

FEATURES:

- Splay terminals allow automatic insertion by IC insertion machine.
- Low contact resistance
- High density and thinner outline to save package space.
- High pressure contact structure to prevent vibration shock.
- Double contacts offers high reliability.

MATERIAL:

- Cover: UL 94V-0 Nylon High-temp Thermoplastic.
Color: Black
- Base: UL 94V-0 Nylon High-temp Thermoplastic.
Color: Black
- Actuator: UL94V-0 Nylon Thermoplastic
Color: White
- Contact: Alloy Copper with gold plated
- Terminal: Brass C2680-H with tin plated.

SPECIFICATION

MECHANICAL

- Mechanical Life: 500 operations cycles
- Operation Force: 800 gf max
- Operation Temperature Range: -30°C to +80°C
- Storage Temperature Range: -30°C to +80°C
- Vibration Test: MIL-STFD-202F METHOD 201A.
Frequency: 10-55-10Hz/1 minute
Directions: X,Y,Z, three mutually perpendicular directions.
Time: 2 hours each direction.
High reliability.
- Shock Test: MIL-STD-202F METHOD 213B
CONDITION A.
Gravity: 50G (peak value), 11 msec
Direction and times: 6 sides and 3 times in each direction.
High reliability.

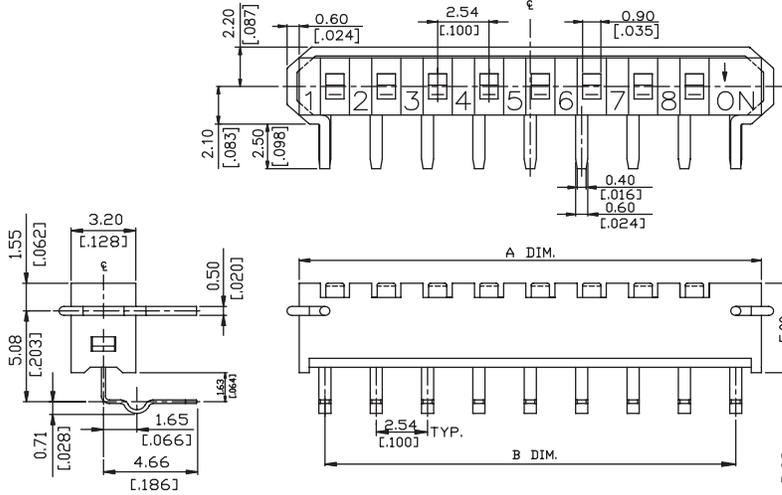
ELECTRICAL

- Electrical Life: 500 operations min. 5VDC
10mA
- Switching Rating: 10mA, 5VDC
- Non-Switching Rating: 100mA, 50VDC
- Contact Resistance:(at current 100mA)
(a) 100mΩ max. at initial
(b) 200mΩ max after life test
- Insulation Resistance: 100MΩ. at 500VDC
- Dielectric Strength: 300VAC/1 minute.
- Capacitance: 5pF Max.
- Circuit: Single pole single throw

Packaging:

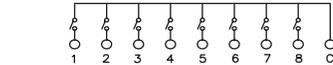
Part Number	No. of Positions	Number Per Tube
SDSL-10A	10	16
SDSL-08A	8	20
SDSL-06A	6	25
SDSL-04A	4	35
SDSL-02A	2	56
SDSL-10T	10	17
SDSL-08T	8	20
SDSL-06T	6	27
SDSL-04T	4	37
SDSL-02T	2	62

SDSL-A

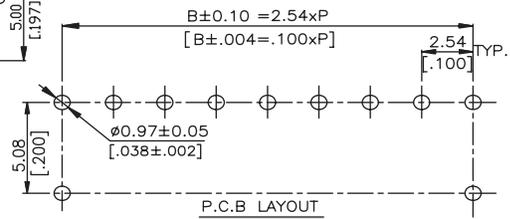


Prod. No	No. Of Pos.	DIM A	DIM B
SDSL-12	12	33.02[1.300]	30.48[1.200]
SDSL-10	10	27.94[1.100]	25.40[1.000]
SDSL-08	8	22.86[.900]	20.32[.800]
SDSL-06	6	17.78[.700]	15.24[.600]
SDSL-04	4	12.70[.500]	10.16[.400]
SDSL-02	2	7.62[.300]	5.08[.200]

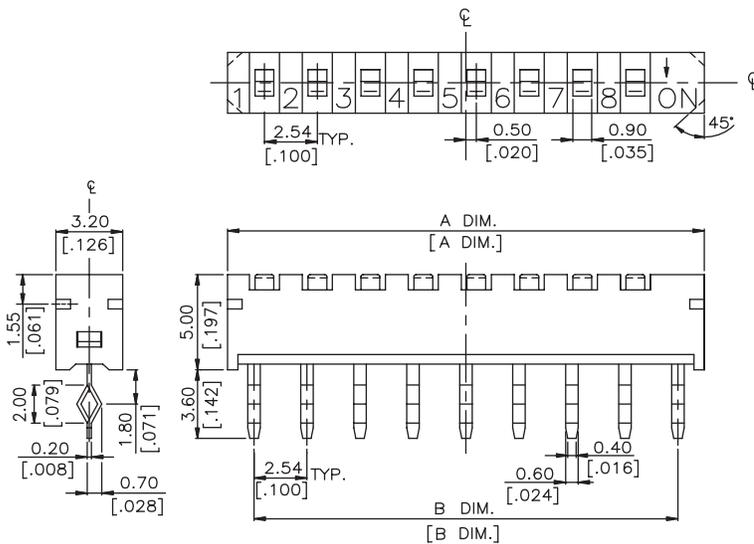
SCHEMATIC(TYP.)



CIRCUIT DIAGRAM (2,4,6,8,10,12 POS. AVAIL)



SDSL-T

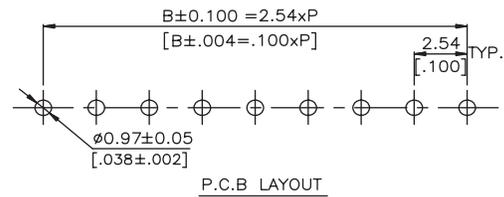


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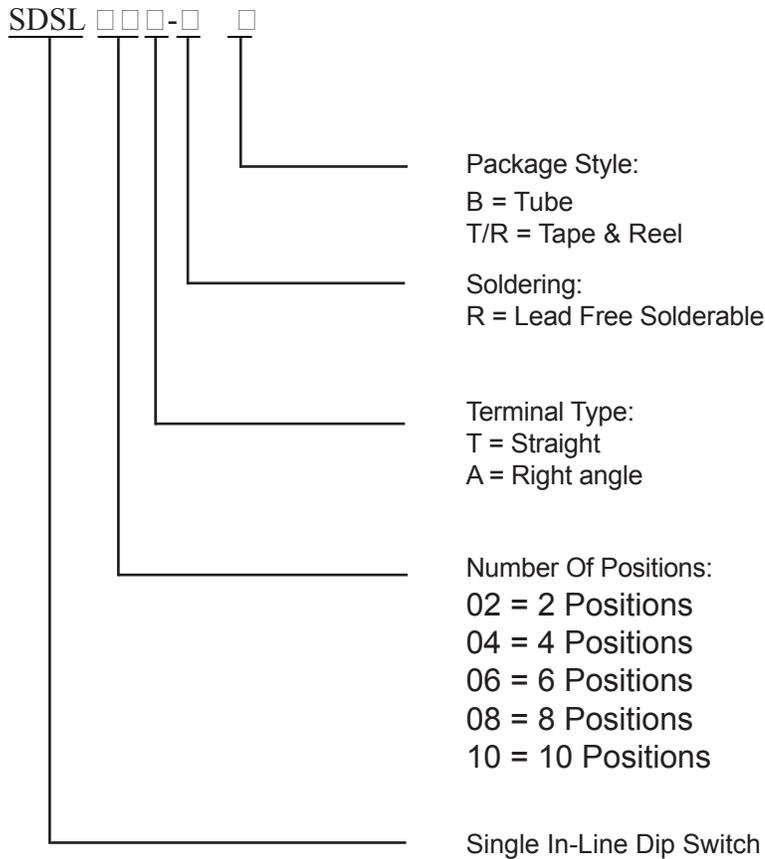
SCHEMATIC(TYP.)



CIRCUIT DIAGRAM (2,4,6,8,10,12 POS. AVAIL)



HOW TO ORDER:



Soldering Process

- ▲ Keep all switches contacts in their OFF position for all operations
- ▲ Hand Soldering : Use a soldering iron of 30 watts, controlled at 350°C approx. 5 seconds while applying solder.
- ▲ Wave Soldering: Recommended solder temperature at 500F(260C) max. 5 seconds.