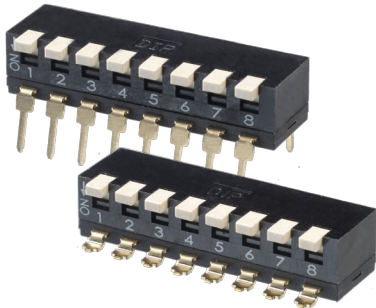


# IKP series

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

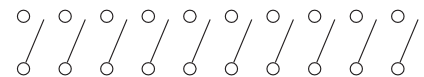
## PACKAGING

- 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

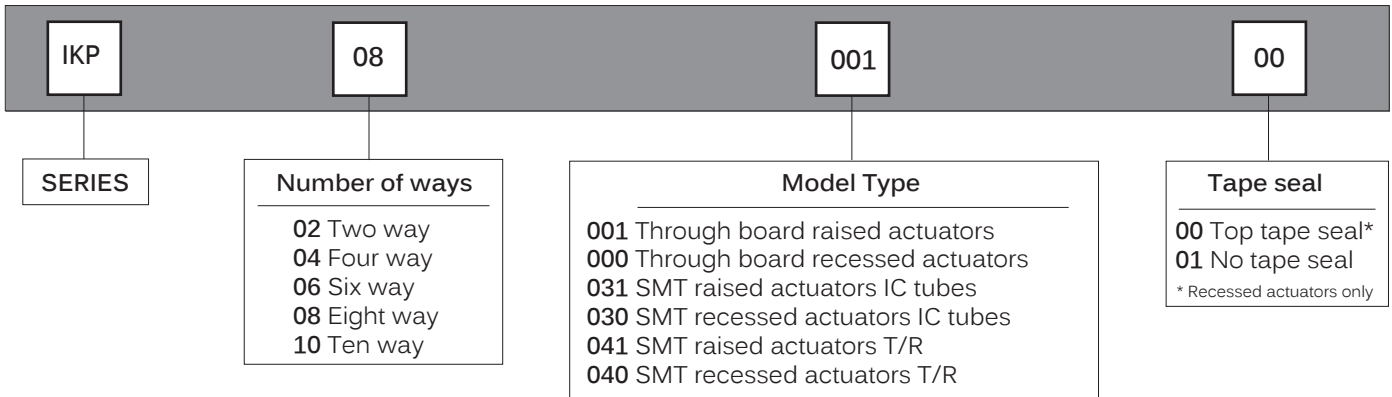


Dimensions : first dimensions are in mm while inches are shown as bracketed numbers.

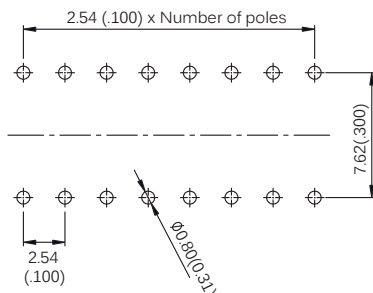
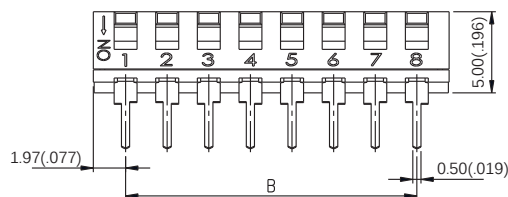
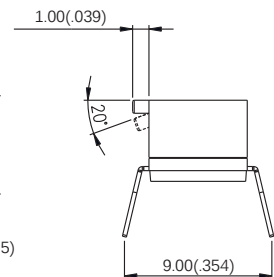
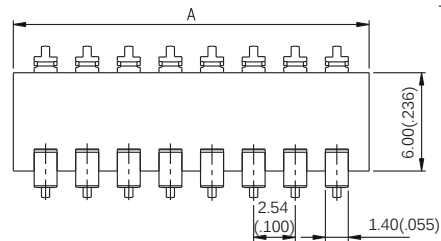
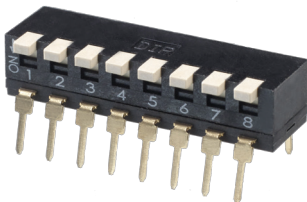
# IKP series

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

Overview



## Through board

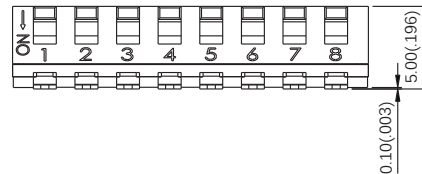
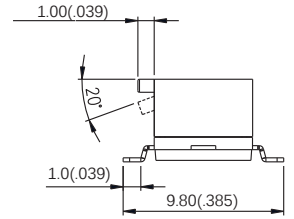
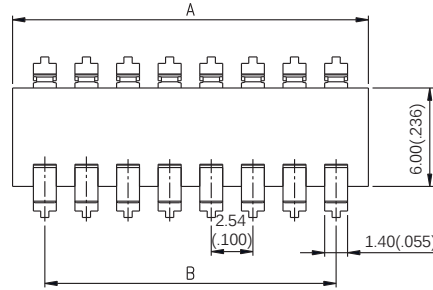
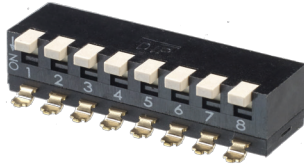


Number of Poles	Dimension A	Dimension B
2	6.48(.255)	2.54(.10)
4	11.56(.455)	7.62(.30)
6	16.64(.655)	12.70(.50)
8	21.72(.855)	17.78(.70)
10	26.80(1.05)	22.86(.90)

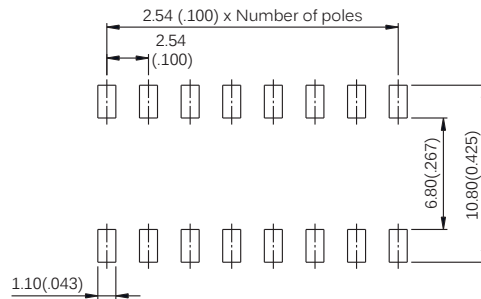
# IKP series

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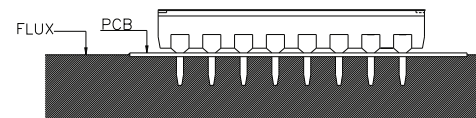
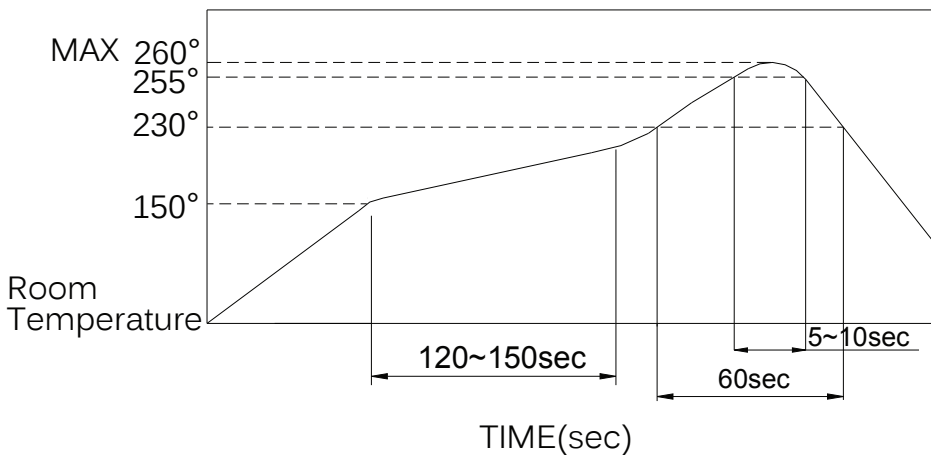
## SMT



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)



## 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