

LPS-400 / LPS-405



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: >100M Ω DC250V

Withstand Voltage: AC250V 1 minute

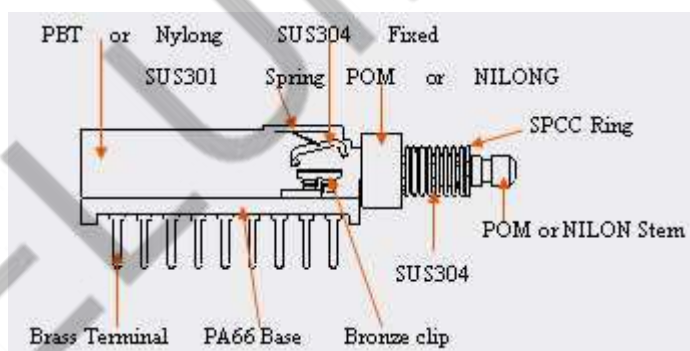
Contact Resistance: <100m Ω

Ambient Humidity: <85%RH

Operating Temper.: -20 $^{\circ}$ C to 70 $^{\circ}$ C

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

MATERIALS

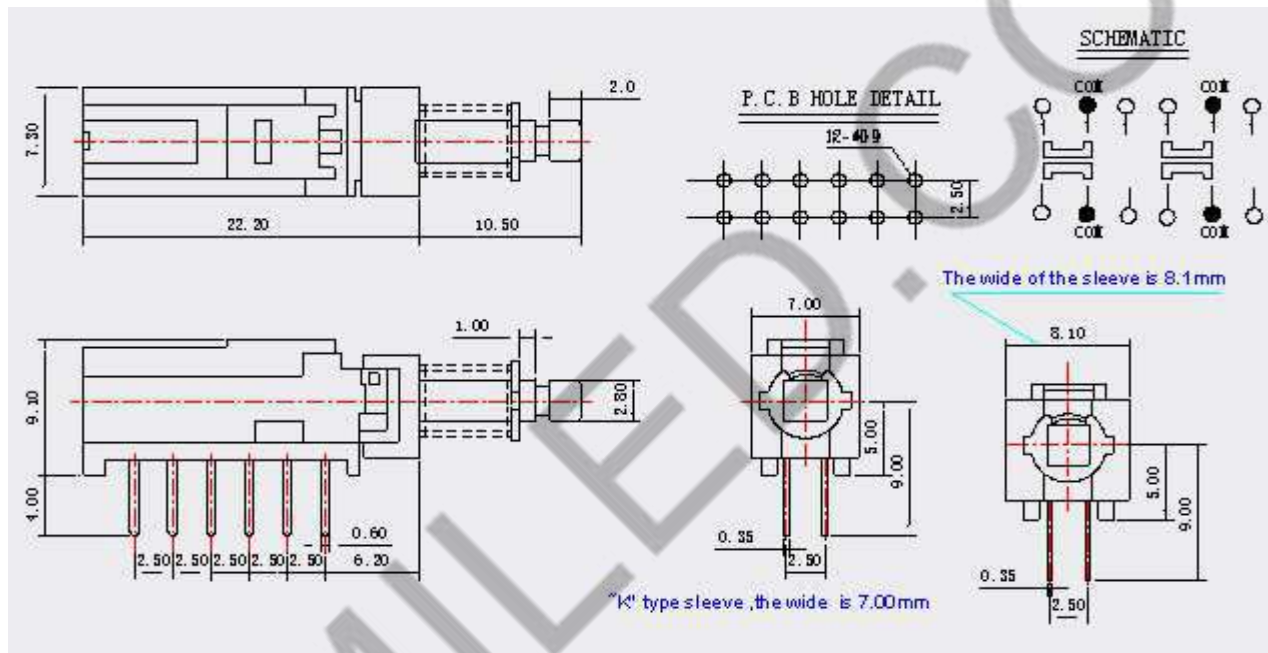


Case: High Temperature PBT or NYLONG (UL94 V-0)

Base: High Temperature NILONG (UL94 V-0)

Stem: High Temperature NYLON (UL94 V-0) or POM
 Sleeve: High Temperature NYLON (UL94 V-0) or POM
 Terminals: Brass(Plating silver)
 Ring:SPCC
 Spring plate: SUS301
 Clip: C5210
 Spring: SUS304
 Fixed Rod: SUS304

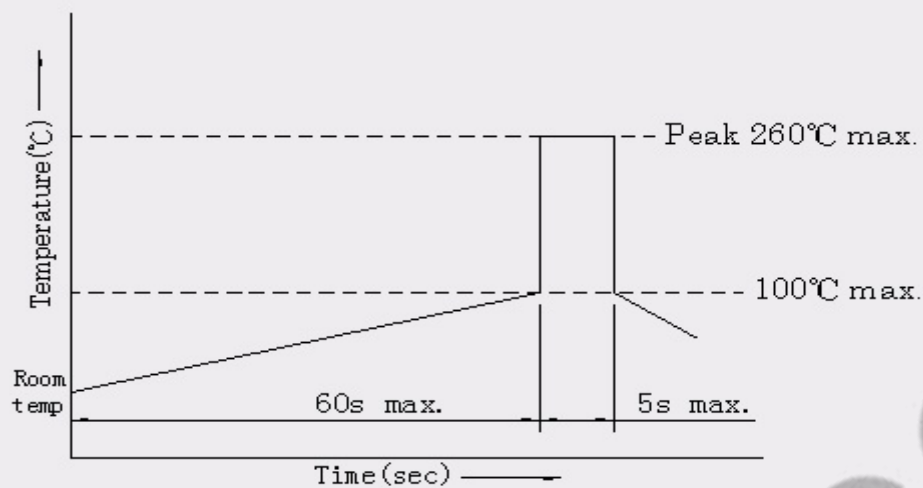
DIMENSION DRAWING



SOLDERING PROCESS

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-wave 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.