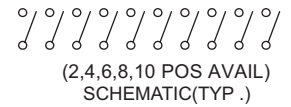
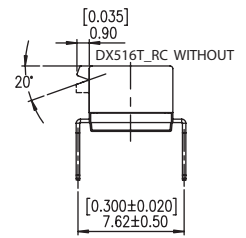
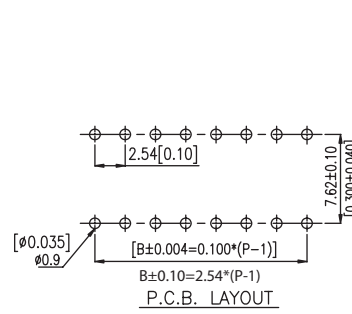
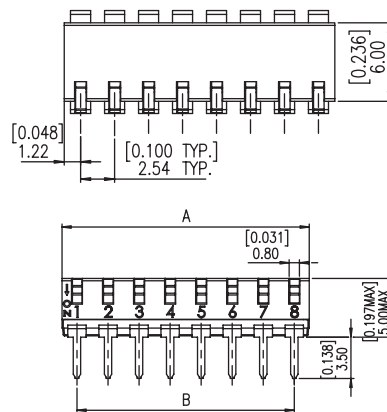
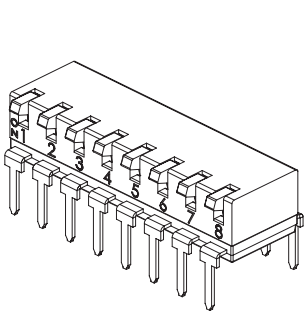


# DIP Switches

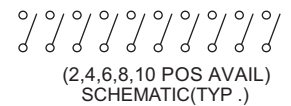
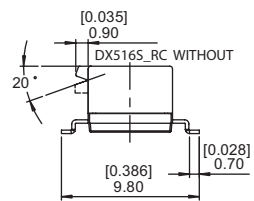
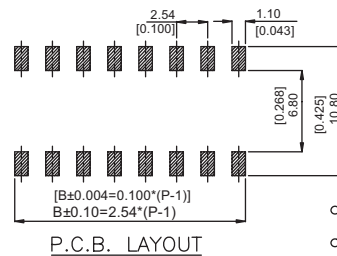
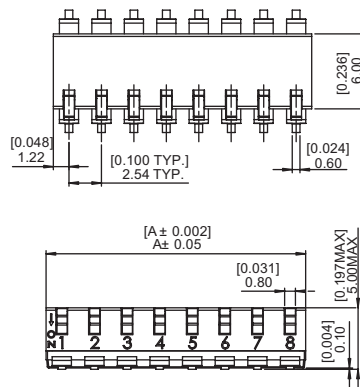
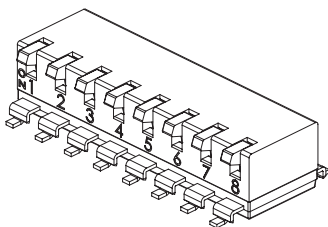
## End Stackable Piano Type DIP Switch

## DX516 Series



General Tolerance : ±0.2mm

### DX516T THT Terminals



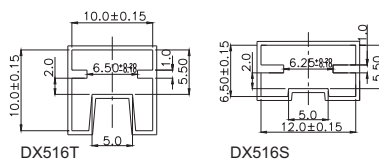
General Tolerance : ±0.2mm

### DX516S SMT Terminals

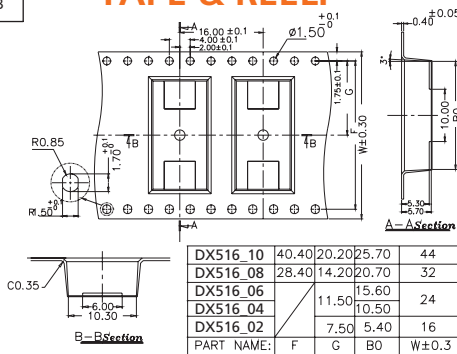
### Dimension A & B:

DX516_	NO. OF POS.	DIM. A	DIM. B
DX516_10	10	25.30[.996]	22.86[.900]
DX516_08	8	20.22[.796]	17.78[.700]
DX516_06	6	15.14[.596]	12.70[.500]
DX516_04	4	10.06[.400]	7.62[.300]
DX516_02	2	4.98[.196]	2.54[.100]
PROD. NO.	NO. OF POS.	DIM. A	DIM. B

### Tube Dimension:



### TAPE & REEL:



### Packing Unit:

PROD.NO	NO.PER TUBE	NO. PER REEL
DX516_10	95	-
DX516_08	47	-
DX516_06	31	-
DX516_04	23	-
DX516_02	18	-
DX516S-02, 04,06,08,10		700

### How to order:



- 1** TYPE OF TERMINALS:
  - T THT Terminals
  - S SMT Terminals
- 2** ACTUATOR TYPE
  - RA Raised Actuator
  - RC Recessed Actuator
- 3** NO. OF POSITIONS:
  - 02 2 Positions
  - 04 4 Positions
  - 06 6 Positions
  - 08 8 Positions
  - 10 10 Positions
- 4** ON/OFF-POSITION
  - 1 Push Down ON (Standard)
  - 0 Push Down OFF
- 5** PACKAGE STYLE:
  - TB Tube
  - TR Tape & Reel (only S.M.T)

### General Specifications:

#### MATERIALS:

- » Cover: UL 94V-0 Nylon High-Temp Thermoplastic Black
- » Base: UL 94V-0 Nylon High-Temp Thermoplastic Black
- » Actuator: UL 94V-0 Nylon High-Temp Thermoplastic White
- » Contact: Alloy Copper with gold cladding
- » Terminal: Brass with gold cladding

#### MECHANICAL:

- » Mechanical Life: 2,000 cycles
- » Operation Force: 800 gf
- » Operation Temperature: -20°C to +85°C
- » Storage Temperature: -40°C to +85°C

#### ELECTRICAL:

- » Electrical Life: 2,000 cycles
- » Rating: 25mA, 24VDC
- » Circuit: Single pole single throw
- » Contact Resistance: 100mΩ max., at 500VDC
- » Insulation Resistance: 100MΩ max., at 500VDC
- » Dielectric Strength: 500VAC / 1 minute

#### SOLDERING PROCESSES:

- » Wave Soldering: Recommended solder temperature at 260°C max. 5 seconds for THT type.
- » Hand Soldering: Use a soldering iron of 30 watts, controlled at 350°C approximately max 5 seconds while applying solder.
- » Reflow Soldering: When applying reflow soldering, the peak temperature or the reflow oven should be set at 260°C max.
- » Do not wash the switch except top tape sealed type, which suitable for spray cleaning method from top of the s/w.

#### Reflow Temperature Profile:

