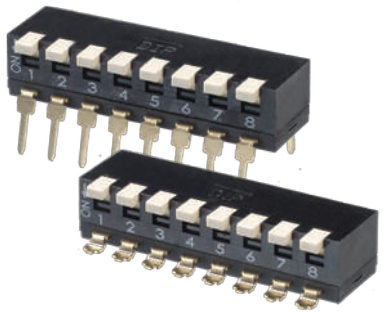
IKP series

Surface mount & through board low profile piano style dual in line switches

Distinctive features and specifications



- ❑ Flush and protruding actuators
- ❑ Even pole numbers
- ❑ Self-cleaning wiping contacts
- ❑ 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 50VDC
- Initial contact resistance: 100mΩ max
- Insulation resistance: 100MΩ min. at 500VDC
- Dielectric strength: 100VAC.
- Electrical life: 2,000 cycles
- Actuation force: 800gf (7.84N) Max
- Operating temperature: -20°C to +85°C
- Storage temperature: -40°C to +85°C

PACKAGING

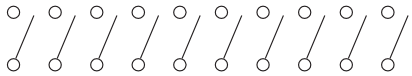
- Reels of 700 pieces
- IC Tube surface mount or through board

- 02 way, 70pcs
- 04 way, 40pcs
- 06 way 28pcs
- 08 way, 20pcs
- 10 way, 16pcs

MATERIALS

- Case: Nylon 9T UL94-V0
- Base: Nylon 9T UL94-V0
- Actuator: LCP
- Contact: Gold plated copper
- Terminal: Gold plated brass
- Protection tape: Katpon

CIRCUIT



2, 4, 6, 8, 10 way only
Actuator set in up (off) position

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

IKP series

Surface mount and through board low profile piano style dual in line switches

Overview

IKP	08	001	00
SERIES	Number of ways	Model Type	Tape seal

Number of ways

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

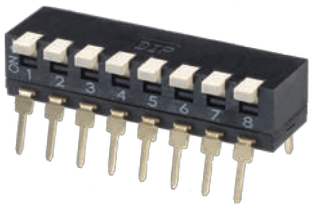
Model Type

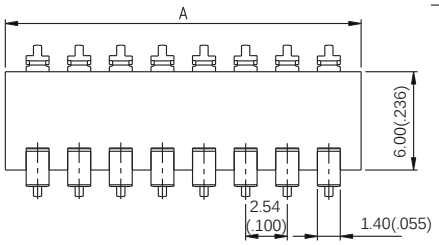
001 Through board raised actuators
000 Through board recessed actuators
031 SMT raised actuators IC tubes
030 SMT recessed actuators IC tubes
041 SMT raised actuators T/R
040 SMT recessed actuators T/R

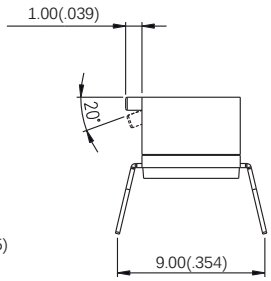
Tape seal

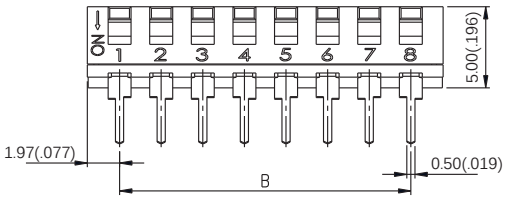
00 Top tape seal*
01 No tape seal
* Recessed actuators only

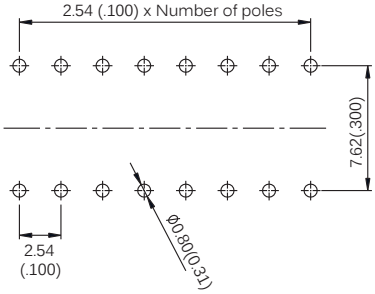
Through board









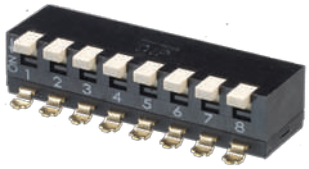


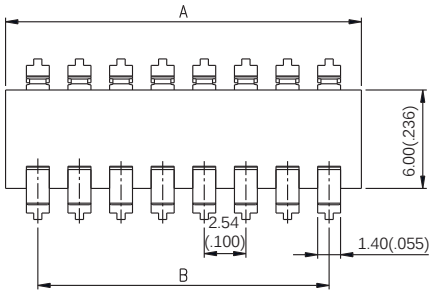
Number of Poles	Dimension A	Dimension B
2	6.48(.255)	2.54(.10)
4	11.56(.455)	7.62(.30)
6	16.64(.655)	12.70(.50)
8	21.72(.855)	17.78(.70)
10	26.80(1.05)	22.86(.90)

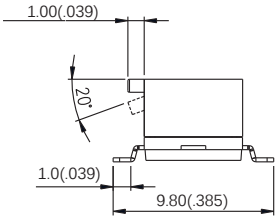
IKP series

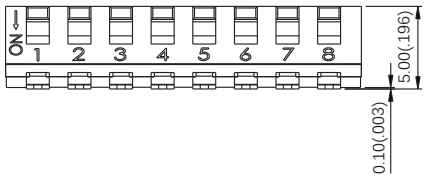
Surface mount and through board low profile piano style dual in line switches

SMT

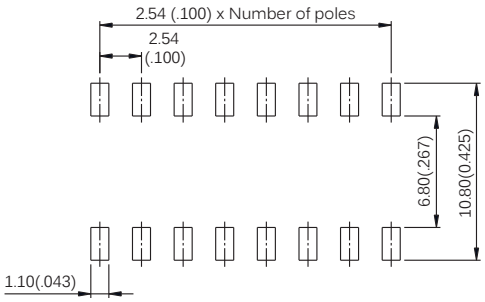




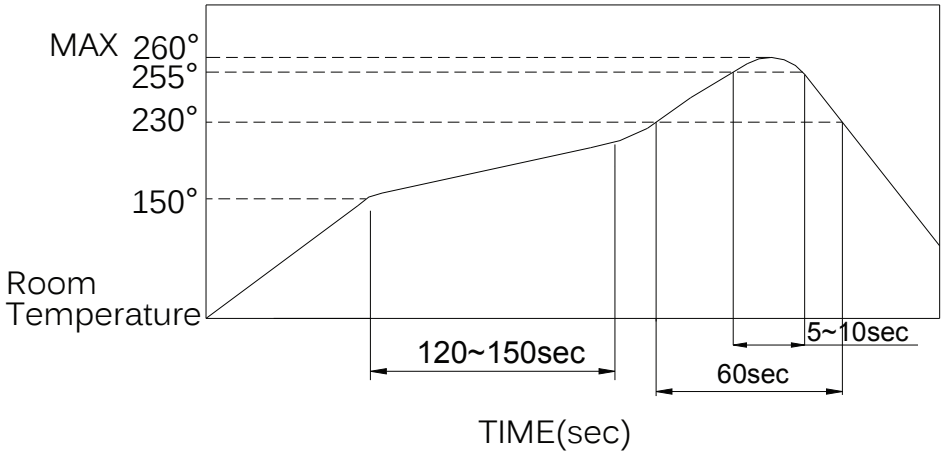


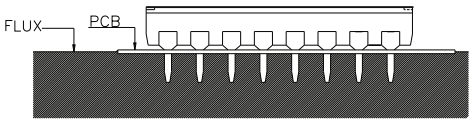


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Solder Profile





- Surface temperature measured (above) on the PCB copper foil
- Switch surface temperature must not exceed 260°C
- Hand solder Max 350°C for 5 seconds
- Care should be taken to prevent flux adhering to the switch
- Only top tape seal version are suitable for spray cleaning