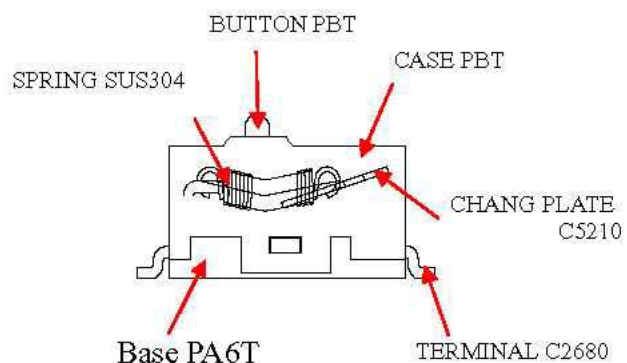


DS130 Series MICRO SWITCH

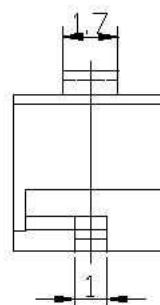
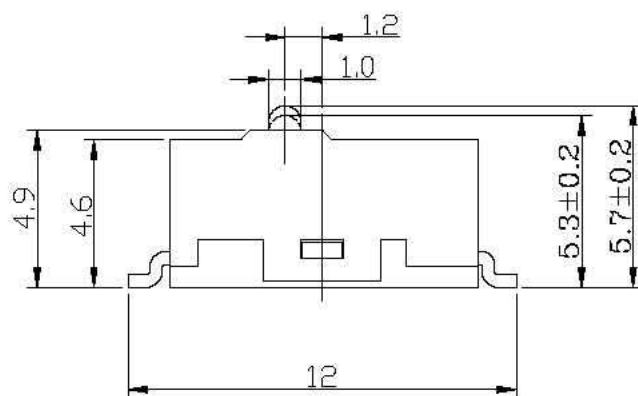
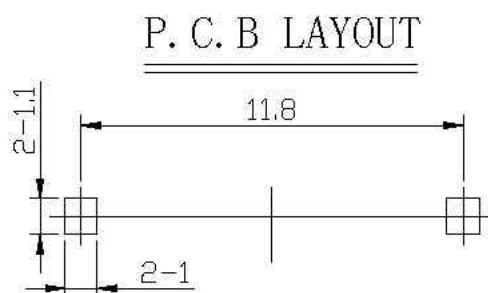
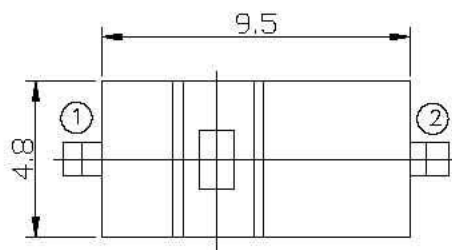
MATERIALS



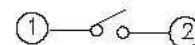
DS130-00MB



DIMENSION DRAWING



SCHEMATIC



Specifications

Contact Rating: 0.1A @ 48VDC;0.1A@125VAC

Electrical life: 1,000,000 cycles

Mechanical life : 1,000,000 cycles min :

Insulation Resistance : > 100M Ω DC250V

Withstand Voltage : AC250V 1 minute :

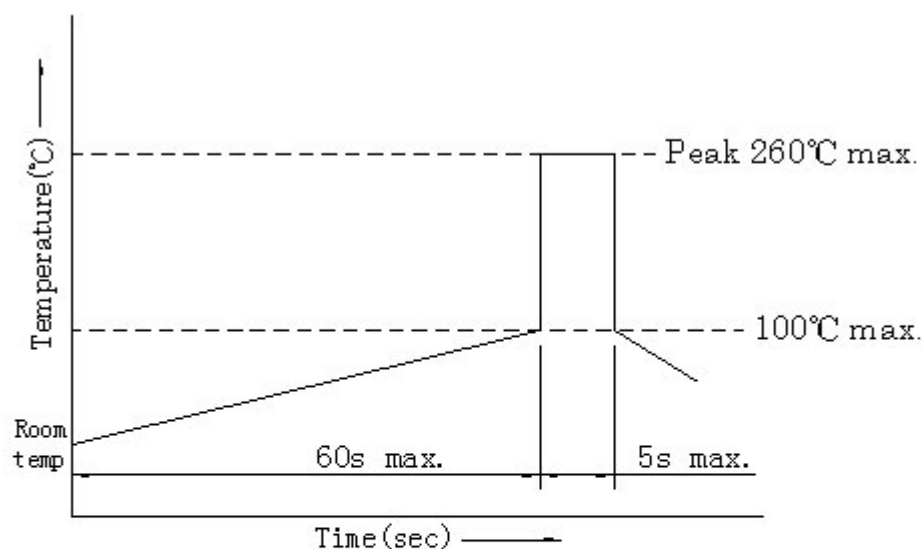
Contact Resistance : < 100m Ω :

Ambient Temper. : -25 $^{\circ}\text{C}$ to 70 $^{\circ}\text{C}$:

Operating Force :

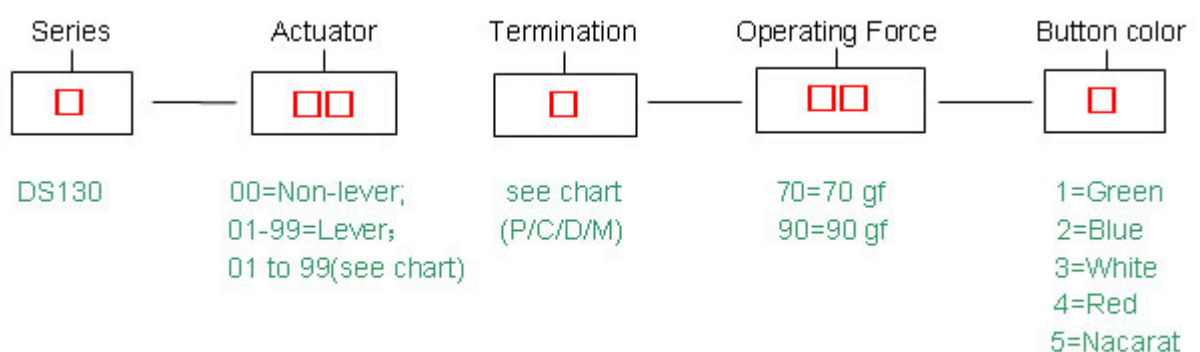
Soldering Process : Hand soldering : Use a soldering iron of 30 watts,controlled at 380 $^{\circ}\text{C}$ approximately 3 seconds while applying solder.

Wave soldering : When applying wave soldering, the peak temperature of the wave Oven should be set to 260 $^{\circ}\text{C}$ max. Condition for soldering (Wave & Non-washable Type) Temperature Profile: (Figure 1)



| 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. |

HOW TO ORDER



EXAMPLE: DS130-00P-70-4; DS130-00C-70-4; DS130-01P-25-4