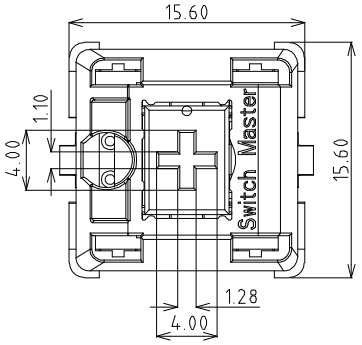
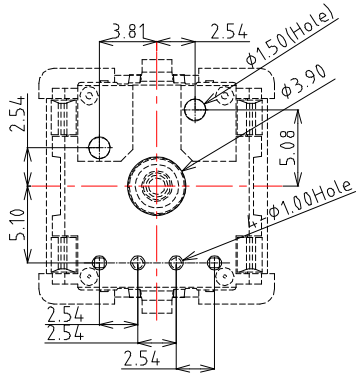
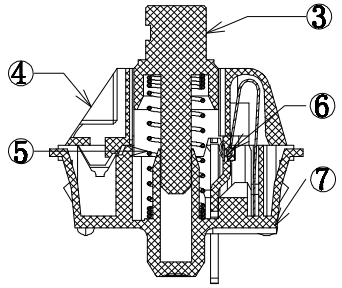
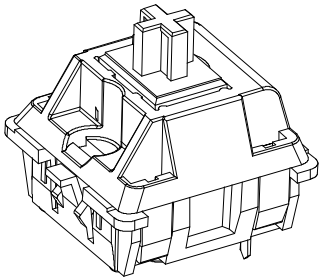
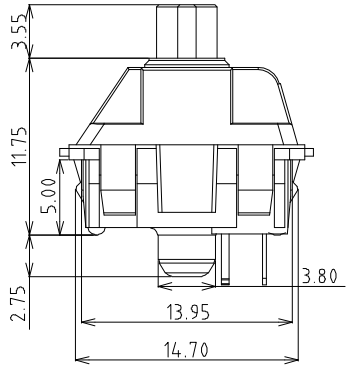


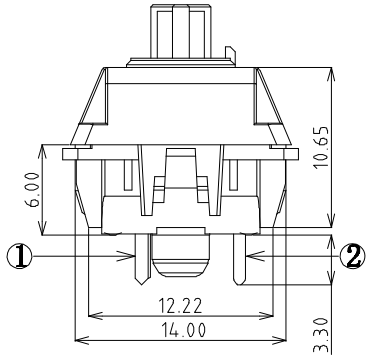



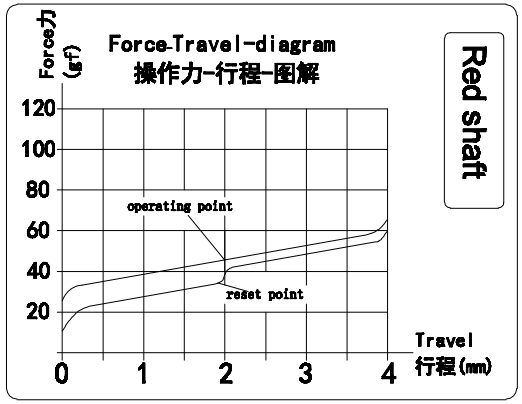

PCB Layout(Pattern Side)



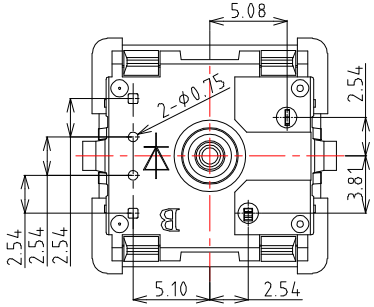


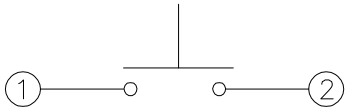




Specification :

1. Rating :12 VAC/DC max. 2 VDC min.
   10mA AC/DC max. 10μA DC min.
2. Contact Resistance : 200mΩ Max
3. Insulation Resistance :100MΩ Min
   (DC100V)
4. Withstand Voltage :AC500V(50-60Hz)
   for 1 minute
5. Bounce Time:≤5msec (at 16 in/sec.
   actuation speed)
6. Operation Force :45±15gf
7. End Force :60±15gf
8. Pretravel:2.0±0.4mm
9. Total travel:4.0 -0.3mm
10. Operating Life :50,000,000 Cycles(min)




Circuit Diagran

| ITEM | PART NAME | TER'NO. | QTY. | MATERIAL | FINISHING | REMARK |
|---|---|---|---|---|---|---|
| ⑦ | Base | ——— | 1 | Nylon | Black | ——— |
| ⑥ | contact | ——— | 2 | Silver alloy | Brushing Gold | ——— |
| ⑤ | Spring | ——— | 1 | Stainless Steel | ——— | ——— |
| ④ | Cover | ——— | 1 | Nylon | Black | ——— |
| ③ | Keystroke | ——— | 1 | POM | Red(186C) | ——— |
| ② | Terminal | ——— | 1 | Brass | Plating Nickel | ——— |
| ① | Reed | ——— | 1 | Copper Alloy | ——— | ——— |

| ITEM NO. | DESCRIPTION | DRAWN | DATE |
|---|---|---|---|
| | | | |

CONTACT 建倚科技股份有限公司
CONTACT TECHNOLOGY CORP.

TOLERANCE UNLESS OTHERWISE STATED : Up to 5 ±0.2; Above 5 ~ 15 ±0.3; Above 15 ~ 30 ±0.4; Above 30 ~ 50 ±0.5; Angle ±0.3°

3RD. ANGEL'S | UNITS MM

| | | | |
|---|---|---|---|
| DRAWN BY: Jack Lu | DATE 12/16/15 | MAT'L | |
| CHECKED BY: Jacky Chen | DATE 12/16/15 | FINISH | |
| APPROVED BY: Tony Kao | DATE 12/16/15 | SCALE 1 : 1 | SHEET NO. 1 of 1 |

| | |
|---|---|
| TITLE | SWITCH |
| MODLE | Keyboard Switch / Red Shaft |
| DWG NO. | KS-01R-45-S105 |
| PART NO. | KS-01R-45-S105 |
| SIZE | A4 |
| VER | R |