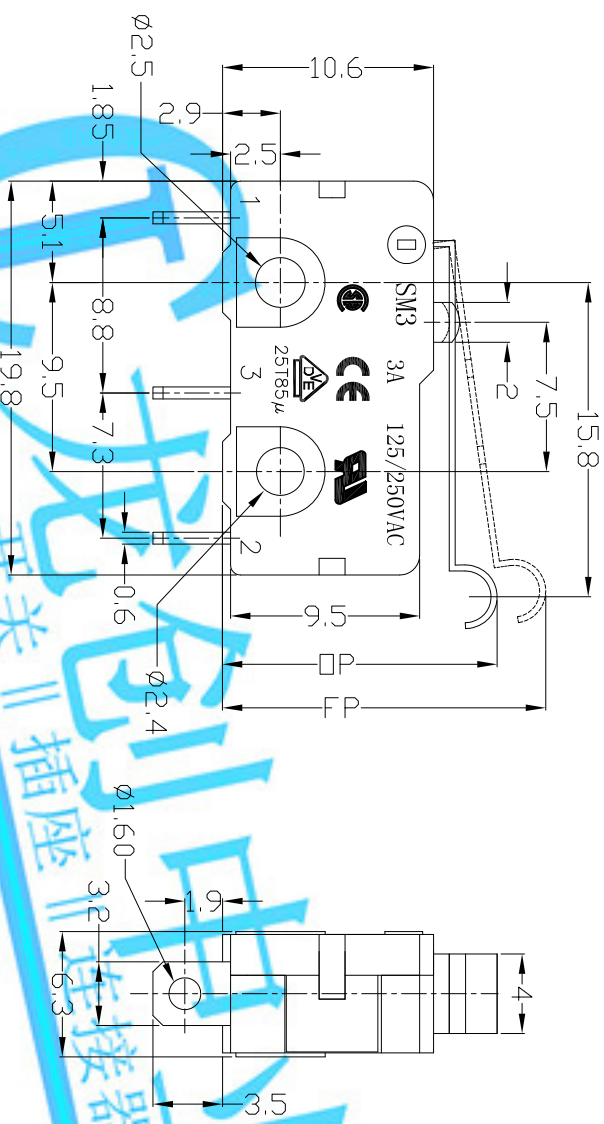


DIMENSIONS



1.Functional spec

|                        |                                        |
|------------------------|----------------------------------------|
| 1.1 Rated Voltage(AC)  | 125/250VAC                             |
| 1.2 Rated Current(AC)  | 3A                                     |
| 1.3 Contact Resistance | $\leq 100m\Omega$ (Initial value)      |
| 1.4 Operating Force    | $28\pm 12gf$ $40\pm 20gf$ $60\pm 25gf$ |
| 1.5 Bounce Time        |                                        |
| 1.6 Free Position      | $16.7\pm 0.8mm$                        |
| 1.7 Operating Position | $14.5\pm 1.0mm$                        |
| 1.8 Position Travel    |                                        |
| 1.9 Return Force       |                                        |

2.Reliable Rating

|                           |                                  |
|---------------------------|----------------------------------|
| 2.1 Mechanical Life       | 1,000,000 CYCLES                 |
| 2.2 Electrical Life       | 10,000 CYCLES                    |
| 2.3 Insulation Resistance | $\geq 100M\Omega$ DC500V         |
| 2.4 Withstand Voltage     | AC1000V 1 minute                 |
| 2.5 Soldering Technic     | Hand Soldering                   |
| 2.6 Operating Temper      | $-25^{\circ}C \sim +85^{\circ}C$ |
| 2.7 Ambient Humidity Used | $<85\%RH$                        |

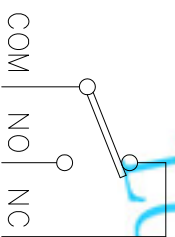
MODEL CODE

SM 3-00 X-XX S-C31

1 2 3 4 5 6 7

- 1.Series : SM
- 2.Current Rating : 3=3A 125/250VAC
- 3.Actuator : 00=Non-lever 01-99=Lever
- 4.Termination : see chart (N/P/C/D)
- (2=SPST-NO / 3=SPST-NC)
- 5.Operating Force : see chart
- 6.Spring Material:S=SUS304
- 7.Contact type: C31=3Amps Contact

CIRCUIT DIAGRAM



| Tolerance:±0.2                                                                                                                                                                               | UNITS  | mm                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------------------------|
|                                                                                                                                                                                              | MAT'L  | SEE NOTE                      |
|                                                                                                                                                                                              | FINISH | SEE NOTE                      |
|                                                                                                                                                                                              | Q'TY   | CHK'D: <i>Rocky</i> 2017/4/11 |
|                                                                                                                                                                                              | APPD:  | 11                            |
| LONGCHUANG ZHONGYE (HK)CO.,LIMITED                                                                                                                                                           |        |                               |
| TITLE: MICRO SWITCH SM3 SERIES                                                                                                                                                               |        | PART NO.: SM3-04N-XXS-C31     |
| DR: <i>Rocky</i> 2017/4/11                                                                                                                                                                   |        | DWG NO.: ATD-04X-XXS-C31      |
| CHK'D: <i>Rocky</i> 2017/4/11                                                                                                                                                                |        | SCALE SHEET REV.              |
| APPD:                                                                                                                                                                                        |        | 1/2 A                         |
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