

FEATURES:

- Low profile, setting (+,0,-) function
- SMT and Through hole types are both available.
- UL94V-0 high-temp thermoplastic is used
- Top tape sealed type permits washing process.

MATERIAL:

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

SPECIFICATION

MECHANICAL

- Mechanical Life: 2000 operations
- Operation Force: 1000 gf max
- Stroke: 0.8mm
- Operation Temperature Range: -20°C to +85°C
- Storage Temperature Range: -40°C to +85°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.

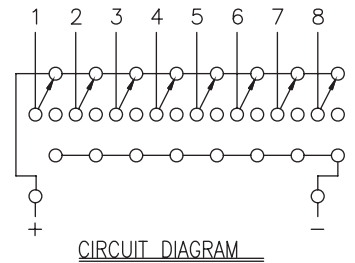
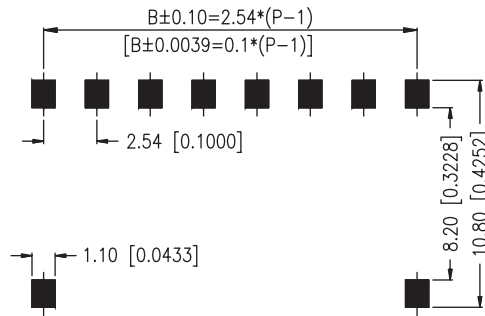
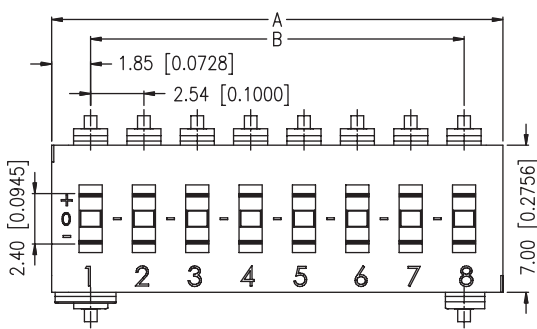
ELECTRICAL

- Electrical Life: 2000 cycles.
- Non-Switching Rating: 100mA, 50VDC
- Rating: 25mA, 24VDC
- Contact Resistance: (a) 50m Ω max at initial
(b) 100m Ω max after life test
- Insulation Resistance: 100m Ω max at 500VDC
- Dielectric Strength: 500VAC/1 minute.
- Circuit: 3 switching positions.

Packaging:

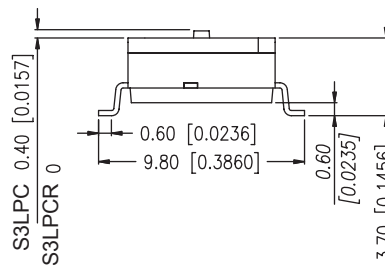
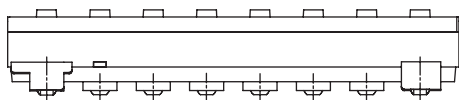
Part Number	Number Per Tube	Number Per Reel
S3LPD(R)-04	41	900
S3LPC(R)-04		
S3LPD(R)-08	22	
S3LPC(R)-08		
S3LPD(R)-09	20	
S3LPC(R)-09		
S3LPC(R)-10	18	
S3LPC(R)-10		

S3LPC(R)



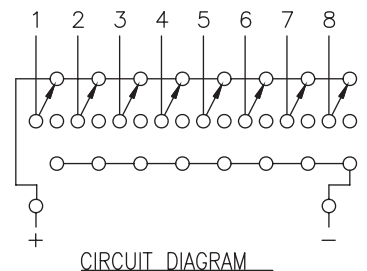
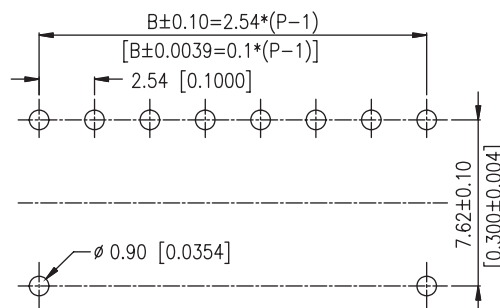
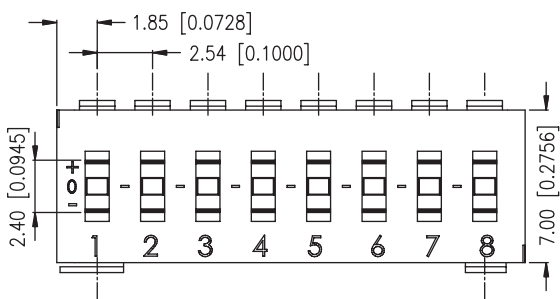
P.C.B. LAYOUT

CIRCUIT DIAGRAM



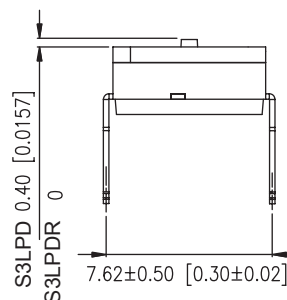
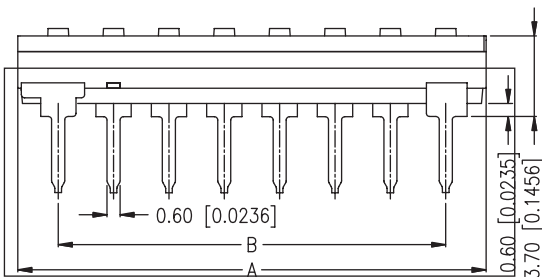
S3LPC-10 S3LPCR-10	10	26.56[1.046]	22.86[.900]
S3LPC-09 S3LPCR-09	9	24.02[.946]	20.32[.800]
S3LPC-08 S3LPCR-08	8	21.48[.846]	17.78[.700]
S3LPC-04 S3LPCR-04	4	11.32[.446]	7.62[.300]
Prod. No.	No. of Pos.	Dim. A	Dim. B

S3LPD(R)



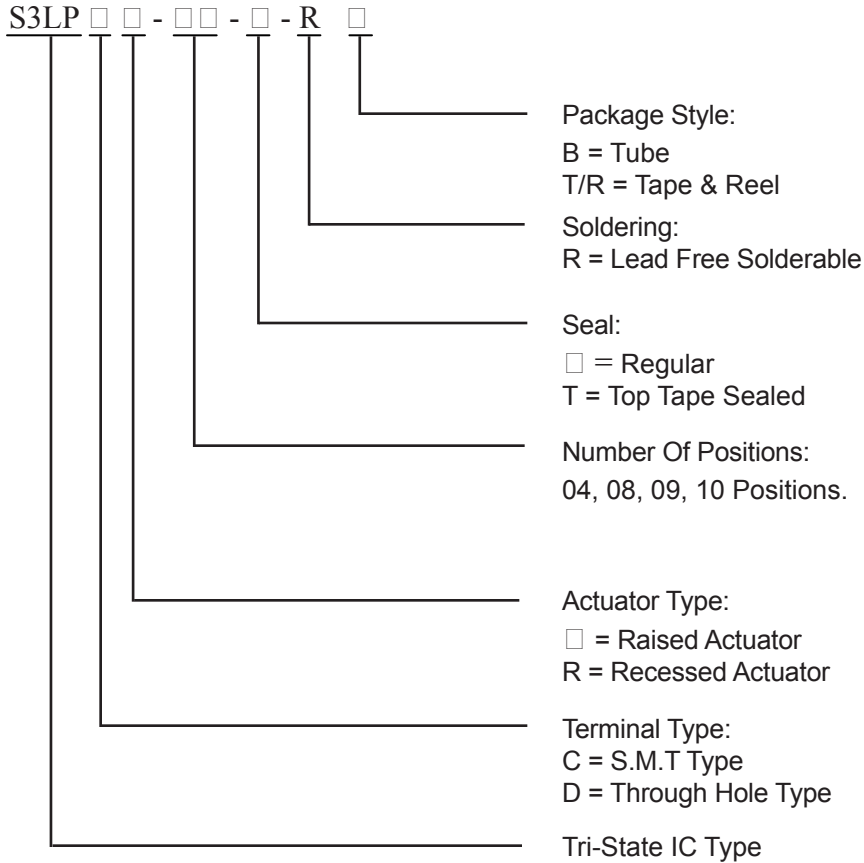
P.C.B. LAYOUT

CIRCUIT DIAGRAM



S3LPD-10 S3LPDR-10	10	26.56[1.046]	22.86[.900]
S3LPD-09 S3LPDR-09	9	24.02[.946]	20.32[.800]
S3LPD-08 S3LPDR-08	8	21.48[.846]	17.78[.700]
S3LPD-04 S3LPDR-04	4	11.32[.446]	7.62[.300]
Prod. No.	No. of Pos.	Dim. A	Dim. B

HOW TO ORDER:



Soldering Process

- ▲ Wave Soldering : Recommended solder temperature at 260°C max 5 seconds for through hole type
- ▲ Hand Soldering : Use a soldering iron of 30 watts, controlled at 350°C approx. 5 seconds while applying.
- ▲ 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 body except top tape sealed type, which suitable for spray cleaning method from top of the s/w
- ▲ Any flux enters the switch may fail the conductivity.

