



# 小型钮子开关 Miniature Toggle Switch MTS Series



## 型号说明 Ordering Information

MTS-102-A1



## 技术特性 Specification

- 1.规格 Rating:6A 125VAC;3A 250VAC
  - 2.接触电阻 Contact Resistance:20mΩ max
  - 3.绝缘电阻 Insulation Resistance:500VDC 1000MΩ min
  - 4.耐电压 Dielectric Strength:1500VAC ,1Minute
  - 5.操作温度 Operating Temperature:-25°C ~ +85°C
  - 6.电气寿命 Electrical Life:10,000 Cycles
- 基座颜色 Base color

## 电路特性 Circuitry trait

| 型号<br>Model No | 电路特性 Circuitry trait |     |      | 类型<br>Type | 端子数<br>Terminals |
|----------------|----------------------|-----|------|------------|------------------|
|                |                      |     |      |            |                  |
| MTS-101        | ON                   | —   | OFF  | SPST       | 2P               |
| MTS-102        | ON                   | —   | ON   | SPDT       | 3P               |
| MTS-112        | ON                   | —   | (ON) | SPDT       | 3P               |
| MTS-103        | ON                   | OFF | ON   | SPDT       | 3P               |
| MTS-113        | ON                   | OFF | (ON) | SPDT       | 3P               |
| MTS-123        | (ON)                 | OFF | (ON) | SPDT       | 3P               |

| 型号<br>Model No | 电路特性 Circuitry trait |     |      | 类型<br>Type | 端子数<br>Terminals |
|----------------|----------------------|-----|------|------------|------------------|
|                |                      |     |      |            |                  |
| MTS-201        | ON                   | —   | OFF  | DPST       | 4P               |
| MTS-202        | ON                   | —   | ON   | DPDT       | 6P               |
| MTS-212        | ON                   | —   | (ON) | DPDT       | 6P               |
| MTS-203        | ON                   | OFF | ON   | DPDT       | 6P               |
| MTS-213        | ON                   | OFF | (ON) | DPDT       | 6P               |
| MTS-223        | (ON)                 | OFF | (ON) | DPDT       | 6P               |

( )回弹指示 Indicates Momentary

## 手柄种类 Handle options

| 标准<br>Standard (A) | 长型<br>Long (B) | 短型<br>Short (C) | 带柄套<br>With handle cap (D) | 大型<br>Grand (G) | 特大型<br>Large handle (L) | 塑料扁柄<br>Plastic Flat (E) | 金属扁柄<br>Metal Flat (F) | 长金属扁柄<br>Long Metal Flat (FL) |
|--------------------|----------------|-----------------|----------------------------|-----------------|-------------------------|--------------------------|------------------------|-------------------------------|
|                    |                |                 |                            |                 |                         |                          |                        |                               |
|                    |                |                 |                            | 1/4-40NS        | M12X0.75                | 1/4-40NS                 |                        |                               |

## 端子种类 Terminal options

| Solder terminal (1) | PC terminal (2) | PC-H terminal (3) | PC-V terminal (4) | Long Solder terminal (5) | 铭牌 Nameplate  |     |    |   |     |     |    |   |    |     |    |     |    |
|---------------------|-----------------|-------------------|-------------------|--------------------------|---|-----|----|---|-----|-----|----|---|----|-----|----|-----|----|
|                     |                 |                   |                   |                          |   |     |    |   |     |     |    |   |    |     |    |     |    |
|                     |                 |                   |                   |                          | <table border="1"> <tr> <td>(1)</td> <td>ON</td> <td>—</td> <td>OFF</td> </tr> <tr> <td>(2)</td> <td>ON</td> <td>—</td> <td>ON</td> </tr> <tr> <td>(3)</td> <td>ON</td> <td>OFF</td> <td>ON</td> </tr> </table> | (1) | ON | — | OFF | (2) | ON | — | ON | (3) | ON | OFF | ON |
| (1)                 | ON              | —                 | OFF               |                          |   |     |    |   |     |     |    |   |    |     |    |     |    |
| (2)                 | ON              | —                 | ON                |                          |   |     |    |   |     |     |    |   |    |     |    |     |    |
| (3)                 | ON              | OFF               | ON                |                          |   |     |    |   |     |     |    |   |    |     |    |     |    |

| 材料<br>Material | 基座颜色 Base color |         |
|----------------|-----------------|---------|
| 塑料 PBT         | 蓝 Blue          |         |
| 电木 Bakelite    | 红 Red           | 黑 Black |


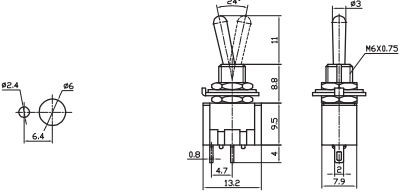

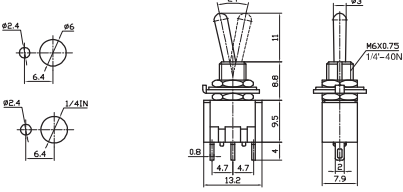

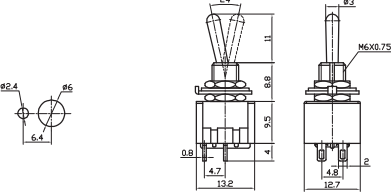

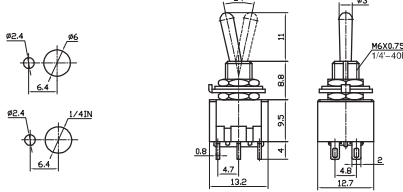

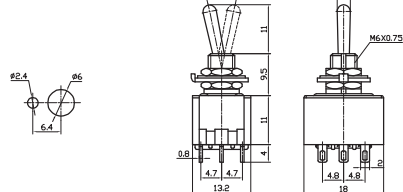

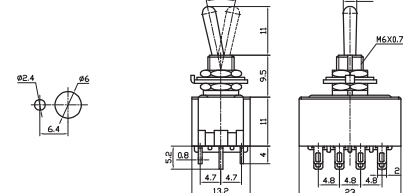

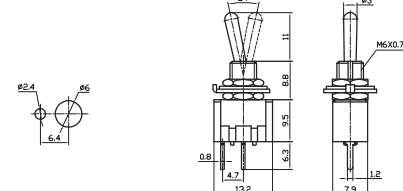
## 防水帽 Water proof cap

| WPC-04 | WPC-05 |
|--------|--------|
|        |        |
|        |        |

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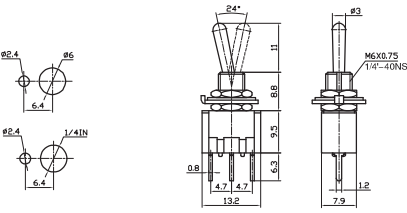

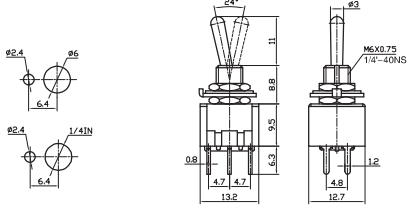

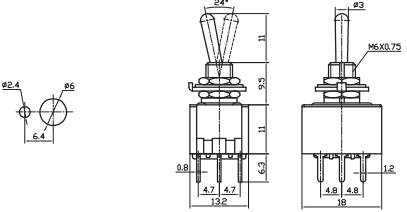

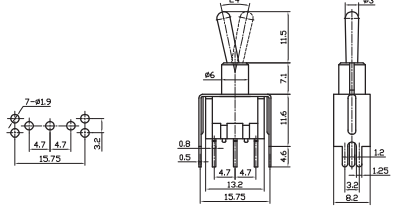

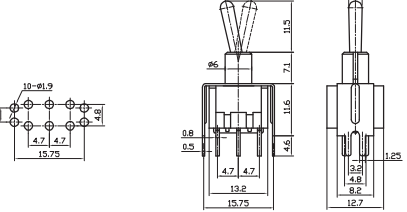

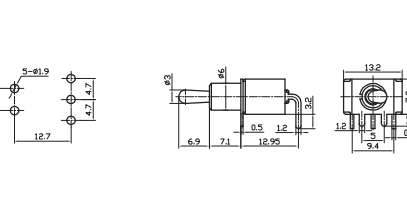
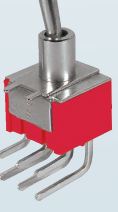
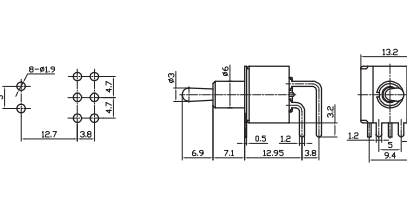


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|   |  |   |
|---|--|---|
|    | <p><b>MTS-101</b> ON-OFF<br/>SPST 2P</p>   |    |
|    | <p><b>MTS-102</b> ON-ON<br/><b>MTS-103</b> ON-OFF-ON<br/>Metric thread:M6×0.75<br/><b>MTS-112</b> ON-(ON)<br/><b>MTS-113</b> ON-OFF-(ON)<br/><b>MTS-123</b> (ON)-OFF-(ON)<br/>Inch thread:1/4'-40NS<br/>SPDT 3P</p>                              |    |
|   | <p><b>MTS-201</b> ON-OFF<br/>DPST 4P</p>   |   |
|  | <p><b>MTS-202</b> ON-ON<br/><b>MTS-203</b> ON-OFF-ON<br/><b>MTS-2033</b> ON-ON-ON<br/>Metric thread:M6×0.75<br/><b>MTS-212</b> ON-(ON)<br/><b>MTS-213</b> ON-OFF-(ON)<br/><b>MTS-223</b> (ON)-OFF-(ON)<br/>Inch thread:1/4'-40NS<br/>DPDT 6P</p> |  |
|  | <p><b>MTS-302</b> ON-ON<br/><b>MTS-303</b> ON-OFF-ON<br/>3PDT 9P</p>   |  |
|  | <p><b>MTS-402</b> ON-ON<br/><b>MTS-403</b> ON-OFF-ON<br/>4PDT 12P</p>  |  |
|  | <p><b>MTS-101-A2</b> ON-OFF<br/>SPST 2P</p>  |  |




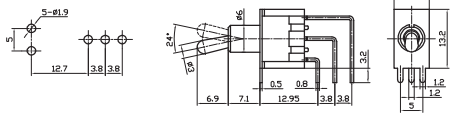

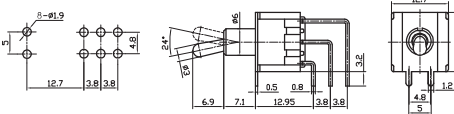

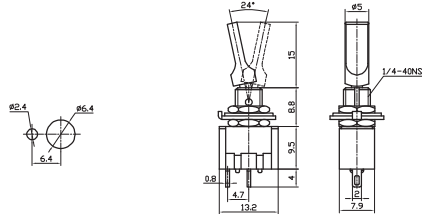

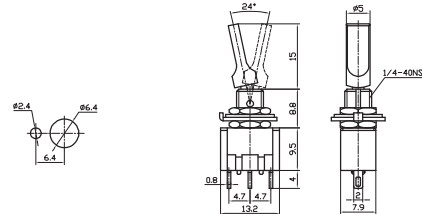

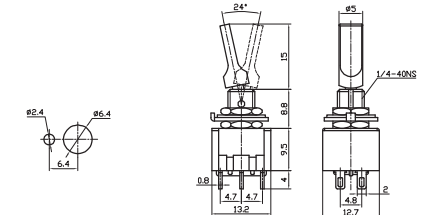

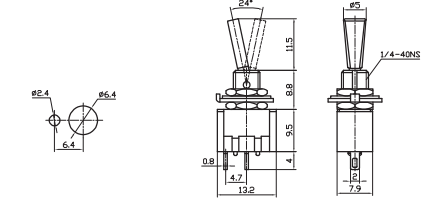

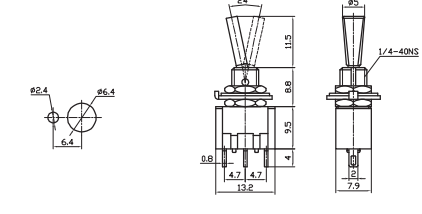
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|   |   |  |
|---|---|--|
|    | <p> <b>MTS-102-A2</b> ON-ON<br/> <b>MTS-103-A2</b> ON-OFF-ON<br/>           Metric thread:M6×0.75<br/> <b>MTS-112-A2</b> ON-(ON)<br/> <b>MTS-113-A2</b> ON-OFF-(ON)<br/> <b>MTS-123-A2</b> (ON)-OFF-(ON)<br/>           Inch thread:1/4'-40NS<br/>           SPDT 3P         </p> |    |
|    | <p> <b>MTS-202-A2</b> ON-ON<br/> <b>MTS-203-A2</b> ON-OFF-ON<br/>           Metric thread:M6×0.75<br/> <b>MTS-212-A2</b> ON-(ON)<br/> <b>MTS-213-A2</b> ON-OFF-(ON)<br/> <b>MTS-223-A2</b> (ON)-OFF-(ON)<br/>           Inch thread:1/4'-40NS<br/>           DPDT 6P         </p> |    |
|    | <p> <b>MTS-302-A2</b> ON-ON<br/> <b>MTS-303-A2</b> ON-OFF-ON<br/>           3PDT 9P         </p>  |    |
|  | <p> <b>MTS-102-A2T</b> ON-ON<br/> <b>MTS-112-A2T</b> ON-(ON)<br/> <b>MTS-103-A2T</b> ON-OFF-ON<br/> <b>MTS-113-A2T</b> ON-OFF-(ON)<br/> <b>MTS-123-A2T</b> (ON)-OFF-(ON)<br/>           SPDT 3P         </p>  |  |
|  | <p> <b>MTS-202-A2T</b> ON-ON<br/> <b>MTS-212-A2T</b> ON-(ON)<br/> <b>MTS-203-A2T</b> ON-OFF-ON<br/> <b>MTS-213-A2T</b> ON-OFF-(ON)<br/> <b>MTS-223-A2T</b> (ON)-OFF-(ON)<br/>           DPDT 6P         </p>  |  |
|  | <p> <b>MTS-102-C3</b> ON-ON<br/> <b>MTS-112-C3</b> ON-(ON)<br/> <b>MTS-103-C3</b> ON-OFF-ON<br/> <b>MTS-113-C3</b> ON-OFF-(ON)<br/> <b>MTS-123-C3</b> (ON)-OFF-(ON)<br/>           SPDT 3P         </p>   |  |
|  | <p> <b>MTS-202-C3</b> ON-ON<br/> <b>MTS-212-C3</b> ON-(ON)<br/> <b>MTS-203-C3</b> ON-OFF-ON<br/> <b>MTS-213-C3</b> ON-OFF-(ON)<br/> <b>MTS-223-C3</b> (ON)-OFF-(ON)<br/>           DPDT 6P         </p>   |  |

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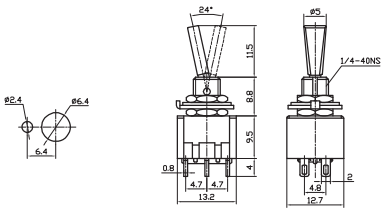

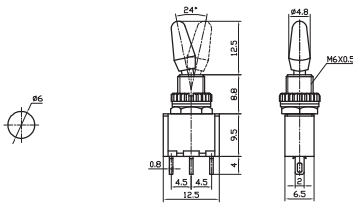

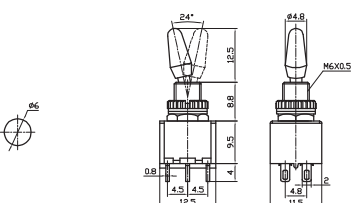

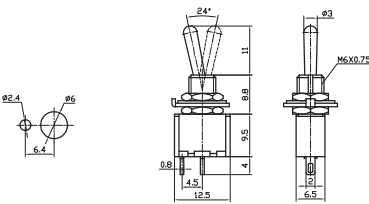

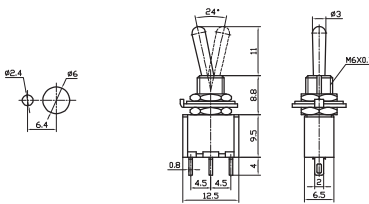

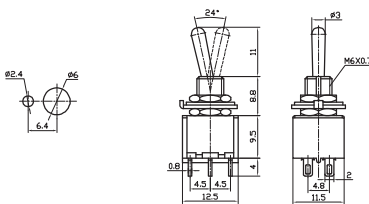

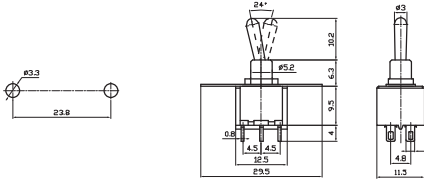


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|   |   |   |
|---|---|---|
|    | <p> <b>MTS-102-C4</b> ON-ON<br/> <b>MTS-112-C4</b> ON-(ON)<br/> <b>MTS-103-C4</b> ON-OFF-ON<br/> <b>MTS-113-C4</b> ON-OFF-(ON)<br/> <b>MTS-123-C4</b> (ON)-OFF-(ON)<br/>           SPDT 3P         </p>                                     |     |
|    | <p> <b>MTS-202-C4</b> ON-ON<br/> <b>MTS-212-C4</b> ON-(ON)<br/> <b>MTS-203-C4</b> ON-OFF-ON<br/> <b>MTS-213-C4</b> ON-OFF-(ON)<br/> <b>MTS-223-C4</b> (ON)-OFF-(ON)<br/>           DPDT 6P         </p>                                     |     |
|   | <p> <b>MTS-101-E1</b> ON-OFF<br/>           SPST 2P<br/>           (PLASTIC FLAT LEVER)         </p>  |   |
|  | <p> <b>MTS-102-E1</b> ON-ON<br/> <b>MTS-112-E1</b> ON-(ON)<br/> <b>MTS-103-E1</b> ON-OFF-ON<br/> <b>MTS-113-E1</b> ON-OFF-(ON)<br/> <b>MTS-123-E1</b> (ON)-OFF-(ON)<br/>           SPDT 3P<br/>           (PLASTIC FLAT LEVER)         </p> |  |
|  | <p> <b>MTS-202-E1</b> ON-ON<br/> <b>MTS-212-E1</b> ON-(ON)<br/> <b>MTS-203-E1</b> ON-OFF-ON<br/> <b>MTS-213-E1</b> ON-OFF-(ON)<br/> <b>MTS-223-E1</b> (ON)-OFF-(ON)<br/>           DPDT 6P<br/>           (PLASTIC FLAT LEVER)         </p> |  |
|  | <p> <b>MTS-101-F1</b> ON-OFF<br/>           SPST 2P<br/>           (METAL FLAT LEVER)         </p>  |  |
|  | <p> <b>MTS-102-F1</b> ON-ON<br/> <b>MTS-112-F1</b> ON-(ON)<br/> <b>MTS-103-F1</b> ON-OFF-ON<br/> <b>MTS-113-F1</b> ON-OFF-(ON)<br/> <b>MTS-123-F1</b> (ON)-OFF-(ON)<br/>           SPDT 3P<br/>           (METAL FLAT LEVER)         </p>   |  |



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|   |   |  |
|---|---|--|
|    | <p> <b>MTS-202-F1</b> ON-ON<br/> <b>MTS-212-F1</b> ON-(ON)<br/> <b>MTS-203-F1</b> ON-OFF-ON<br/> <b>MTS-213-F1</b> ON-OFF-(ON)<br/> <b>MTS-223-F1</b> (ON)-OFF-(ON)<br/>           DPDT 6P<br/>           (METAL FLAT LEVER)         </p> |    |
|    | <p> <b>KNX-1-D1</b> ON-ON<br/> <b>KNX-103-D1</b> ON-OFF-ON<br/>           SPDT 3P         </p>  |    |
|   | <p> <b>KNX-2-D1</b> ON-ON<br/> <b>KNX-203-D1</b> ON-OFF-ON<br/>           DPDT 3P         </p>  |    |
|  | <p> <b>STM-101</b> ON-OFF<br/>           SPST 2P         </p>   |  |
|  | <p> <b>STM-102</b> ON-ON<br/> <b>STM-103</b> ON-OFF-ON<br/>           SPDT 3P         </p>  |  |
|  | <p> <b>STM-202</b> ON-ON<br/> <b>STM-203</b> ON-OFF-ON<br/>           DPDT 6P         </p>  |  |
|  | <p> <b>STM-2033</b> ON-ON-ON<br/>           DPDT 6P         </p>  |  |


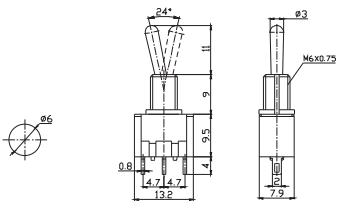

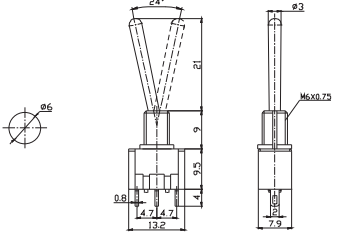

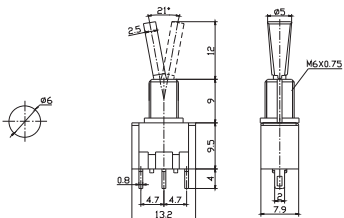

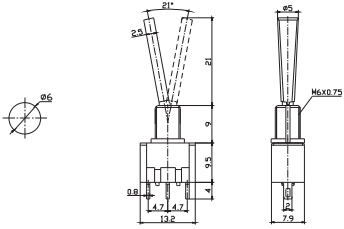

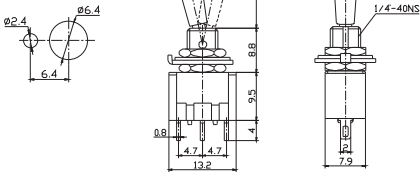

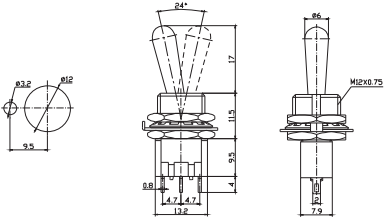

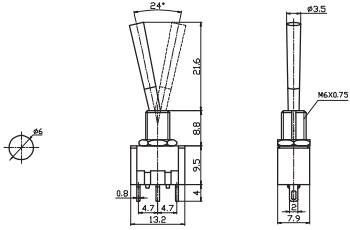
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|   |  |  |
|---|--|--|
|    | <p>MTS-102-A1-2 ON-ON<br/>           MTS-112-A1-2 (ON)-ON<br/>           SPDT 3P</p>   |    |
|    | <p>MTS-102-A1-2L ON-ON<br/>           MTS-112-A1-2L (ON)-ON<br/>           SPDT 3P</p>   |    |
|   | <p>MTS-102-F1-2 ON-ON<br/>           MTS-112-F1-2 (ON)-ON<br/>           SPDT 3P</p>   |   |
|  | <p>MTS-102-F1-2L ON-ON<br/>           MTS-112-F1-2L (ON)-ON<br/>           SPDT 3P</p>   |  |
|  | <p>MTS-102-G1 ON-ON<br/>           MTS-112-G1 (ON)-ON<br/>           SPDT 3P</p>   |  |
|  | <p>MTS-102-L1 ON-ON<br/>           MTS-103-L1 ON-OFF-ON<br/>           SPDT 3P</p>   |  |
|  | <p>MTS-101-DL ON-OFF<br/>           SPST 2P<br/>           MTS-102-DL ON-ON<br/>           MTS-103-DL ON-OFF-ON<br/>           SPDT 3P</p> |  |