

NDP series

Piano style • dual in line switches



DISTINCTIVE FEATURES

2 to 12 Way

Self-cleaning wiping contacts

Gold plated terminals

Spray 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)
- Spray 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

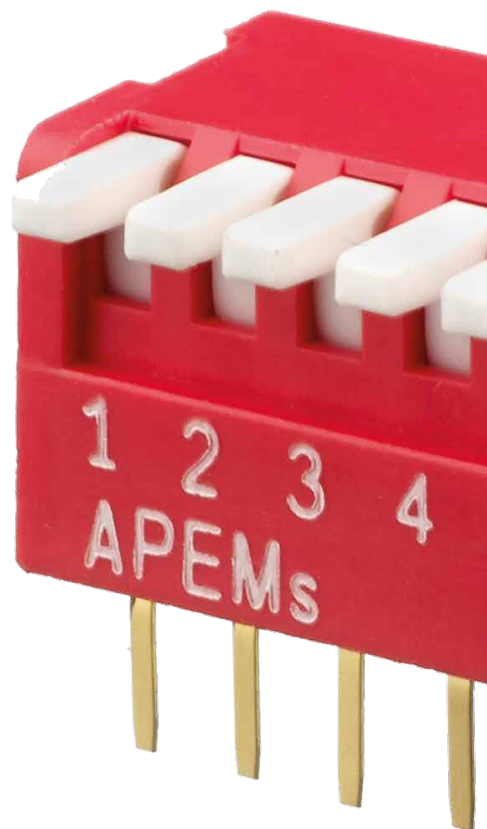
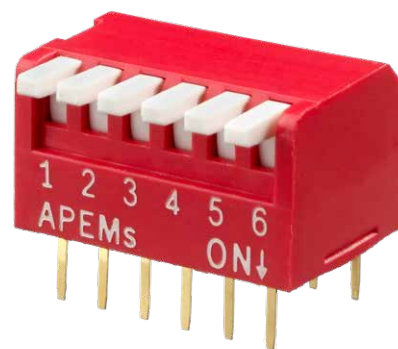
- Operating force: 400 gf (3.92 N) max



MATERIALS

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

The company reserves the right to change specifications without notice.



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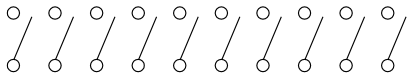
PACKAGING

IC TUBE THROUGH-HOLE

Number of ways	No tape seal	With tape seal
2	70 pcs	65 pcs
3	50 pcs	49 pcs
4		39 pcs
5		32 pcs
6		27 pcs
7		24 pcs
8		21 pcs
9		19 pcs
10		17 pcs
12		14 pcs



CIRCUIT

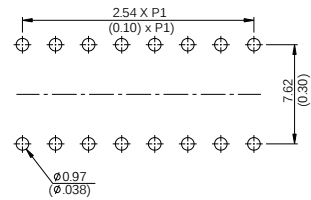


2,3,4,5,6,7,8,9,10,12 way only



PCB LAYOUT

THROUGH-HOLE



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BUILD YOUR PART NUMBER

NDP

SERIES

—

ACTUATOR

-

NUMBER OF WAYS

—

—

TAPE SEAL

-

V

COMPLIANCE

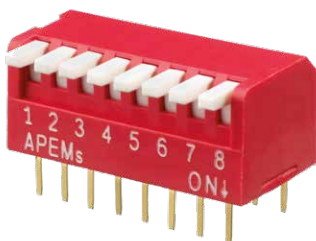
Blank Short
L Long

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

Blank No tape seal
T Tape seal

V RoHS

8 WAY STANDARD PROFILE THROUGH-HOLE PIANO STYLE



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)

