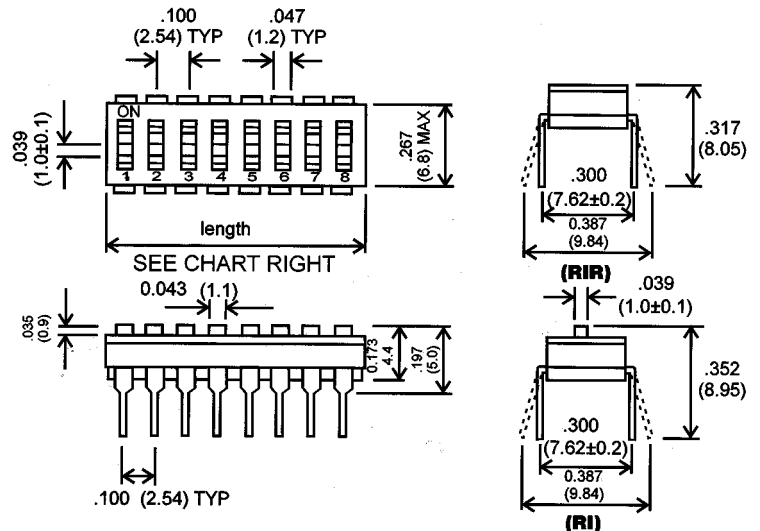


# LD-Series

Low Profile, IC-machine insertable



## Dimensions / Abmessungen



## Features / Eigenschaften

- 1., Straight pinning for manual insertion
- 2., Splayed pinning for automatic insertion by IC insertion machines
- 3., LPR (raised actuator) & LPF Series (flat actuator)
- 4., Double contact pair for high reliability
- 5., Insert molding of pins and ultrasonic welding prevent flux from entering component,
- 6., optional tape sealing allows safe washing process
- 7., ultra low profile, height of body only 3,5 mm

## Materials / Materialien

Base & Cover: ULV94-VO, glassfiber reinforced PBT  
color: black, blue

Actuator: UL94-VO, glassfiber reinforced PBT  
color: white

Contact: Beryllium-Copper

Terminals: Brass

Contact plating: 3 microinches gold over  
50 microinches nickel

Pin plating: tin/lead 90/10

## Models / Modelle

Model No. Modellnummer	No. Positions Schalterzahl	Length in mm/" Länge in mm/"
LP-02	2	5,88/(0,231)
LP-04	4	10,96/(0,431)
LP-06	6	16,04/(0,631)
LP-08	8	21,26/(0,837)
LP-10	10	26,20/(1,031)

## Specification / Spezifikation

Mechanical Life: min 5.000 switch operations each

Electrical Life: min 2.000 switch operation each  
50 mA, 24 VDC

Temperature: operation -40 °C+85 °C

Operation force: less than 800 g

Stroke: 1,0 mm

Non switching: 100 mA, 50 VDC

Switching: 50 mA, 24 VDC

Circuit: single pole, single contact

Vibration test: MIL STD 202F, Method 201A  
Frequency 10-55-10 Hz/1 min  
Directions: x, y, z, mutually perpendicular, time: 2 hours each direction, No contact failure after test.

Shock test: MIL STD 202F, Method 213B  
Condition A  
Gravity: 50 g (peak value) 11 ms,  
Directions and times: 10 shocks in each mutual perpendicular planes.  
No contact failures after test

Other specs: same as other series, see page 7

## How to order / Bestellanleitung

