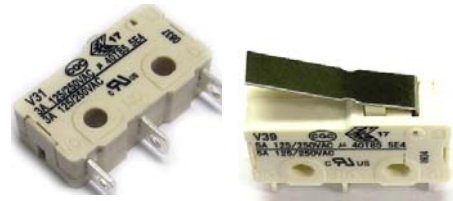


● Switch Overview

- 1.It can be used for 0.1A, 3A, 5A, 10A and other application loads. The product has UL, CQC, ENEC and other related certifications;
- 2.Different types of levers and contact terminal shapes can be customized according to customer needs;
- 3.Product design complies with IEC61058, UL1054 and IEC 60335
- 4.Products comply with ROHS and REACH regulations

● Basic parameters of switch

Mechanical life	1,000,000 cycles
Insulation resistance	100 MΩ min.
Electrical strength	1000VAC for 60 +/- 5 sec
Shell material	UL 94V0 Thermoplastic IEC 60335-1 Ed 4
Point material	Silver Alloy

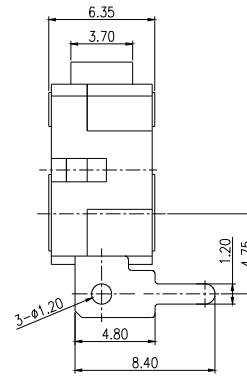
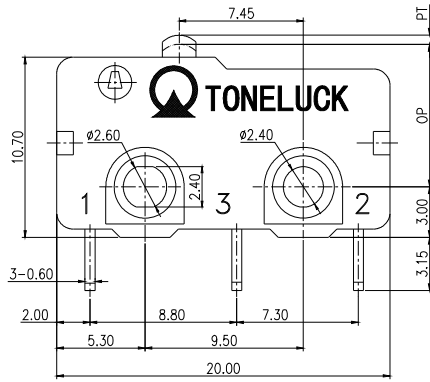


Product Type	Ambient temperature	Rated load	Electrical life(UL)	(ENEC)	(CQC)
V31	40T85	3A 125/250VAC	6,000 cycles	50,000 cycles	50,000 cycles
V34	40T125	10(2)A 125/250VAC		10,000 cycles	10,000 cycles
V35	40T85	10(2)A 125/250VAC		10,000 cycles	10,000 cycles
V36	40T125	0.1A 125/250VAC		50,000 cycles	50,000 cycles
V37	40T85	0.1A 125/250VAC		50,000 cycles	50,000 cycles
V38	40T125	5A 125/250VAC	6,000 cycles	50,000 cycles	50,000 cycles
V39	40T85	5A 125/250VAC	6,000 cycles	50,000 cycles	50,000 cycles

● Switch Selection

	V34	-	A	B	F1	01	-	S	01
Product Type									
V31, V34, V35, V36, V37, V38, V39									
Circuit									
A=SPDT B=SPST-NC C=SPST-NO									
Quick connect terminal									
P, A, B, C...									
Operational force									
F1= 80+/-20 gf F2= 130+/-30 gf F3= 160+/-30 gf F4= 230+/-40 gf (38/V39: F1 spring is not available, V34/V35: only F4 spring can be used)									
Leverage Type									
01, 02, 03... 00= Pin plunger MH= Mushroom plunger									
Contact material									
S= silver contact									
Version									
01 = Standard									

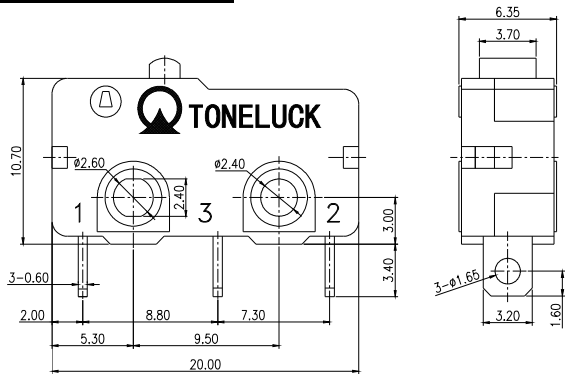
● Switch installation dimensions and precautions



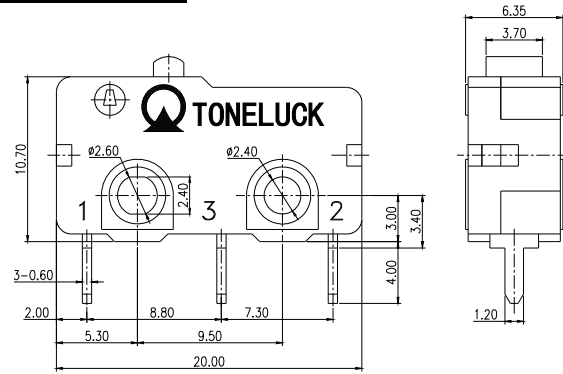
1: COM 2:NC 3:NO

● Quick connect terminal

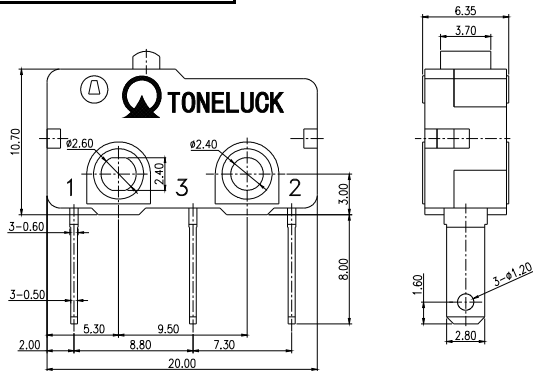
Type A = Solder Terminal



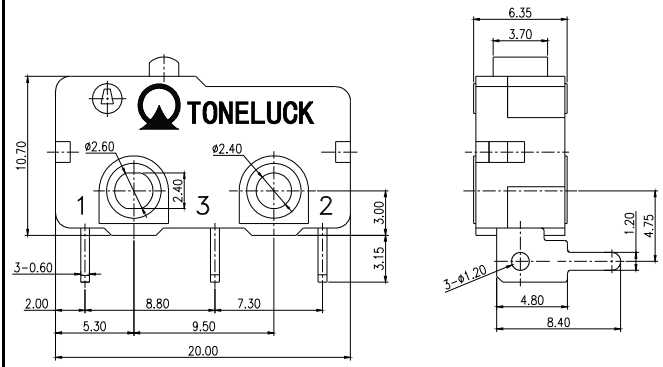
Type P = PCB Terminal



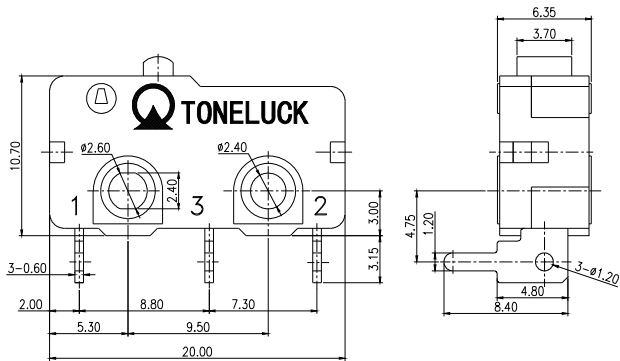
Type D = Quick Connect Terminal



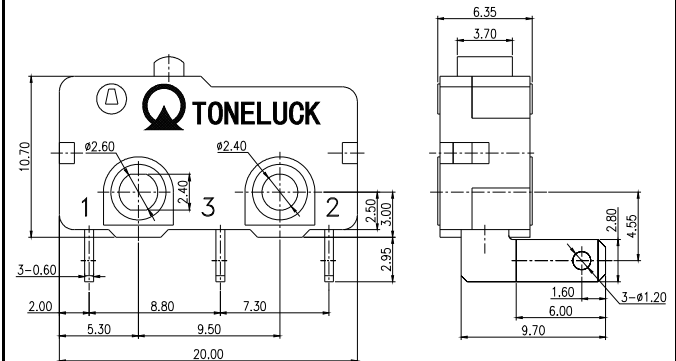
Type B: PCB Terminal (Right Bent)



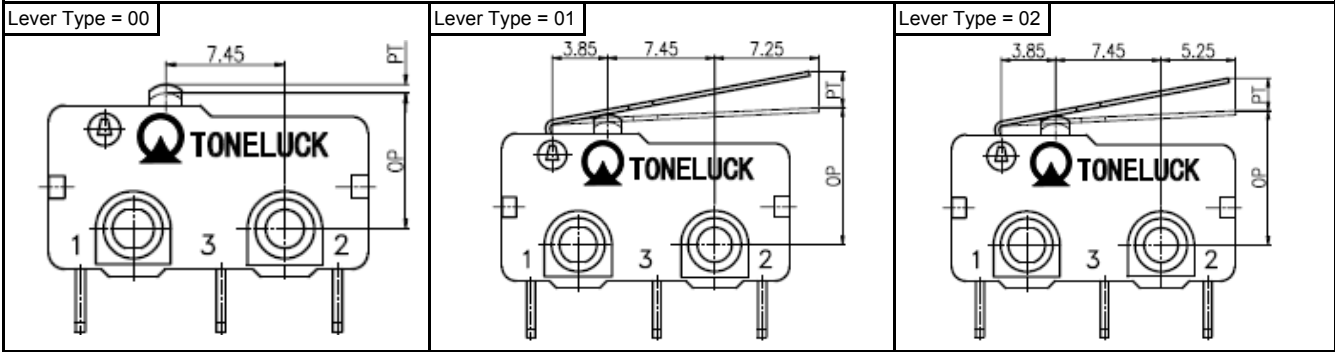
Type C: PCB Terminal (Left Bent)



Type E: Quick Connect Terminal (Right Bent)



● Quick connect terminal



● Correct use of switches and precautions

Correct use of switches

The rated load value indicated above refers to the life that can be achieved when using actual equipment under standard test conditions (ambient temperature: 5~35°C Relative humidity: 45~85%RH Atmospheric pressure: 86~106KPa). Please confirm that not only the load conditions are the same when using, but also the conditions of the environment and the state of use must be the same.

Correct selection of switches

Please select the appropriate switch according to the use environment and load conditions; Please select the appropriate switch in the catalog according to the rated current, voltage, operating force, return force, terminal type, and lever type;

The use of a smaller current switch instead of a larger current switch will result in insufficient switch life and serious damage to electrical equipment; the use of a larger current switch instead of a smaller current switch will affect the contact reliability of the switch, especially in digital circuits, which will cause confusion in circuit logic.

Correct installation

When tightening the switch, it is recommended to use a torque-grade screwdriver and tighten it with a torque of 2~4Kg.cm (the screw is M2.3 specification). Too much torque will cause the shell to deform or damage, the switch performance will decrease, and in severe cases, the switch function will fail.

Storage of switches

Please avoid places with polluted gas, organic gas, dusty, humid environment, etc. The switch housing is not sealed, and the above environment may cause the switch contact surface to be contaminated or corroded, and the switch performance will be reduced.