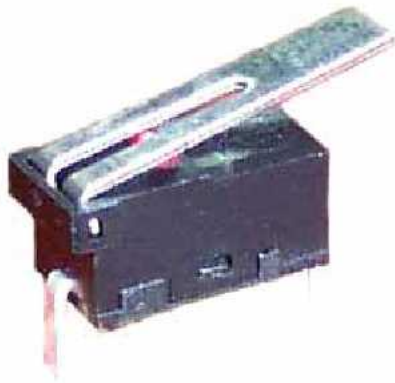
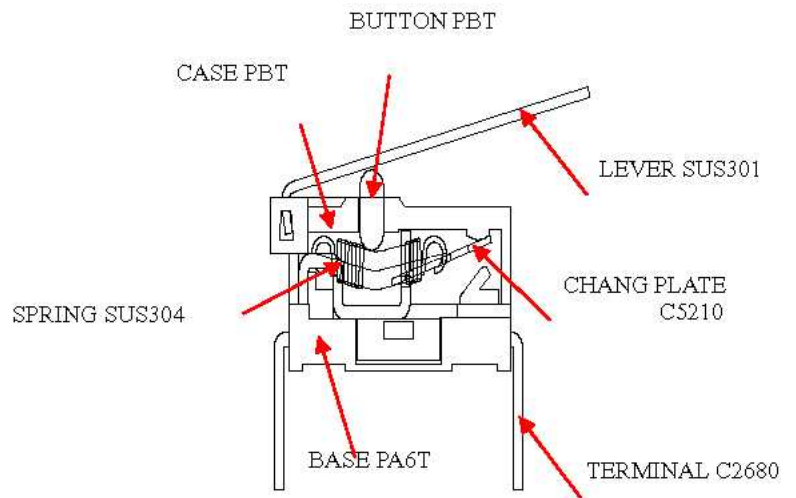


## DS130 Series MICRO SWITCH

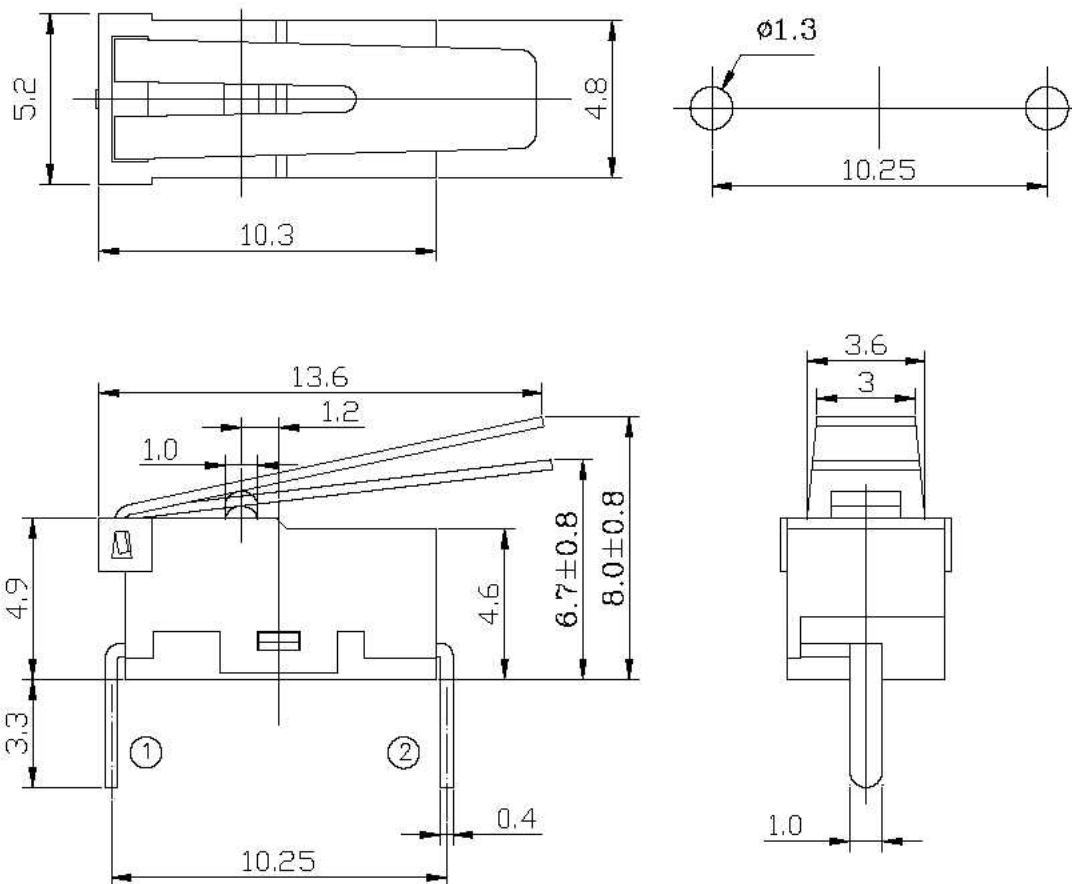
## MATERIALS



**DS130-01P**



## DIMENSION DRAWING



## 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  $\Omega$  DC250V

Withstand Voltage : AC250V 1 minute ;

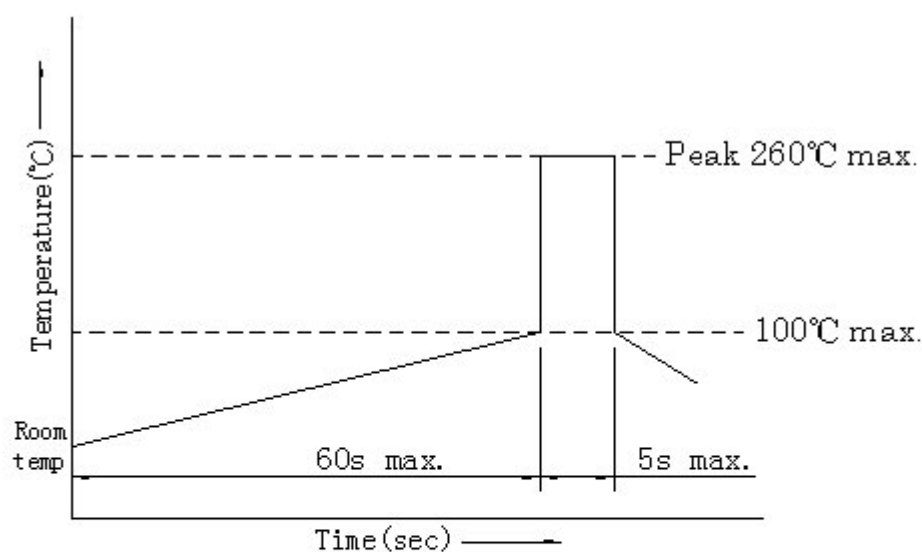
Contact Resistance : < 100m  $\Omega$  ;

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

Operating Force :

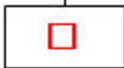

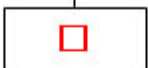

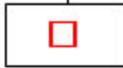
Soldering Process : Hand soldering : Use a soldering iron of 30 watts,controlled at 380  $^{\circ}\text{C}$  approximately 3 seconds while applying solder.

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.

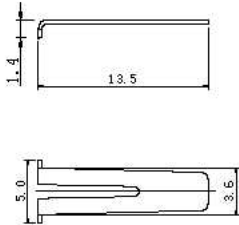
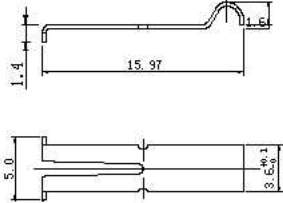
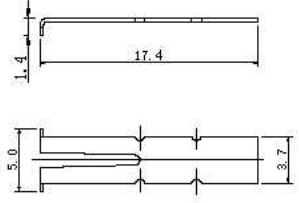
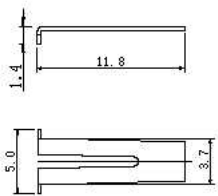
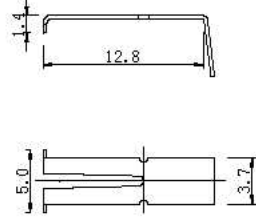
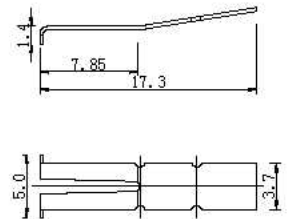
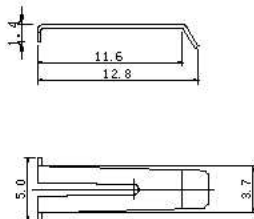
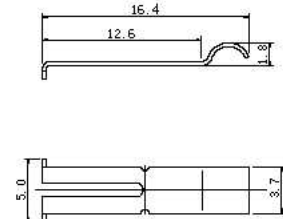
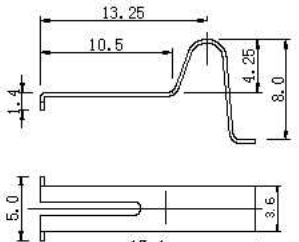
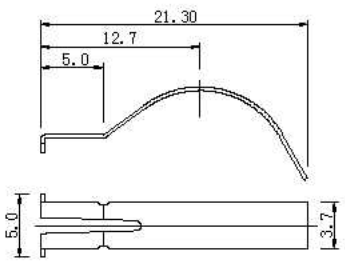
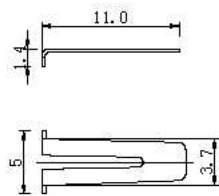
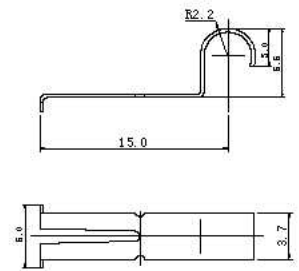
## HOW TO ORDER

Series	Actuator	Termination	Operating Force	Button color
				
DS130	00=Non-lever; 01-99=Lever; 01 to 99(see chart)	see chart (P/C/D/M)	70=70 gf 90=90 gf	1=Green 2=Blue 3=White 4=Red 5=Nacarot

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

# DS130 Series MICRO SWITCH ( Sub-Miniature Snap-Action Switches )

## ACTUATOR CHART

<p>01</p> 	<p>02</p> 	<p>03</p> 
<p>04</p> 	<p>05</p> 	<p>06</p> 
<p>07</p> 	<p>08</p> 	<p>09</p> 
<p>10</p> 	<p>11</p> 	<p>12</p> 

Remark:1.The thickness of the lever is 0.3mm except that be remarked "t=0.4mm"  
 2.The shape of the levers can be machininged what the customers needed