

### SPECIFICATION

#### MECHANICAL

- Mechanical Life: 2000 operations cycles
- Operation Force: 800gf
- Operation Temperature Range: -20°C to +85°C
- Storage Temperature Range: -40°C to +85°C

#### ELECTRICAL

- Electrical Life: 2000 operation cycles
- Switching Rating: 25mA, 24VDC
- Contact Resistance: 100m  $\Omega$  max at initial
- Insulation Resistance: 100m  $\Omega$  min (at 500VDC)
- Dielectric Strength: 100VAC/1 minute.

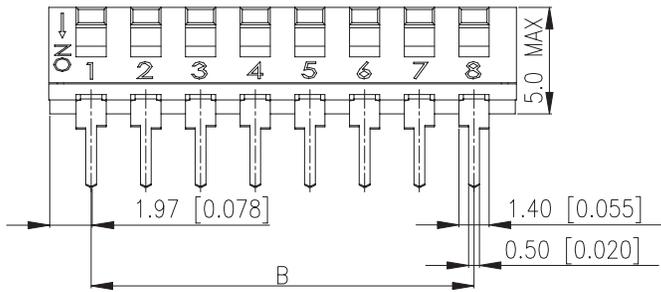
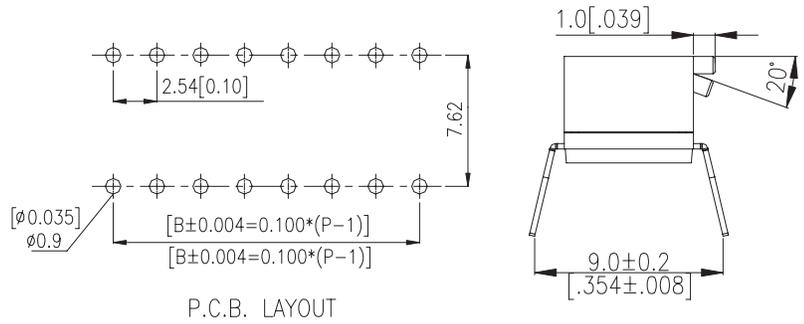
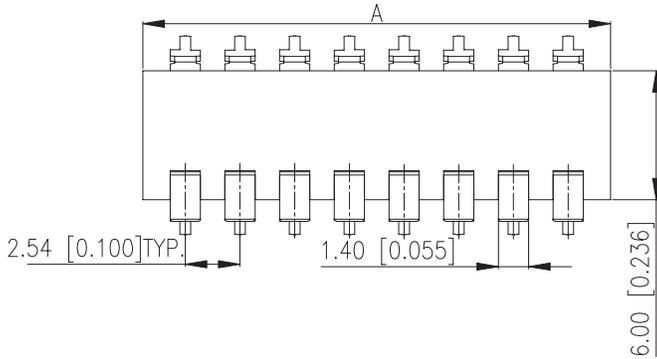
### MATERIAL:

- Base: UL 94V-0 Nylon Thermoplastic.  
Color: Black
- Cover: UL 94V-0 Nylon Thermoplastic.  
Color: Black
- Actuator: LCP Thermoplastic  
Color: White
- Contact: Alloy Copper with gold plated
- Terminal: Brass with gold plated

### Packaging:

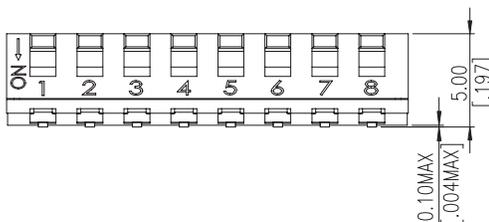
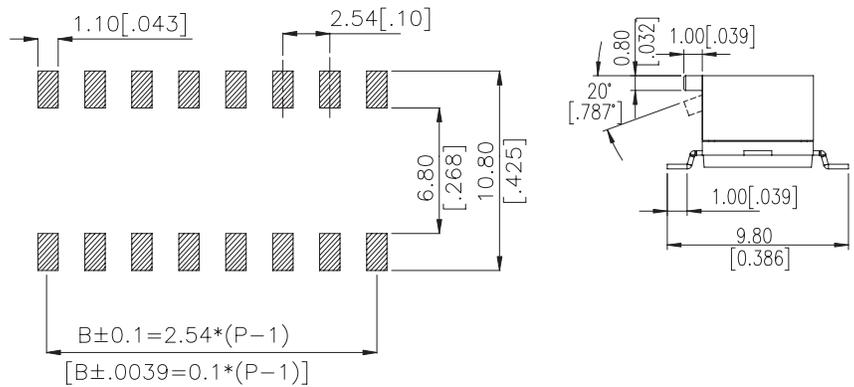
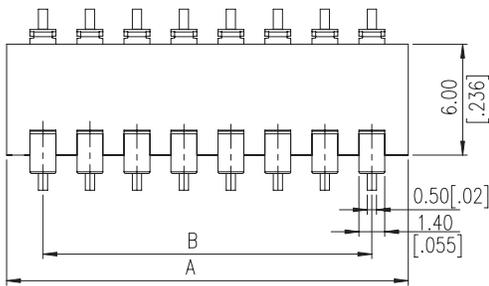
Part Number	Number Per Tube	Number Per Reel
SDNPD(R)-02	70	
SDNPD(R)-04	40	
SDNPD(R)-06	28	
SDNPD(R)-08	20	
SDNPD(R)-10	16	
SDNPC(R)-02	70	700
SDNPC(R)-04	40	700
SDNPC(R)-06	28	700
SDNPC(R)-08	20	700
SDNPC(R)-10	16	700

### SDNPD



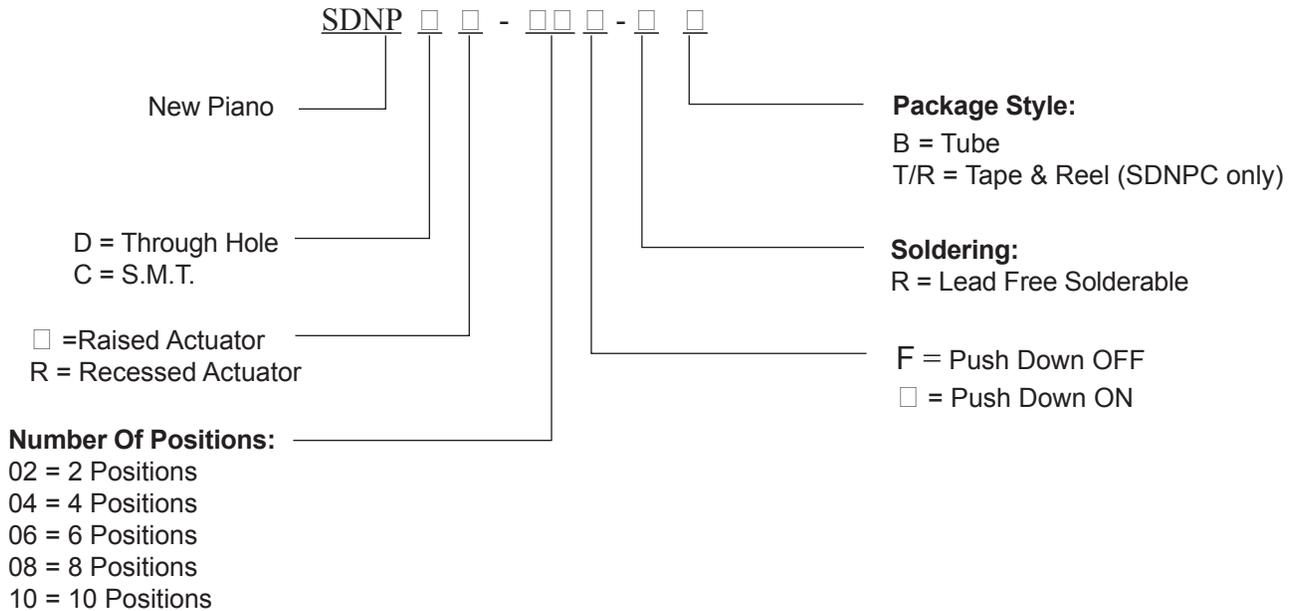
Part No.	No of Pos.	DIM. A	DIM. B
SDNPD-10-R	10	26.80[1.055]	22.86[.900]
SDNPD-08-R	8	21.72[.855]	17.78[.700]
SDNPD-06-R	6	16.64[.655]	12.70[.500]
SDNPD-04-R	4	11.56[.455]	7.62[.300]
SDNPD-02-R	2	6.48[.255]	2.54[.100]

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### HOW TO ORDER:



### Soldering & Cleaning Process

#### ▲ Cleaning

1. Only seal tape type apply to washing process.
2. Do not remove the seal tape before washing
3. After soldering process, do not continue the washing process immediately. Please wait for at least 3 minutes.
4. Apply alcoholic solvents as cleaning agent do not use other solvents or water
5. Ultrasonic cleaning is unavailable.
6. The cleaning process per stage is 1 minute max and the whole cleaning times do not exceed 3 minutes.
7. Do not impose any external force on switch while washing

▲ Any flux enters the switch may fail the conductivity

### Temperature Profile:

