

Mini Push Button Switch PPS Series

SPECIFICATIONS

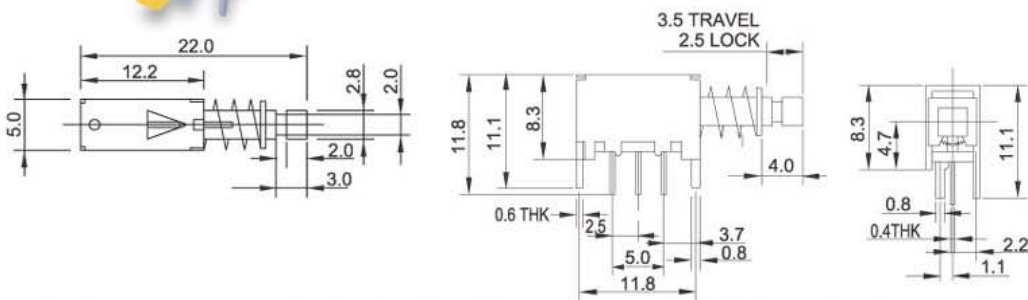
1. Rating: 0.3A, 50VDC.
2. Contact resistance: 30mΩ Max.
3. Insulation resistance: 100MΩ Min. at 500VDC.
4. Withstand voltage: 500VAC for 1 minute.
5. Mechanical life: 10,000 cycles.
6. Operating force: 250±50g.

PART NUMBERING SYSTEM

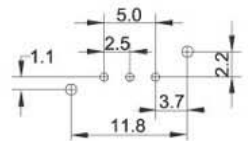
| | | | | | | | | | | | | | | | | | |
|--|-----|-----|--|-----|--|-----|--|-----|--|-----|--|-----|--|-----|--|-----|--|
| {1} | PPS | {2} | | {3} | | {4} | | {5} | | {6} | | {7} | | {8} | | {9} | |
| {1} Series: PPS: Mini push button switch | | | | | | | | | | | | | | | | | |
| {2} Number of poles: 1P: 1 pole, 2P: 2 poles, 4P: 4 poles | | | | | | | | | | | | | | | | | |
| {3} Switching action: L: Lock, NL: Non-lock | | | | | | | | | | | | | | | | | |
| {4} Frame: Blank: (STD. type) B: M: $M2.6 \times 0.45$ H: $\phi 2.8$ Hole | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| {5} Terminal: Blank: $t0.5$ W: | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| {6} Pin pitch: Blank: 3.2, S: 2.5 | | | | | | | | | | | | | | | | | |
| {7} Color of plunger: BL: Blue (STD. for NL action), Y: Yellow (STD. for L action) | | | | | | | | | | | | | | | | | |
| {8} Knob: D: $\phi 7.5 \times 9$, E: $\phi 8.4 \times 9$, F: $\phi 10 \times 11.5$, G: $15 \times 7.5 \times 15$, H: $10 \times 5.5 \times 10.5$ | | | | | | | | | | | | | | | | | |
| {9} Color of knob: 1: Black, 2: Gray, 3: Red | | | | | | | | | | | | | | | | | |

DIMENSIONS (Unit:mm)

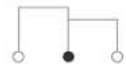
PPS-1PLBSY



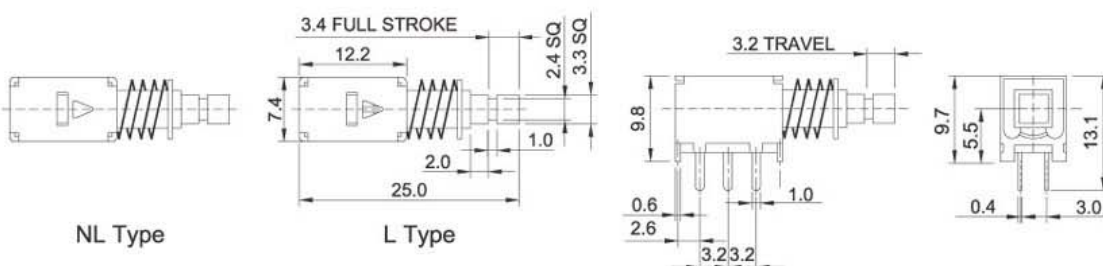
P. C. B. LAYOUT



SCHEMATIC (NON-SHORTING)



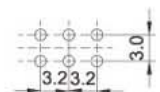
PPS-2PL



NL Type

L Type

P. C. B. LAYOUT



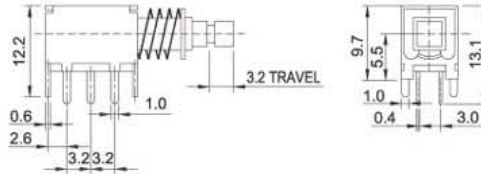
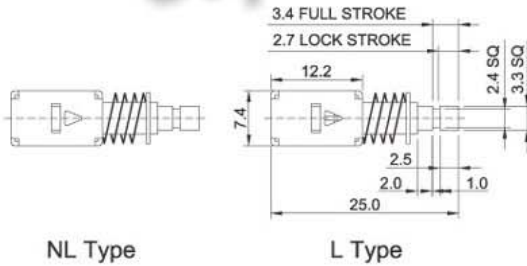
SCHEMATIC



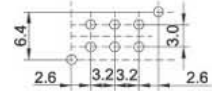
Mini Push Button Switch PPS Series

DIMENSIONS (Unit:mm)

PPS-2PLB
PPS-2PNLB



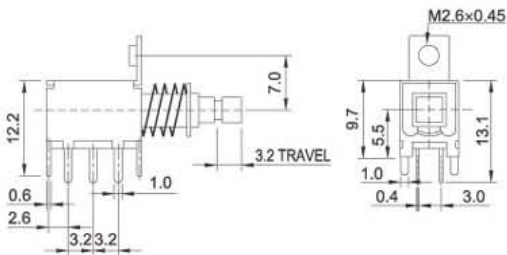
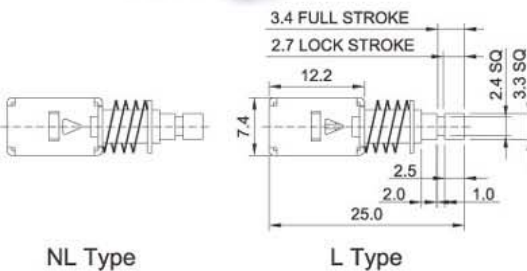
P. C. B. LAYOUT



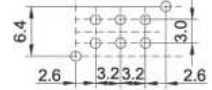
SCHEMATIC



PPS-2PLBM
PPS-2PNLBM



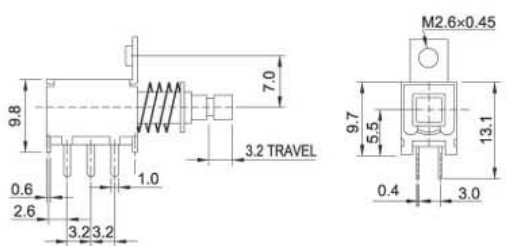
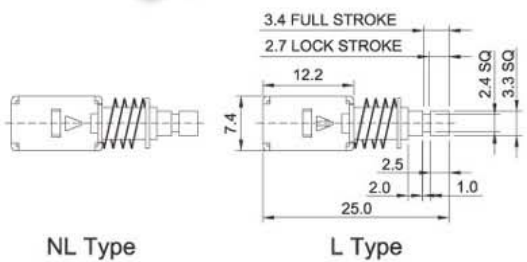
P. C. B. LAYOUT



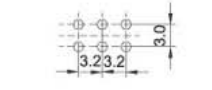
SCHEMATIC



PPS-2PLM
PPS-2PNLM



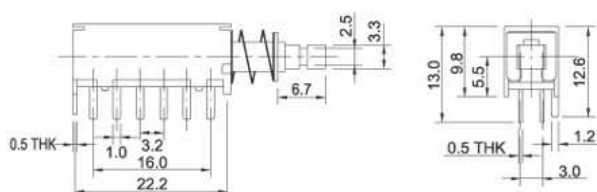
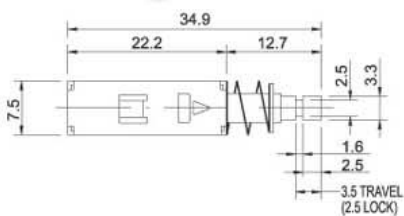
P. C. B. LAYOUT



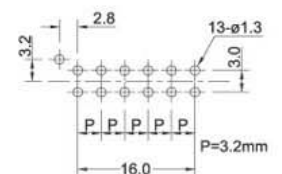
SCHEMATIC



PPS-4PLB
PPS-4PNLB



P. C. B. LAYOUT



SCHEMATIC

