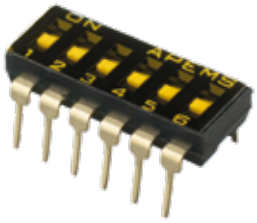
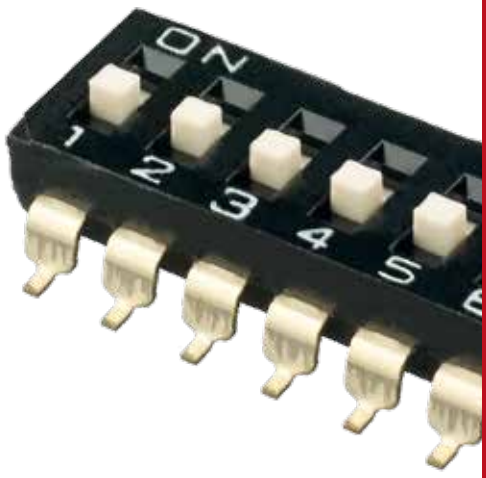
IKD series

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
- Spray 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

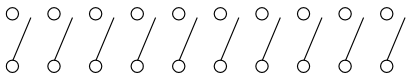
Surface mount and through-hole • dual in line switches

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.

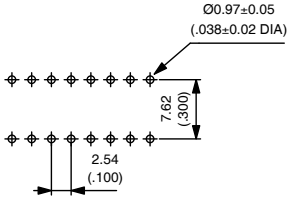
CIRCUIT



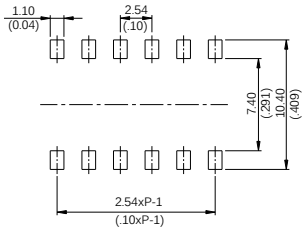
1,2,3,4,5,6,7,8,9,10,12 way only

PCB LAYOUT

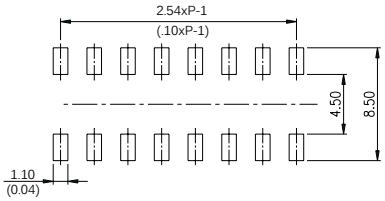
THROUGH-HOLE



SURFACE MOUNT - GULL WING TYPE



SURFACE MOUNT - J BEND TYPE



IKD series

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BUILD YOUR PART NUMBER

IKD _ _ _ _

SERIES

IKD

NUMBER OF WAYS

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

MODEL TYPE

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

TAPE SEAL

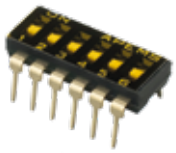
00	Top tape seal*
01	No tape seal

*Recessed actuators only

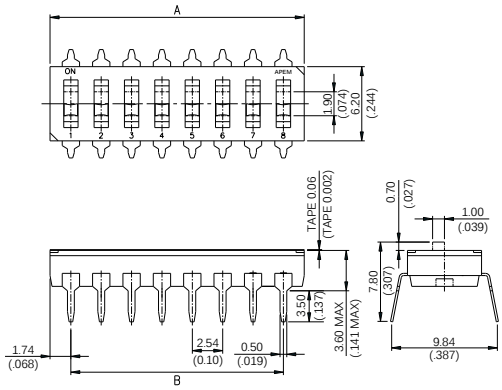
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THROUGH HOLE



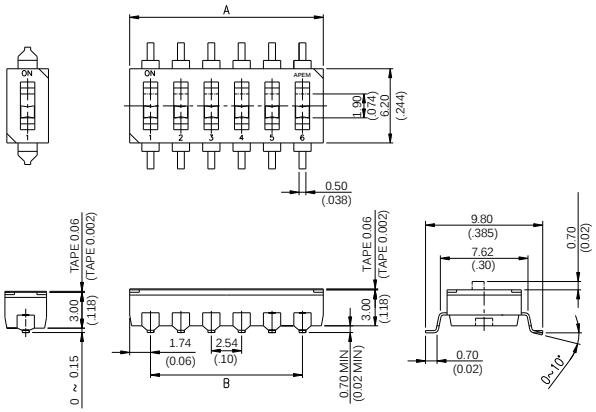
Number of ways	Dimension A	Dimension B
1	3.48 (.137)	N/A
2	6.02 (.237)	2.54 (.10)
3	8.56 (.337)	5.08 (.20)
4	11.10 (.437)	7.62 (.30)
5	13.64 (.537)	10.16 (.40)
6	16.18 (.637)	12.70 (.50)
7	18.72 (.737)	15.24 (.60)
8	21.26 (.837)	17.78 (.70)
9	23.80 (.937)	20.32 (.80)
10	26.34 (1.03)	22.86 (.90)
12	31.42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



SMT - GULL WING TYPE



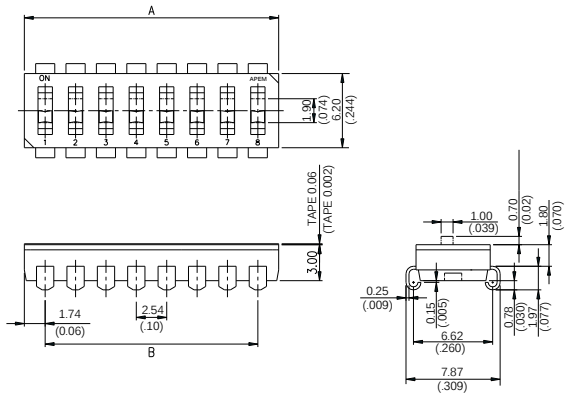
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9	23.80 (.937)	20.32 (.80)
10	26.34 (1.03)	22.86 (.90)
12	31.42 (1.23)	27.94 (1.10)



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)
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10	26.34 (1.03)	22.86 (.90)
12	31.42 (1.23)	27.94 (1.10)



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CORRECTNESS PROCEDURE

This datasheet have been approved and can be officially released.

Morten Højdevang 23/6 2021 DATE AND SIGNATURE	DATE AND SIGNATURE
PRODUCT MANAGER	COMMUNICATION DEPARTMENT