

LPS-200 / LPS-205



FEATURES:

- A miniaturized push button switch
- The double sliding contact structures high reliability
- Circuit: 2P2T, 4P2T, 6P2T types are applied

SPECIFICATION

Mechanical life: 30,000 cycles min

Electrical life: 10,000 cycles min

Contact Rating: 0.1Amps @30 VDC

Insulation Resistance: >100MΩ DC250V

Withstand Voltage: AC250V 1 minute

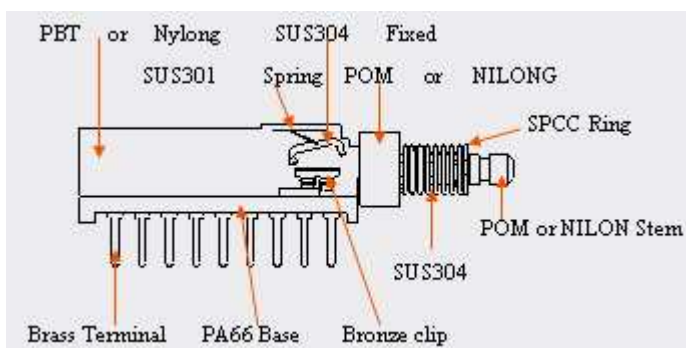
Contact Resistance: <100mΩ

Ambient Humidity: <85%RH

Operating Temper.: -20°C to 70°C

Operating Force: 2 Pole:230±50gf; 4 Pole:280±50gf; 6 Pole:380±50gf

MATERIALS



Case: High Temperature PBT or NYLONG (UL94 V-0)

Base: High Temperature NILONG (UL94 V-0)

Stem: High Temperature NYLONG (UL94 V-0) or POM

Sleeve: High Temperature NYLONG (UL94 V-0) or POM

Terminals: Brass(Plating silver)

Ring: SPCC

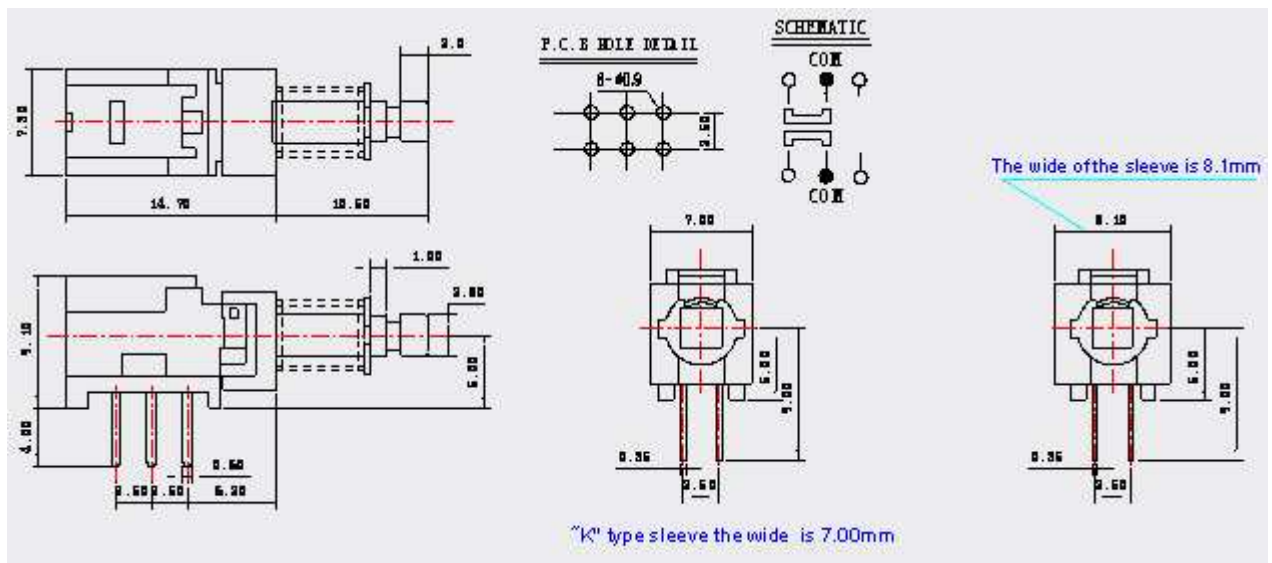
Spring plate: SUS301

Clip: C5210

Spring: SUS304

Fixed Rod: SUS304

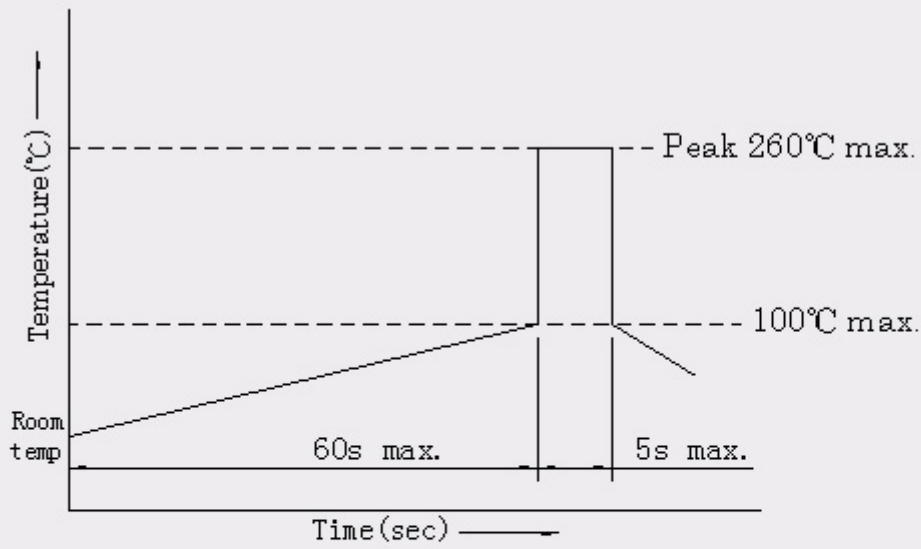
DIMENSION DRAWING



SOLDERING PROCESS

Hand Soldering: Use a soldering iron of 30 watts controlled at 380°C approximately 3 seconds while applying solder.

Wave soldering: When applying reflow soldering, the peak temperature of the reflow Oven should be set to 240°Cmax. On addition for soldering (Reflow & Non-wa shable Type) Temperature Profile:



Items	Condition
Preheating temperature	Ambient temperature of the soldered surface of PC board.100°C max.
Preheating time	60s max.
Soldering temperature	260°C max.
Continuous dipping time	5s max.
Number of soldering	2 times max.