

# NDA series

Right angle • dual in line switches



## DISTINCTIVE FEATURES

2 to 12 Way

Self-cleaning wiping contacts

Gold plated terminals

Washable with tape seal



## ENVIRONMENTAL SPECIFICATIONS

- Operating Temperature: -20 °C to +70 °C (-4 °F to +158 °F)
- Storage Temperature: -40 °C to +85 °C (-40 °F to +185 °F)
- Washable (with tape seal)



## ELECTRICAL SPECIFICATIONS

- Max. Current/Voltage Rating:
  - Switching: 25 mA 24 VDC
  - Contact rating: 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



## MECHANICAL SPECIFICATIONS

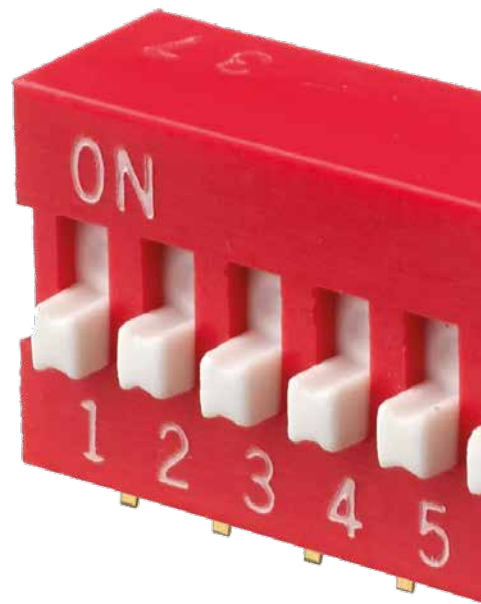
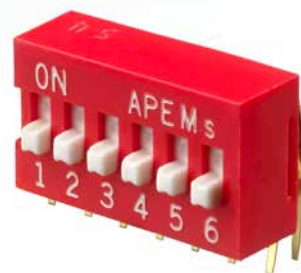
- Operating force: 1,000 gf (9.8 N) max



## MATERIALS

- Case & Actuator: PBT
- PA66
- Moving Contact: Gold plated
- Terminal: Gold plated
- Protection tape: Polyimide

The company reserves the right to change specifications without notice.



# NDA series

Right angle • dual in line switches



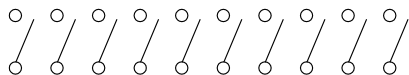
## PACKAGING

IC TUBE THROUGH-HOLE

Number of ways	No tape seal	With tape seal
2	73 pcs	70 pcs
3	52 pcs	50 pcs
4	40 pcs	39 pcs
5	33 pcs	32 pcs
6	28 pcs	
7	24 pcs	
8	21 pcs	
9	19 pcs	
10	17 pcs	
12	14 pcs	



## CIRCUIT

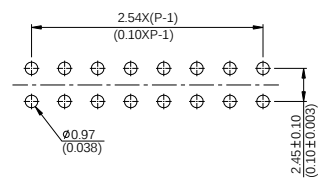


2,3,4,5,6,7,8,9,10,12 way only



## PCB LAYOUT

THROUGH-HOLE



# NDA series

Right angle • dual in line switches



## BUILD YOUR PART NUMBER

NDA

SERIES

-

NUMBER OF WAYS

-

-

TAPE SEAL

-

V

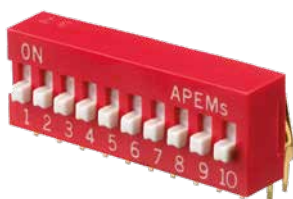
COMPLIANCE

<b>02</b>	Two way	<b>07</b>	Seven way
<b>03</b>	Three way	<b>08</b>	Eight way
<b>04</b>	Four way	<b>09</b>	Nine way
<b>05</b>	Five way	<b>10</b>	Ten way
<b>06</b>	Six way	<b>12</b>	Twelve way

<b>Blank</b>	No tape seal
<b>T</b>	Tape seal

<b>V</b>	RoHS
----------	------

## STANDARD PROFILE RIGHT ANGLE THROUGH-HOLE



Number of ways	Dimension A	Dimension B
2	6.44 (0.25)	2.54(0.1)
3	8.98 (0.35)	5.08(0.2)
4	11.52 (0.45)	7.62 (0.3)
5	14.06 (0.55)	10.16 (0.4)
6	16.60 (0.65)	12.70 (0.5)
7	19.14 (0.75)	15.24 (0.6)
8	21.68 (0.85)	17.78 (0.7)
9	24.22 (0.95)	20.32 (0.8)
10	26.76 (1.05)	22.86 (0.9)
12	31.84 (1.25)	27.94 (1.1)

