

Switching:25mA at 24VDC
 Non-Switching:100mA at 50VDC
 Initial:50m Ω Max
 After life:100mΩ Max
 Insulation Resistance:100mΩ Min,60 sec at 500VDC
 Dielectyic Strength:300VAC for 60seconds
 Swith Capacitance:5pF Max at 1MHZ
 Operation Temperature:-30℃to + 85℃
 Storage Temperature:-40℃to + 85℃
 Operation Force:500gf Max
 Mechanical Life:3000 cycles optertions
 Resistance to Soldering:260±5℃ for 3-5 seconds

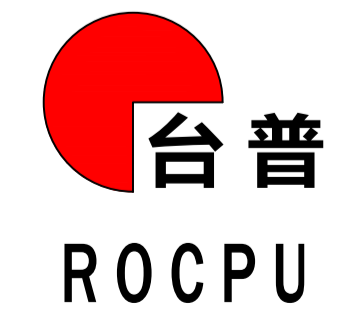
| Poles(N) | A Dimension(mm) |
|----------|-----------------|
| 01 | 2.98 |
| 02 | 4.12 |
| 04 | 6.66 |
| 06 | 9.20 |
| 08 | 11.74 |
| 10 | 14.28 |

| Part Name | Material | Finished |
|------------------|---------------|----------|
| Base | PPS UL94 V0 | Black |
| Cover | PPS UL94 V0 | Black |
| Actuator | Nylon UL94 V0 | White |
| Movadle | Beryllium | 3U"Gold |
| Terminal Contact | Brass | 3U"Gold |
| Terminal | Brass | 3U"Gold |
| Tapa | Polyimide | Amber |

SCHEMATIC

PCB LAYOUT

| | | | | |
|-----|------|----------|-------------|-------|
| A4 | | | | |
| A3 | | | | |
| A2 | | | | |
| A1 | | | | |
| REV | DATE | REVISION | DESCRIPTION | ISSUE |
| | | A | | B |



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

| UNIT | MM | PROJECTED | PRODUCT NAME: |
|----------------------------------|--------|------------|----------------------|
| DRAWN BY | FUYUAN | CHECKED BY | MODEL NO: THS105J |
| DATE | 2019 | APPROVAL B | Https: www.rocpcu.tw |
| ROCPCU TECHNOLOGY CO.,LTD | | | |

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