



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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PB Series Single Pole and Multi-Key Pushbutton Switches



A

Pushbutton

Features/Benefits

- Momentary or latching options
- Reliable contact design
- 2, 4, and 6 pole configurations
- Long travel and extended life cycles

Typical Applications

- Appliances
- Audio and visual equipment
- Consumer electronics
- Industrial equipment



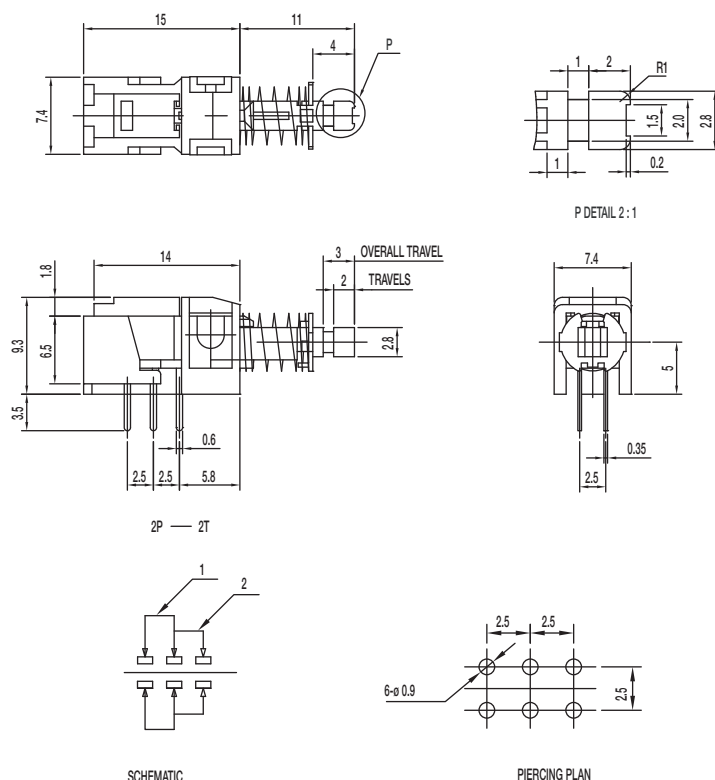
Specifications

CONTACT RATING: 0.3A @ 30 VDC
 INITIAL CONTACT RESISTANCE: 30 m ohms max.
 INSULATION RESISTANCE: 100 M ohms min.
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.
 OPERATING LIFE: 10,000 cycles without load
 OPERATING FORCE:
 250 ± 100 gf (2.45 ± 0.98 N)
 LOCK TRAVEL: 2 ± 0.3 mm
 TOTAL TRAVEL: 3 ± 0.3 mm
 OPERATING TEMPERATURE: -20°C to 70°C

Materials

CASE: PC (UL 94HB)
 PLASTIC CLIP: POM (UL 94HB)
 SPRING: SUS
 KNOB: POM
 TERMINAL: Silver plated

PB-22D01-L 2PDT LOCK / LATCHING

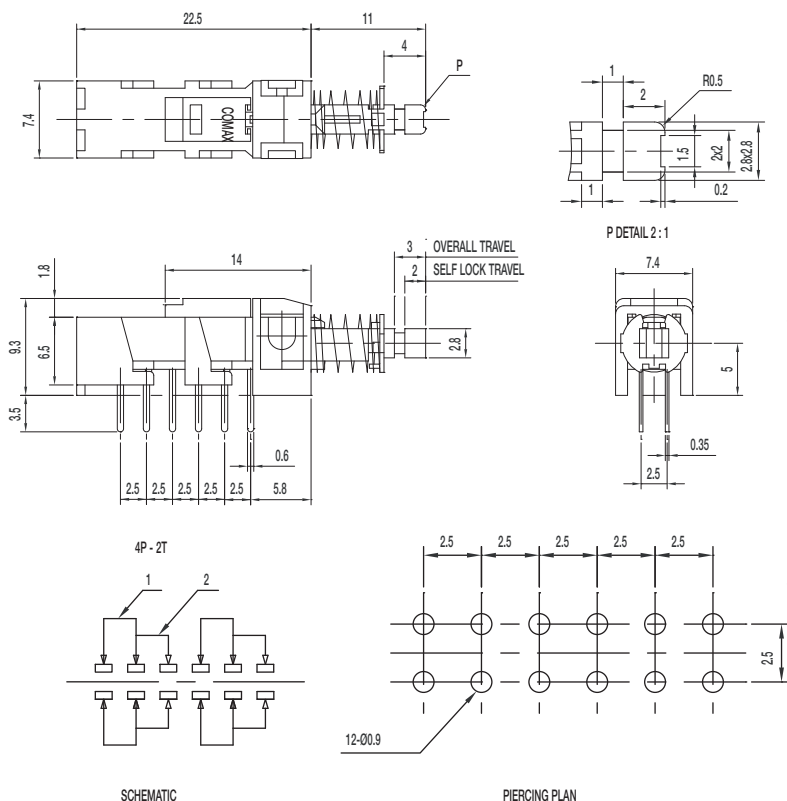


Dimensions are shown: mm
 Specifications and dimensions subject to change

**A****Pushbutton**

PB Series Single Pole and Multi-Key Pushbutton Switches

PB-42D01-L 4PDT LOCK / LATCHING



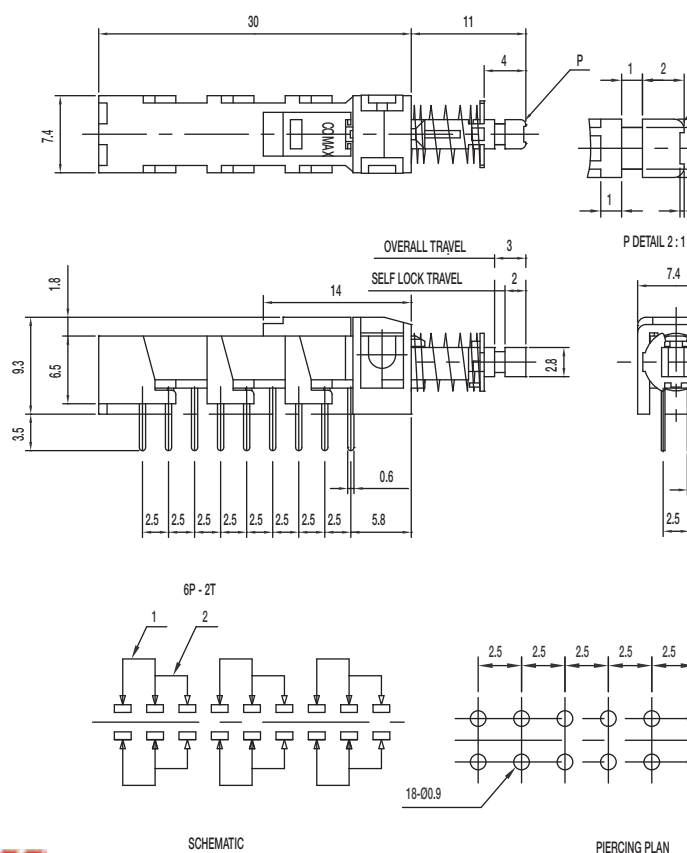
Specifications

CONTACT RATING: 0.3A @ 30 VDC
 INITIAL CONTACT RESISTANCE: 30 m ohms max.
 INSULATION RESISTANCE: 100 M ohms min.
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.
 OPERATING LIFE: 10,000 cycles without load
 OPERATING FORCE:
 280 ± 100 gf
 LOCK TRAVEL: 2 ± 0.3 mm
 TOTAL TRAVEL: 3 ± 0.3 mm
 OPERATING TEMPERATURE: -20°C to 70°C

Materials

CASE: PC (UL 94HB)
 PLASTIC CLIP: POM (UL 94HB)
 SPRING: SUS
 KNOB: POM
 TERMINAL: Silver plated

PB-62D01-L 6PDT LOCK / LATCHING



Specifications

CONTACT RATING: 0.3A @ 30 VDC
 INITIAL CONTACT RESISTANCE: 30 m ohms max.
 INSULATION RESISTANCE: 100 M ohms min.
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.
 OPERATING LIFE: 10,000 cycles without load
 OPERATING FORCE:
 300 ± 100 gf (2.94 ± 0.98 N)
 LOCK TRAVEL: 2 ± 0.3 mm
 TOTAL TRAVEL: 3 ± 0.3 mm
 OPERATING TEMPERATURE: -20°C to 70°C

Materials

CASE: PC (UL 94HB)
 PLASTIC CLIP: POM (UL 94HB)
 SPRING: SUS
 KNOB: POM
 TERMINAL: Silver plated



Dimensions are shown: mm
 Specifications and dimensions subject to change

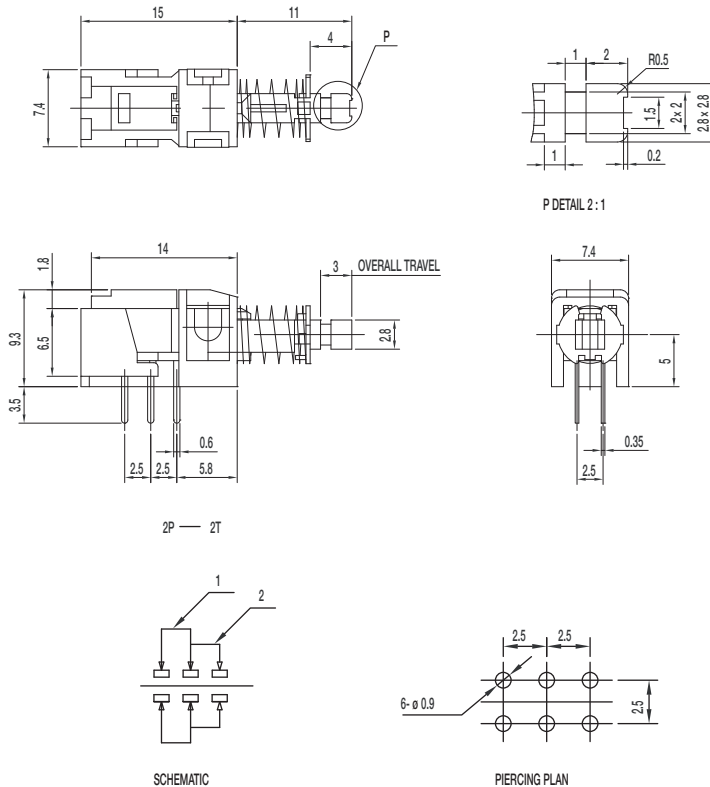
PB Series Single Pole and Multi-Key Pushbutton Switches



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Pushbutton

PB-22D01-F 2PDT NON-LOCK / MOMENTARY



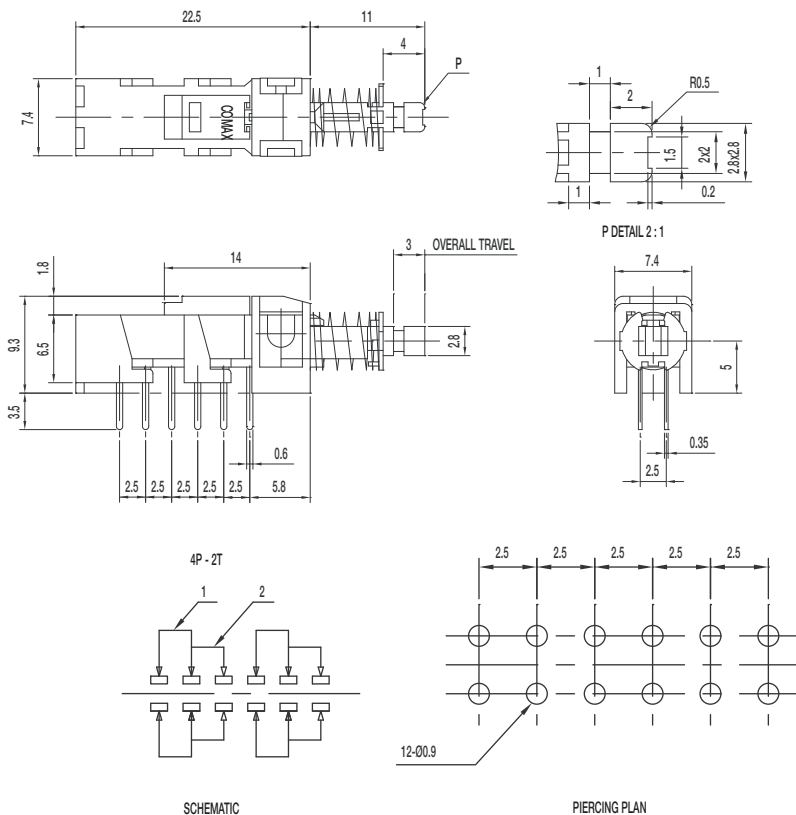
Specifications

CONTACT RATING: 0.3A @ 30 VDC
 INITIAL CONTACT RESISTANCE: 30 m ohms max.
 INSULATION RESISTANCE: 100 M ohms min.
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.
 OPERATING LIFE: 10,000 cycles without load
 OPERATING FORCE:
 $250 \pm 100 \text{ gf}$ ($2.45 \pm 0.98\text{N}$)
 TOTAL TRAVEL: $3 \pm 0.3 \text{ mm}$
 OPERATING TEMPERATURE: -20°C to 70°C

Materials

CASE: PC (UL 94HB)
 PLASTIC CLIP: POM (UL 94HB)
 SPRING: SUS
 KNOB: POM
 TERMINAL: Silver plated

PB-42D01-F 4PDT NON-LOCK / MOMENTARY



Specifications

CONTACT RATING: 0.3A @ 30 VDC
 INITIAL CONTACT RESISTANCE: 30 m ohms max.
 INSULATION RESISTANCE: 100 M ohms min.
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.
 OPERATING LIFE: 10,000 cycles without load
 OPERATING FORCE:
 $280 \pm 100 \text{ gf}$ ($2.477 \pm 0.98\text{N}$)
 TOTAL TRAVEL: $3 \pm 0.3 \text{ mm}$
 OPERATING TEMPERATURE: -20°C to 70°C

Materials

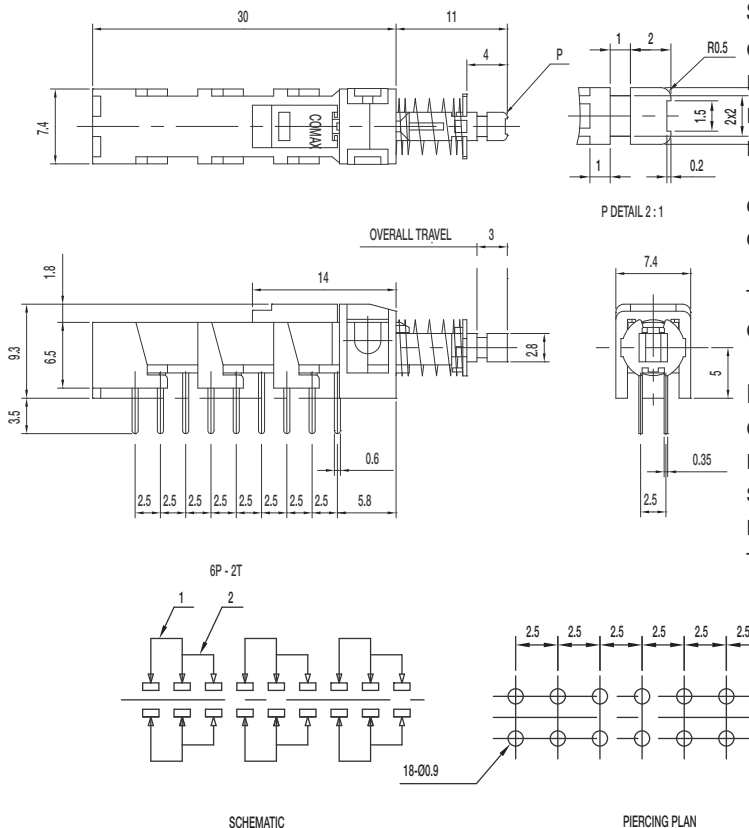
CASE: PC (UL 94HB)
 PLASTIC CLIP: POM (UL 94HB)
 SPRING: SUS
 KNOB: POM
 TERMINAL: Silver plated



Dimensions are shown: mm
 Specifications and dimensions subject to change

**A****Pushbutton**

PB Series Single Pole and Multi-Key Pushbutton Switches

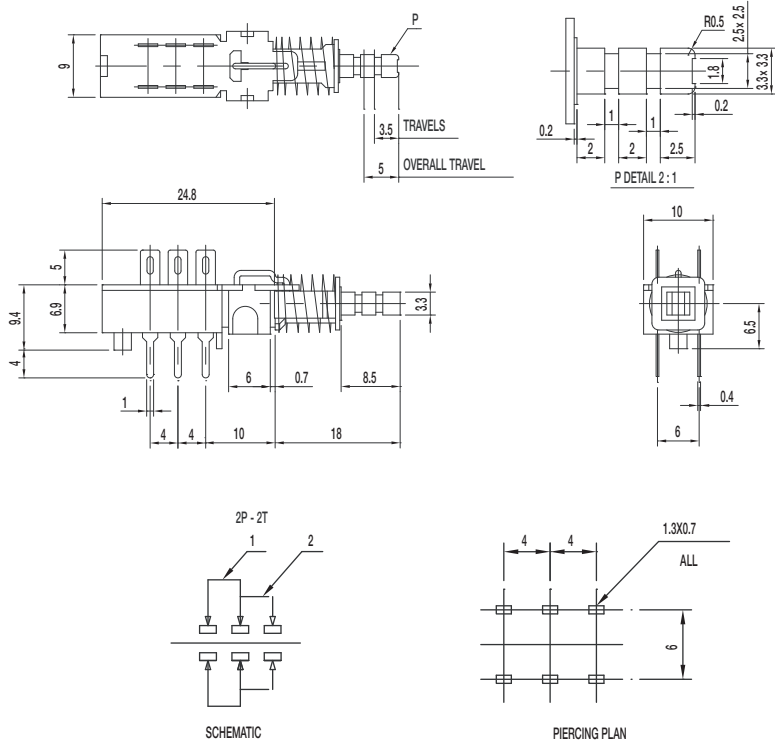
PB-62D01-F 6PDT NON-LOCK / MOMENTARY


Specifications

CONTACT RATING: 0.3A @ 30 VDC
 INITIAL CONTACT RESISTANCE: 30 m ohms max.
 INSULATION RESISTANCE: 100 M ohms min.
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.
 OPERATING LIFE: 10,000 cycles without load
 OPERATING FORCE:
 $300 \pm 100 \text{ gf}$ ($2.94 \pm 0.98 \text{ N}$)
 TOTAL TRAVEL: $3 \pm 0.3 \text{ mm}$
 OPERATING TEMPERATURE: -20°C to 70°C

Materials

CASE: PC (UL 94HB)
 PLASTIC CLIP: POM (UL 94HB)
 SPRING: SUS
 KNOB: POM
 TERMINAL: Silver plated

PB-22G02-L 2PDT LOCK / LATCHING


Specifications

CONTACT RATING: 1A @ 25 VDC
 INITIAL CONTACT RESISTANCE: 30 m ohms max.
 INSULATION RESISTANCE: 100 M ohms min.
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.
 OPERATING LIFE: 10,000 cycles without load
 OPERATING FORCE:
 $350 \pm 150 \text{ gf}$ ($3.43 \pm 1.47 \text{ N}$)
 LOCK TRAVEL: $3.5 \pm 0.3 \text{ mm}$
 TOTAL TRAVEL: $5 \pm 0.3 \text{ mm}$
 OPERATING TEMPERATURE: -20°C to 70°C

Materials

CASE: PC (UL 94HB)
 SPRING: SUS
 KNOB: POM
 TERMINAL: Silver plated



Dimensions are shown: mm
 Specifications and dimensions subject to change

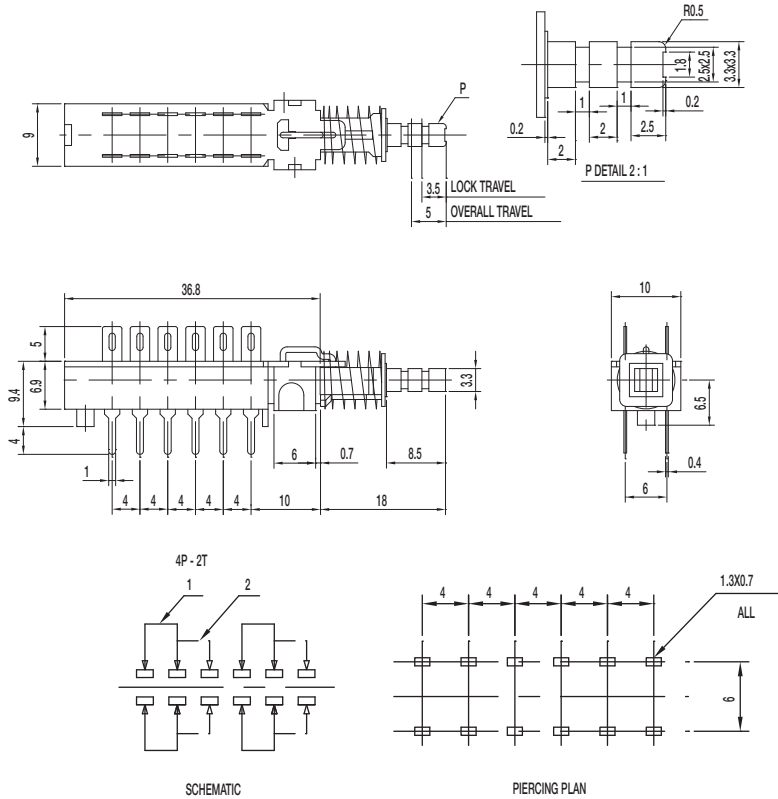
PB Series Single Pole and Multi-Key Pushbutton Switches



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Pushbutton

PB-42G02-L 4PDT LOCK / LATCHING



Specifications

CONTACT RATING: 1A @ 25 VDC

INITIAL CONTACT RESISTANCE: 30 m ohms max.

INSULATION RESISTANCE: 100 M ohms min.

DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles without load

OPERATING FORCE:

400 ± 150 gf (3.92 ± 1.47N)

LOCK TRAVEL: 3.5 ± 0.3mm

TOTAL TRAVEL: 5 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

Materials

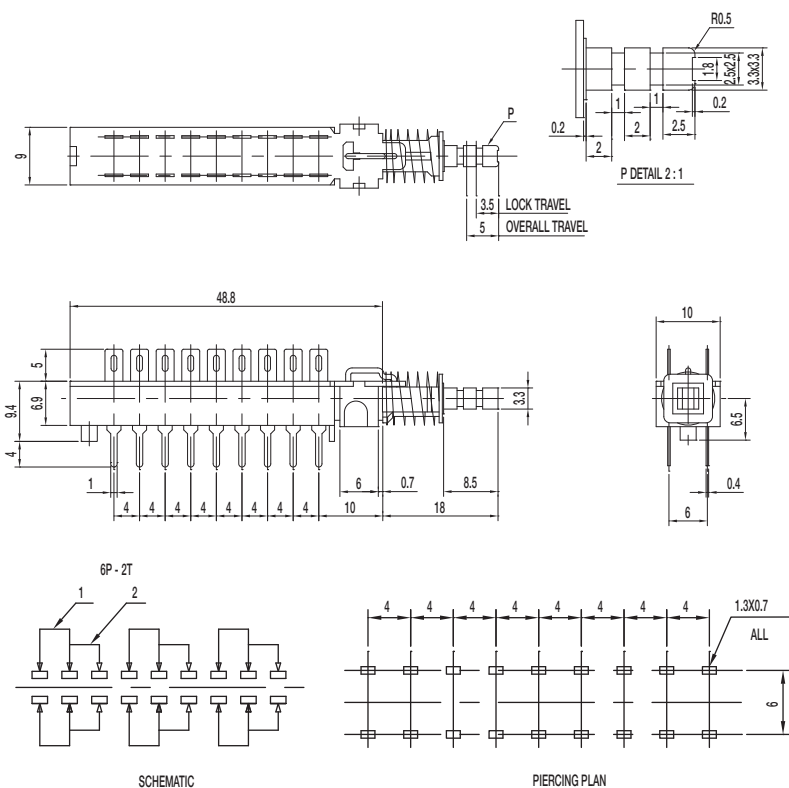
HOUSING: PC (UL 94HB)

SPRING: SUS

KNOB: POM

TERMINAL: Silver plated

PB-62G02-L DPDT LOCK / LATCHING



Specifications

CONTACT RATING: 1A @ 25 VDC

INITIAL CONTACT RESISTANCE: 30 m ohms max.

INSULATION RESISTANCE: 100 M ohms min.

DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles without load

OPERATING FORCE:

450 ± 150 gf

LOCK TRAVEL: 3.5 ± 0.3mm

TOTAL TRAVEL: 5 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

Materials

HOUSING: PC (UL 94HB)

SPRING: SUS

KNOB: POM

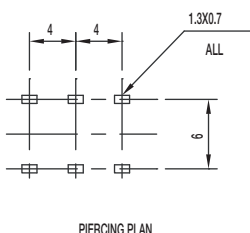
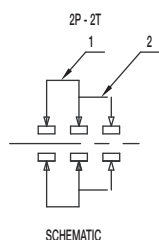
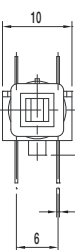
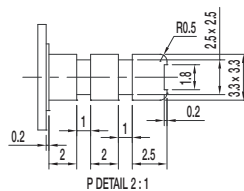
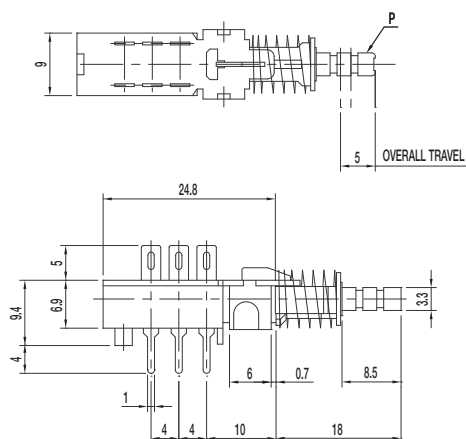
TERMINAL: Silver plated



Dimensions are shown: mm
Specifications and dimensions subject to change

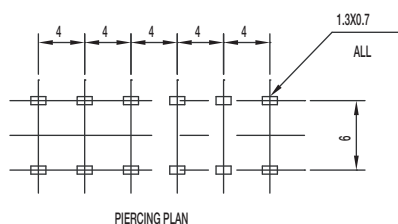
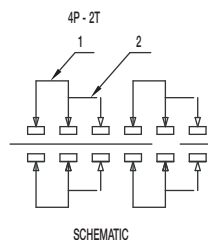
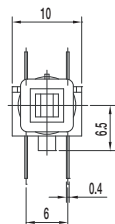
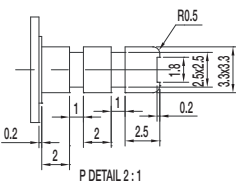


PB-22G02-F DPDT NON-LOCK / MOMENTARY



—OPERATING TEMPERATURE: -20°C to 70°C

TERMINAL: Silver plated



OPERATING TEMPERATURE: -20°C to 70°C

TERMINAL: Silver plated



A

Pushbutton



Materials

TERMINAL: Silver plated



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PB Multi-Key Series

CONTACT RATING: 0.3A @ 30 VDC

INITIAL CONTACT RESISTANCE: 30 m ohms max.

INSULATION RESISTANCE: 100 M ohms min.

DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles without load

OPERATING FORCE:
250 ± 100 gf (2.45 ± 0.98N)

TOTAL TRAVEL: 3 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

CASE: PC (UL 94HB)
PLASTIC CLIP: POM (UL 94HB)
SPRING: SUS
KNOB: POM
TERMINAL: Silver plated

