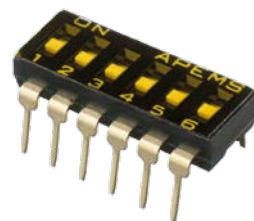


IKD series

Surface mount and through-hole •
dual in line switches



DISTINCTIVE FEATURES

Raised and recessed actuators
Even and odd pole numbers
Self-cleaning wiping contacts
Gold plated terminals



ENVIRONMENTAL SPECIFICATIONS

- Operating Temperature Range: -20 °C to +85 °C (-4 °F to +185 °F)
- Storage Temperature Range: -40°C to +85°C (-40 °F to +185 °F)
- Process compatible – withstand IR and vapor phase reflow soldering
- Washable (tape seal standard) except 1-pole model



ELECTRICAL SPECIFICATIONS

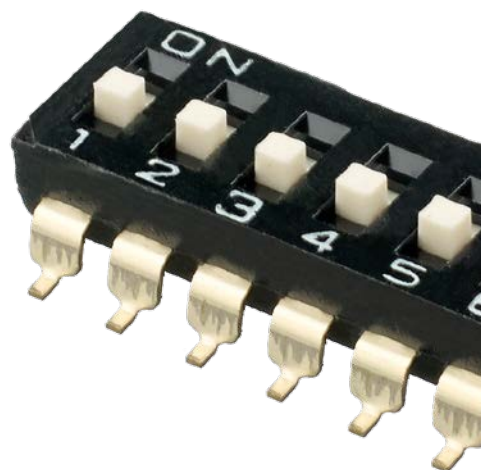
- Max. Current/Voltage Rating:
 - Switching: 25 mA 24 VDC
 - Non-switching: 100 mA 50 VDC
- Initial Contact Resistance: 50 mΩ max
- Insulation Resistance: 100 MΩ min. at 500 VDC
- Dielectric Strength: 500 VAC min.
- Electrical Life: 2,000 cycles



MATERIALS

- Case & Actuator: UL94-V0
- Moving Contact: Phosphor bronze, gold plated, over nickel barrier
- Terminal: Gold plated
- Protection Tape: Polyimide

The company reserves the right to change specifications without notice.



IKD series

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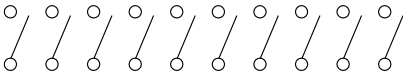
PACKAGING

Number of ways	TAPE AND REEL		IC TUBE THROUGH-HOLE
	Raised actuator	Recessed actuator	
1	800 pcs	800 pcs	130 pcs
2	700 pcs	900 pcs	76 pcs
3	700 pcs		55 pcs
4	700 pcs		42 pcs
5	800 pcs		35 pcs
6	700 pcs		28 pcs
7	800 pcs		25 pcs
8	700 pcs		22 pcs
9	700 pcs		20 pcs
10	700 pcs		18 pcs
12	700 pcs		15 pcs

For surface mount J bend, please contact APEM.



CIRCUIT

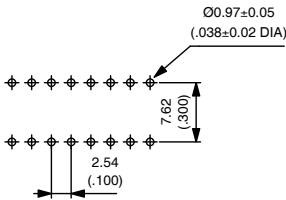


1,2,3,4,5,6,7,8,9,10,12 way only

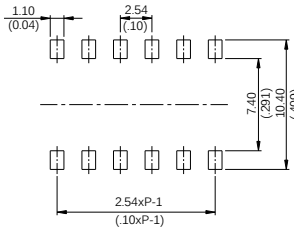


PCB LAYOUT

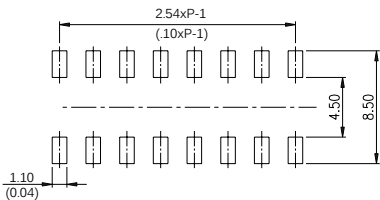
THROUGH-HOLE



SURFACE MOUNT - GULL WING TYPE



SURFACE MOUNT - J BEND TYPE



IKD series

Surface mount and through-hole • dual in line switches



BUILD YOUR PART NUMBER

IKD

SERIES

NUMBER OF WAYS

MODEL TYPE

TAPE SEAL

01

One way

02

Two way

03

Three way

04

Four way

05

Five way

06

Six way

07

Seven way

08

Eight way

09

Nine way

10

Ten way

12

Twelve way

001

Through-hole raised actuators

000

Through-hole recessed actuators

031

SMT gull wing raised actuators IC tubes

030

SMT gull wing recessed actuators IC tubes

041

SMT gull wing raised actuators T/R

040

SMT gull wing recessed actuators T/R

051

SMT J bend raised actuators IC tubes

050

SMT J bend recessed actuators IC tubes

061

SMT J bend raised actuators T/R

060

SMT J bend recessed actuators T/R

00

Top tape seal*

01

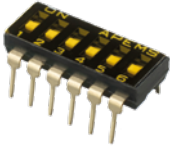
No tape seal

*Recessed actuators only

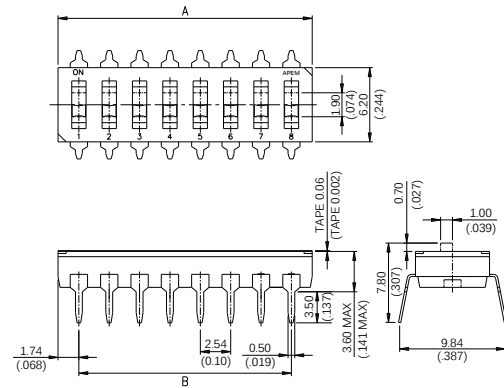
IKD series

Surface mount and through-hole •
dual in line switches

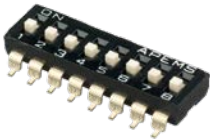
THROUGH HOLE



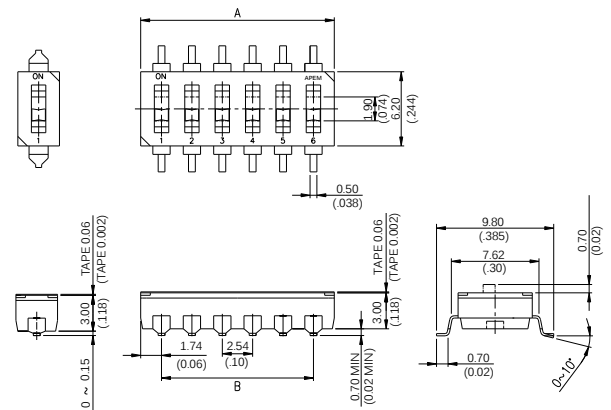
Number of ways	Dimension A	Dimension B
1	3.48 (.137)	N/A
2	6.02 (.237)	2.54 (.10)
3	8.56 (.337)	5.08 (.20)
4	11.10 (.437)	7.62 (.30)
5	13.64 (.537)	10.16 (.40)
6	16.18 (.637)	12.70 (.50)
7	18.72 (.737)	15.24 (.60)
8	21.26 (.837)	17.78 (.70)
9	23.80 (.937)	20.32 (.80)
10	26.34 (1.03)	22.86 (.90)
12	31.42 (1.23)	27.94 (1.10)



SMT - GULL WING TYPE



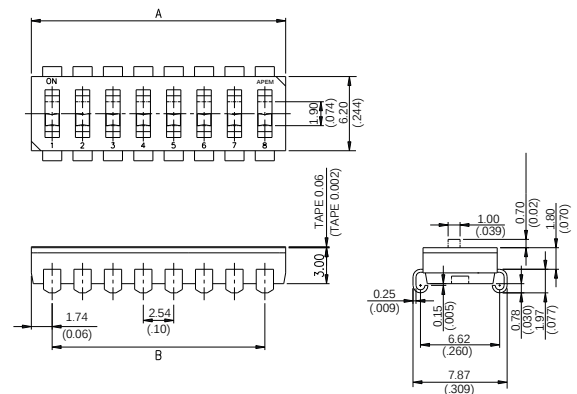
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7	18.72 (.737)	15.24 (.60)
8	21.26 (.837)	17.78 (.70)
9	23.80 (.937)	20.32 (.80)
10	26.34 (1.03)	22.86 (.90)
12	31.42 (1.23)	27.94 (1.10)



SMT - J BEND TYPE



Number of ways	Dimension A	Dimension B
2	6.02 (.237)	2.54 (.10)
3	8.56 (.337)	5.08 (.20)
4	11.10 (.437)	7.62 (.30)
5	13.64 (.537)	10.16 (.40)
6	16.18 (.637)	12.70 (.50)
7	18.72 (.737)	15.24 (.60)
8	21.26 (.837)	17.78 (.70)
9	23.80 (.937)	20.32 (.80)
10	26.34 (1.03)	22.86 (.90)
12	31.42 (1.23)	27.94 (1.10)



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