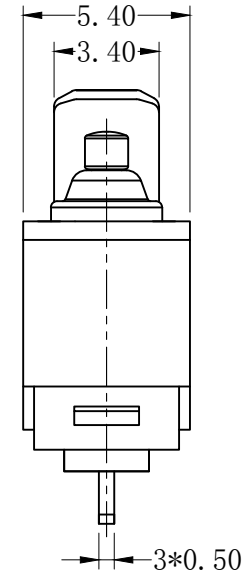
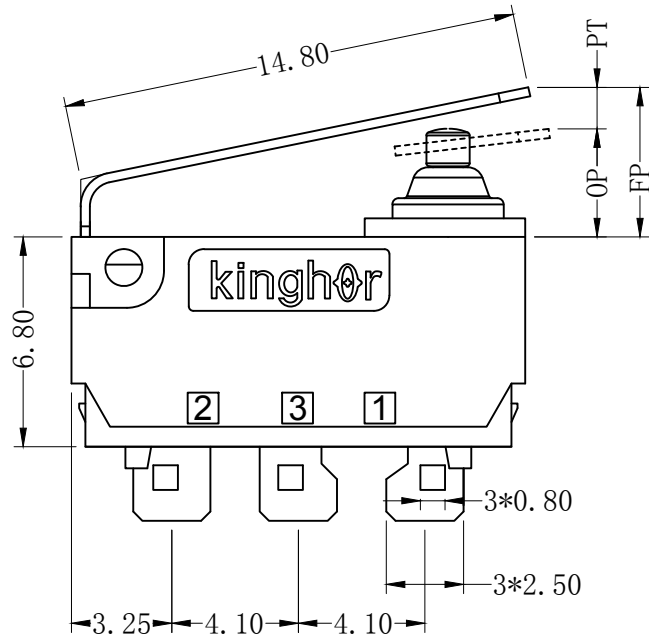
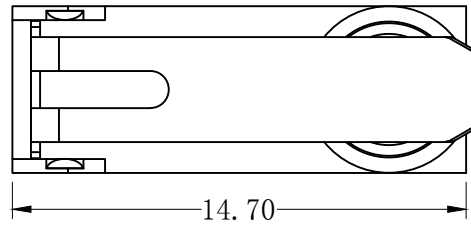
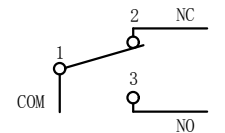


| REV | MARK | DESCRIPTION | DRAFTED. BY | DATE |
|-----|------|-------------|-------------|------|
| | | | | |
| | | | | |
| | | | | |



Circuit Diagram



| CHARACTERISTICS | |
|-----------------------|---------------|
| OPERATING FORCE (OF): | 195gf Max. |
| RELEASE FORCE (RF): | 25gf Min. |
| OPERATING POSITION: | 3.7 ± 0.6 mm. |
| PRE TRAVEL: | 3.5mm Max. |
| DIFFERENTIAL TRAVEL: | 0.6mm Max. |
| FREE POSITION: | 6.8mm Max. |

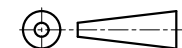
| ELECTRICAL DATA | |
|-----------------------|-----------------------|
| RATING | OPERATING LIFE |
| 3A 12VDC | 100,000 CYCLES |
| 0.1A 48VDC 125/250VAC | 100,000 CYCLES |

| | |
|------------------------|-----------------------|
| MECHANICAL LIFE | 500,000 CYCLES |
| GAP TYPE | MICRO |
| OPERATING TEMP | -40°C ~ +85°C |
| WATERPROOF | IP67 |

| OUTLINE DRAWING | | | |
|--------------------|-------------------------------|-------------|-----------|
| TITLE | H3 SERIES MICRO SWITCH | | |
| MODEL | H3-A1 | | |
| PART NO. | H3-A1-1D02S | | |
| DRAFTED BY | Bing Wang | DATE | 2020-6-15 |
| CHECKED BY | Hua Bai | DATE | 2020-6-15 |
| APPROVED BY | Hong Chen | DATE | 2020-6-15 |

TOLERANCE UNLESS OTHERWISE SPECIFIED

| ≤3 | 1~3 | 3~10 | 10~30 | 30~100 | 100~200 | ANGLE |
|------|------|------|-------|--------|---------|-------|
| ±0.2 | ±0.3 | ±0.4 | ±0.6 | ±1.0 | ±1.5 | ±3.0° |



| SCALE | |
|-------------|----|
| UNIT | mm |
| VERSION REV | A1 |

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