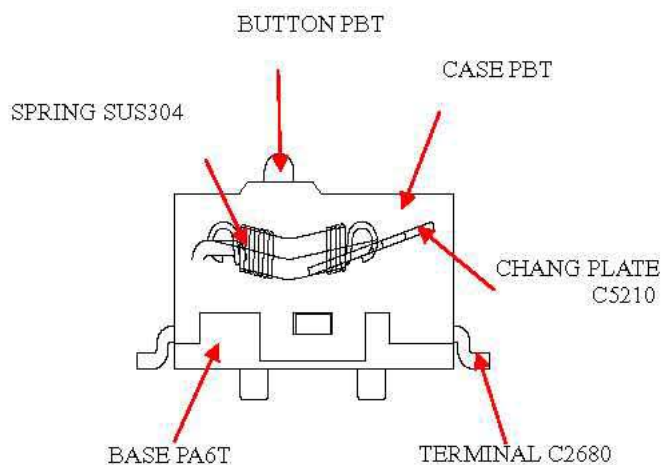


## DS130 Series MICRO SWITCH

## MATERIALS

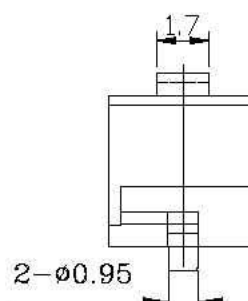
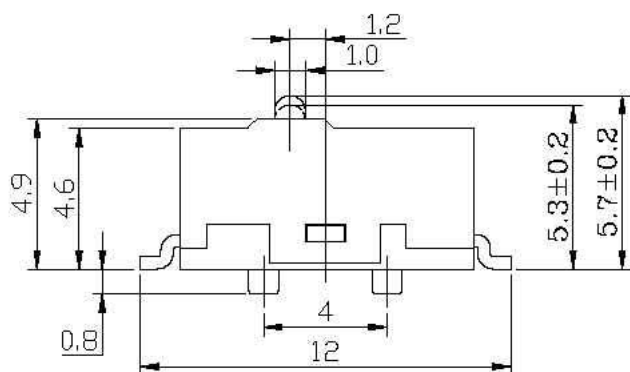
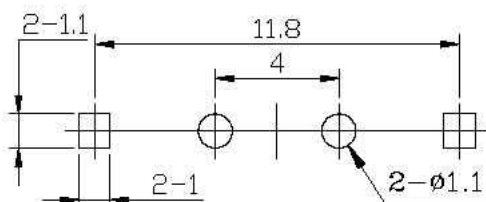
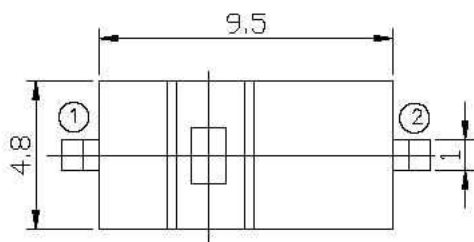


**DS130-00M**

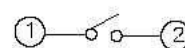


## DIMENSION DRAWING

### P. C. B LAYOUT



### 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  $\Omega$  DC250V

Withstand Voltage : AC250V 1 minute ;

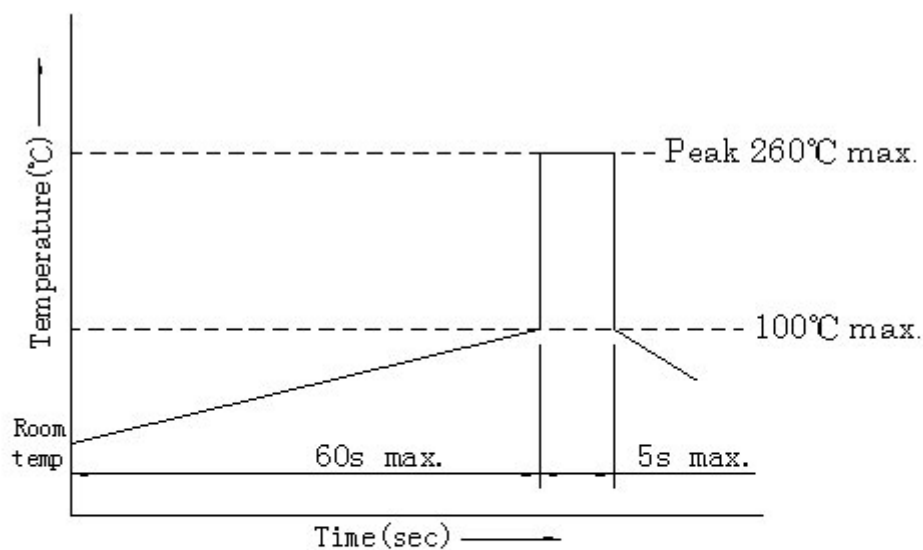
Contact Resistance : < 100m  $\Omega$  ;

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 $^{\circ}\text{C}$ max.
Preheating time	60s max.
Soldering temperature	260 $^{\circ}\text{C}$ 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=Nacarar

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