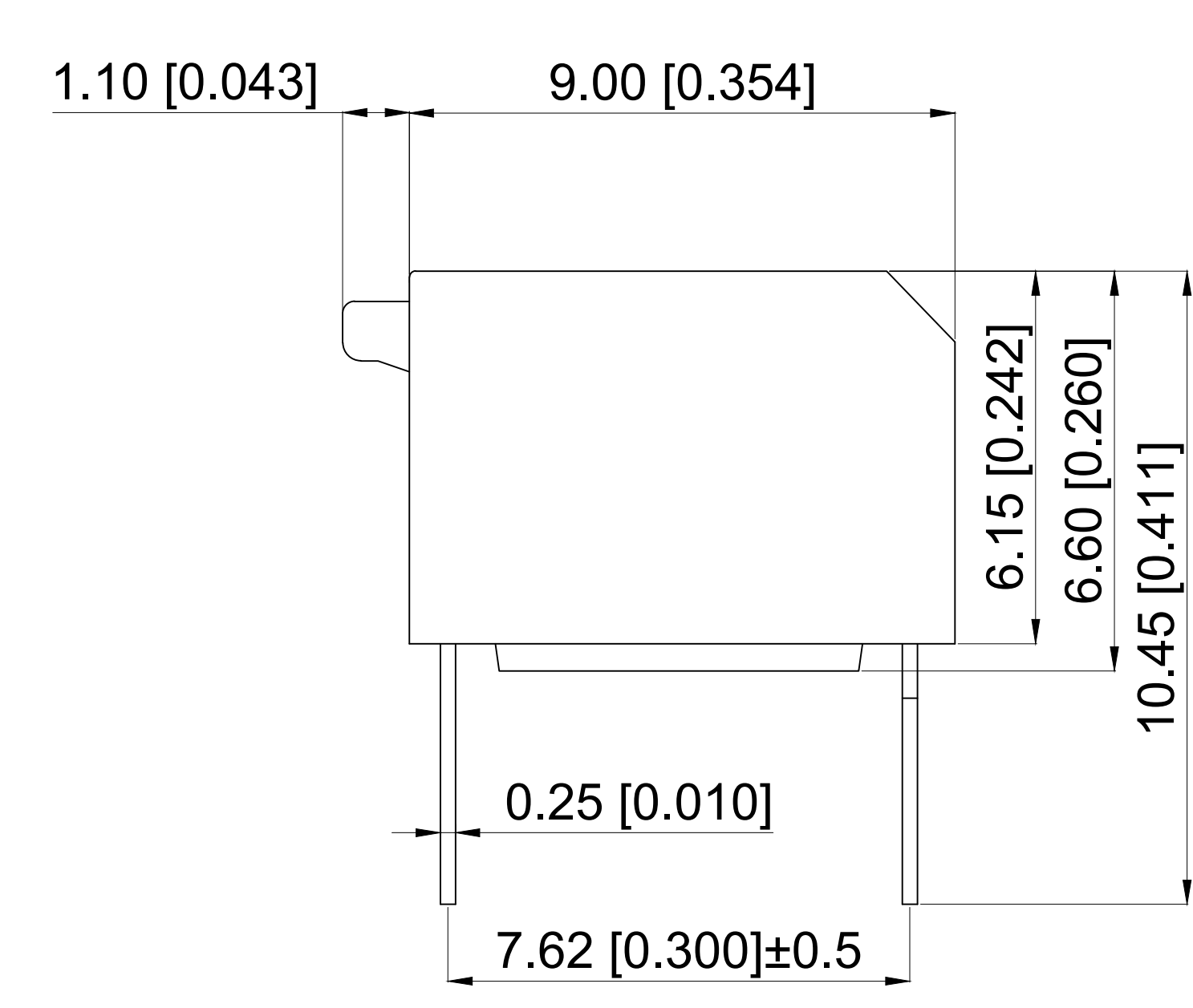
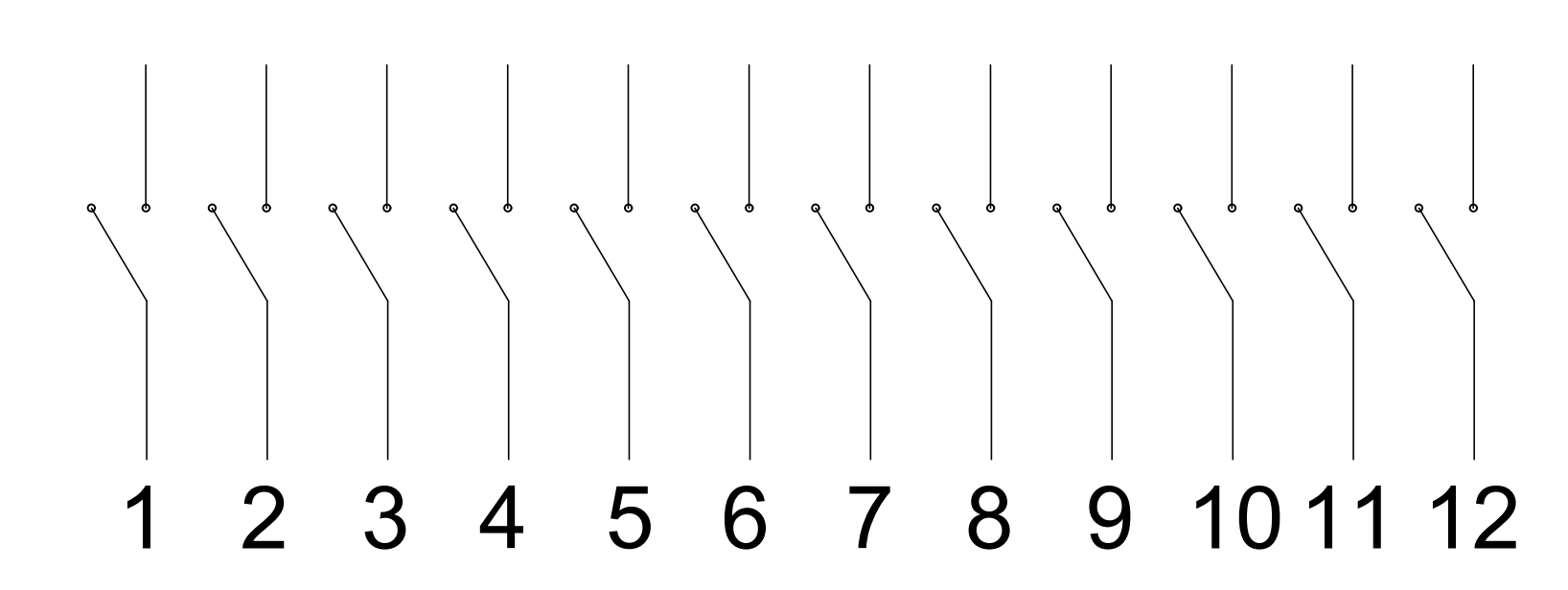


Switching: 25mA at 24VDC  
 Non-Switching: 100mA at 50VDC  
 Initial: 50mΩ Max  
 After life: 100mΩ Max  
 Insulation Resistance: 100mΩ Min, 60 sec at 500VDC  
 Dielectric Strength: 500VAC for 60seconds  
 Switch Capacitance: 5pF Max at 1MHZ  
 Operation Temperature: -30°C to + 85°C  
 Storage Temperature: -40°C to + 85°C  
 Operation Force: 500gf Max  
 Mechanical Life: 3000 cycles operations  
 Resistance to Soldering: 260±5°C for 3-5 seconds



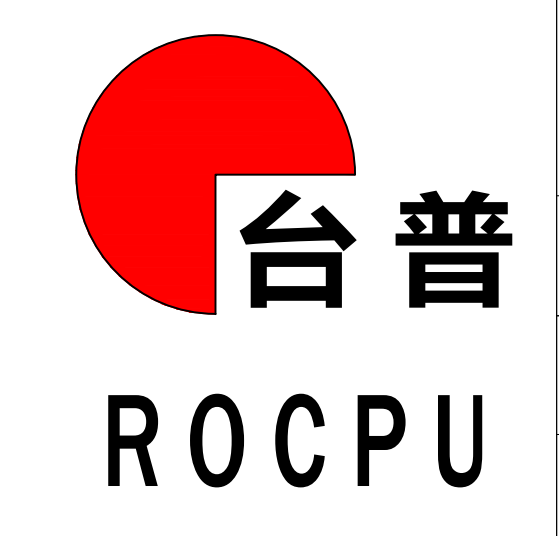
| Poles(N) | A Dimension(mm) |
|----------|-----------------|
| 02       | 6.48            |
| 03       | 9.02            |
| 04       | 11.56           |
| 05       | 14.10           |
| 06       | 16.64           |
| 07       | 19.18           |
| 08       | 21.72           |
| 09       | 24.26           |
| 10       | 26.80           |
| 12       | 31.88           |



**SCHEMATIC**

| Part Name        | Material      | Finished |
|------------------|---------------|----------|
| Piano Pad        | Nylon UL94 VO | White    |
| Piano Cover      | PPS UL94 VO   | Black    |
| Base             | PPS UL94 VO   | Black    |
| Cover            | PPS UL94 VO   | Black    |
| Actuator         | Nylon UL94 VO | White    |
| Movadle          | Copper Alloy  | Gold     |
| Terminal Contact | Brass         | Gold     |
| Terminal         | Brass         | Gold/Tin |

| REV | DATE | REVISION | DESCRIPTION | ISSUE |
|-----|------|----------|-------------|-------|
| A4  |      |          | Terminat    |       |
| A3  |      |          |             |       |
| A2  |      |          |             |       |
| A1  |      |          |             |       |



| COMMON  | TOLERANCE |
|---------|-----------|
| X.XX    | ± 0.10    |
| X.X     | ± 0.15    |
| X       | ± 0.25    |
| ANGULAR | —         |

| UNIT     | MM     | PROJECTED            | PRODUCT NAME: |
|----------|--------|----------------------|---------------|
| DRAWN BY | FUYUAN | CHECKED BY           | COCO          |
| DATE     | 2019   | APPROVAL B           | ALEN          |
|          |        | MODEL NO: TPH105EZ   |               |
|          |        | Https: www.rocpcu.tw |               |

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