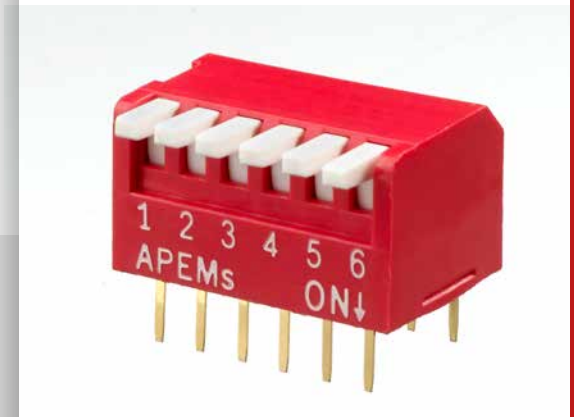
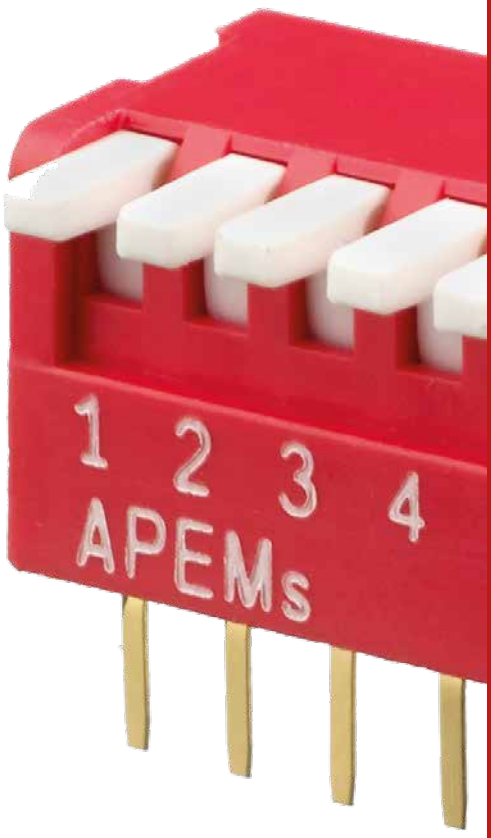
NDP series

Piano style • 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: 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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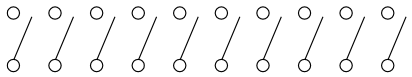
PACKAGING

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	27pcs	
7	24 pcs	
8	21 pcs	
9	19 pcs	
10	17 pcs	
12	14 pcs	

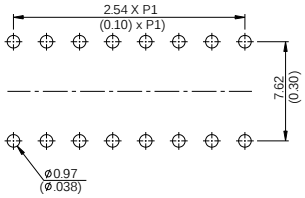
CIRCUIT



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		-			-	V
SERIES	ACTUATOR	NUMBER OF WAYS		TAPE SEAL		COMPLIANCE

ACTUATOR

Blank	Short
L	Long

NUMBER OF WAYS

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

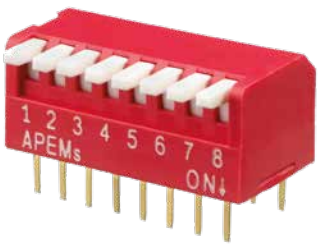
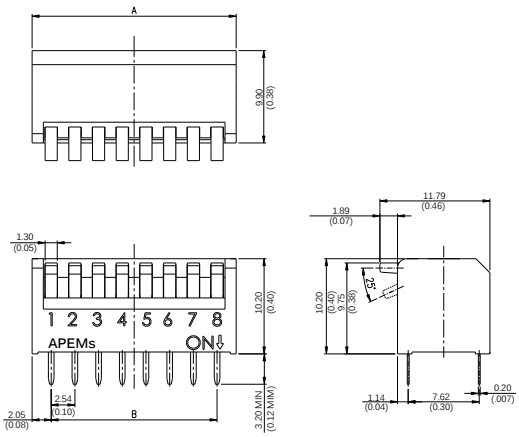
TAPE SEAL

Blank	No tape seal
T	Tape seal

COMPLIANCE

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)