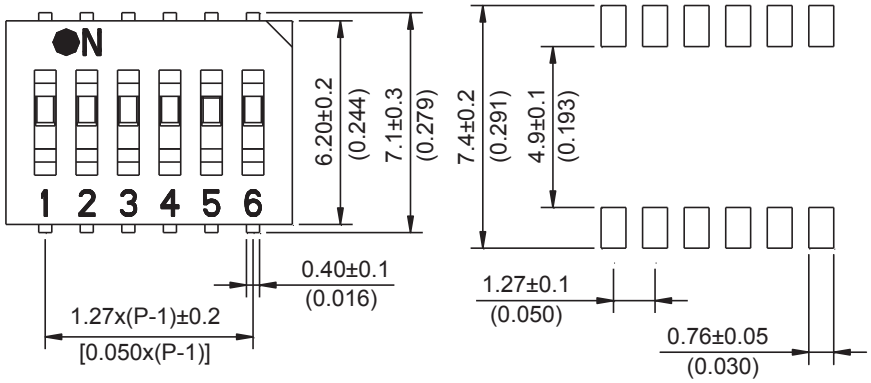
050 SMT recessed actuators IC tubes
060 SMT recessed actuators T/R

Tape seal

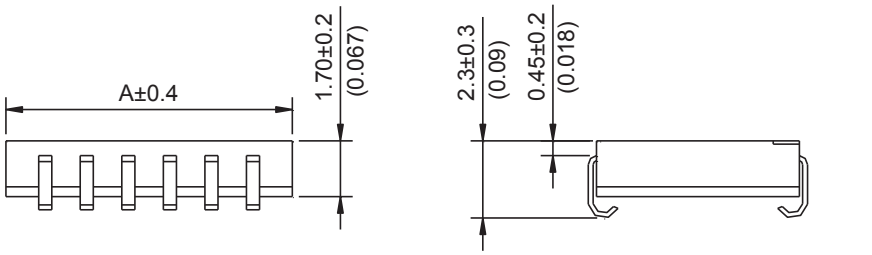
00 Top tape seal*
01 No tape seal

SMT J Bend

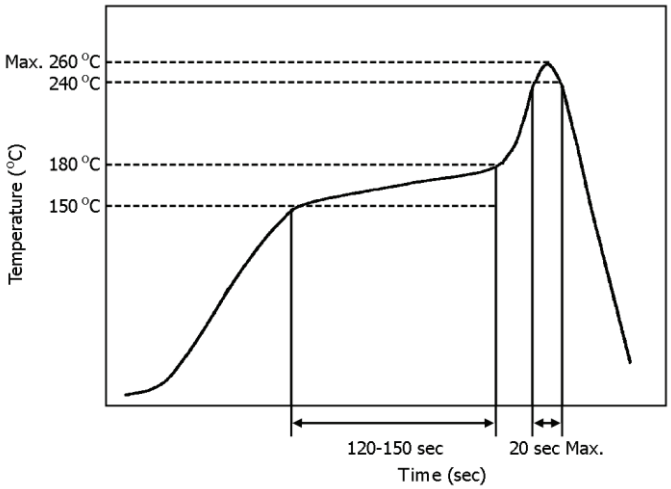




Number of Poles	Dimension A
2	3.70(0.14)
4	6.20(0.24)
6	8.75(0.34)
8	11.30(0.44)
10	13.80(0.54)



Solder Profile



- Reflow solder 240°C for 20 seconds Max
- Switch surface temperature must not exceed 260°C
- Care should be taken to prevent flux adhering to the switch
- Only top tape seal version are suitable for spray cleaning