

PVB Low Profile SMT Push Switches



Features/Benefits

- Compact design
- Adapted for medium power applications
- SMD soldering process
- Tape & reel packaging
- RoHS compliant and compatible

Typical Applications

- Automotive (air conditioning, lighting)
- Industrial
- Control panels

Construction

FUNCTION: Momentary, Push-Push

CONTACT ARRANGEMENT: SPDT (PVB4); DPDT (PVB6)

SWITCHING MODE: Non-shorting

TERMINALS: G termination

PC Pins for THT version

Mechanical

TOTAL TRAVEL / LATCHING TRAVEL:

OA: 2,3 mm

EE: 2,3 / 1,5 mm

OPERATING FORCE: 3N

Process

SOLDERING:

Compatible with lead free soldering process

Packaging

PVB4 - 150 pieces

PVB6 - 200 pieces per reel for SMT version

PVB6 - 600 pieces per box for THT version

Electrical

SWITCHING POWER MAX.: PVB4: 1,4 W DC ; PVB6: 2,8 W DC

SWITCHING VOLTAGE MAX.: 14 V DC

SWITCHING CURRENT MAX.: PVB4: 100 mA DC; PVB6: 200 mA DC

DIELECTRIC STRENGTH (50 Hz / 1 min): 500 V between open contacts

OPERATING LIFE:

PVB4 / PVB6

OA (momentary): \geq 100,000 cycles

EE (push-push): \geq 100,000 cycles

CONTACT RESISTANCE: Initial \leq 150 m Ω

INSULATION RESISTANCE: $\geq 10^8 \Omega$ (100 VDC - 60s)

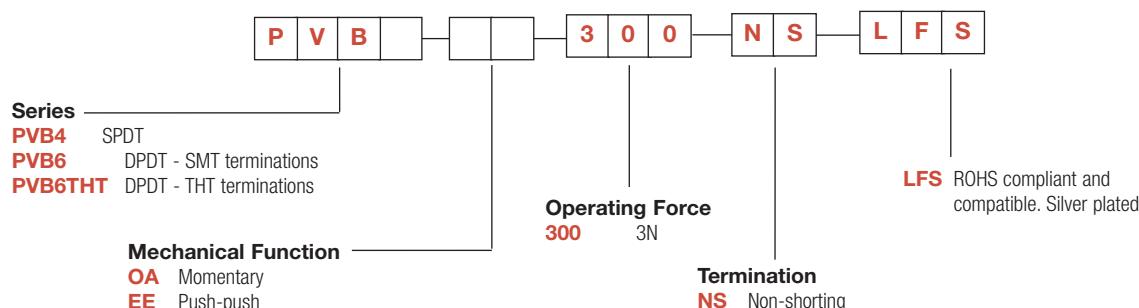
Environmental

OPERATING TEMPERATURE: -40°C to 80°C



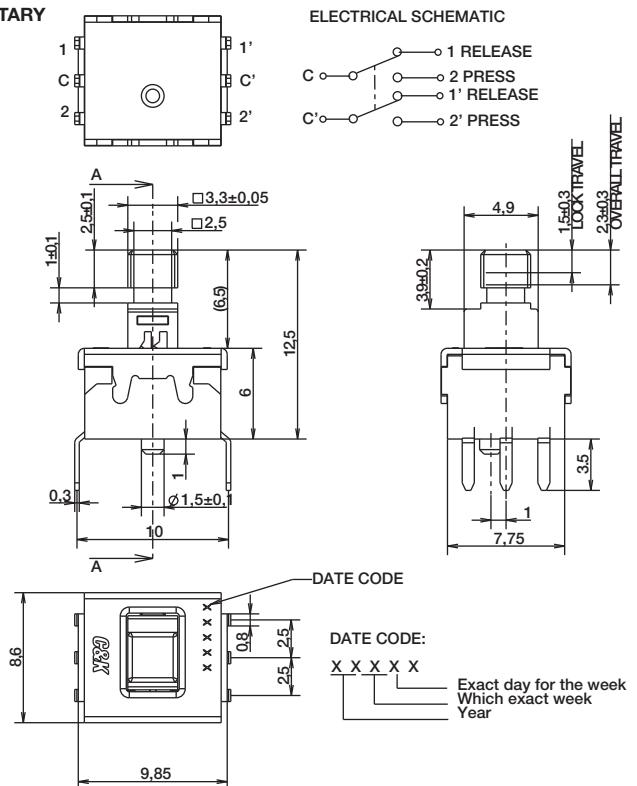
How To Order

Our easy build-a-switch concept allows you to mix and match options to create the switch you need. To order, select desired option from each category and place it in the appropriate box. **Some of the configurations may not be available or could require some development.**

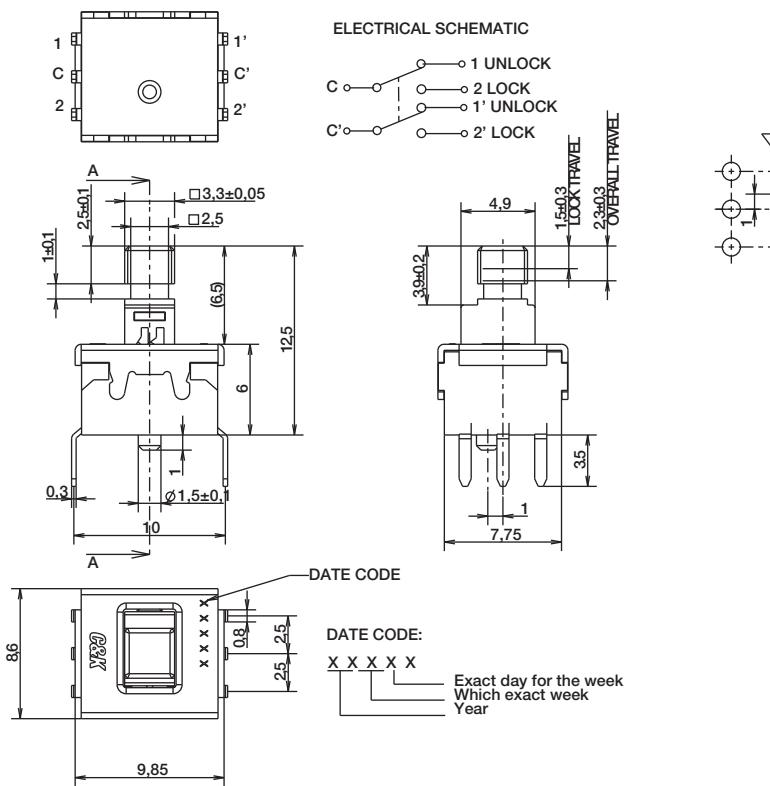


PVB Low Profile Push Switches

PVB6 THT OA MOMENTARY



PVB6 THT EE PUSH PUSH



Key Switches