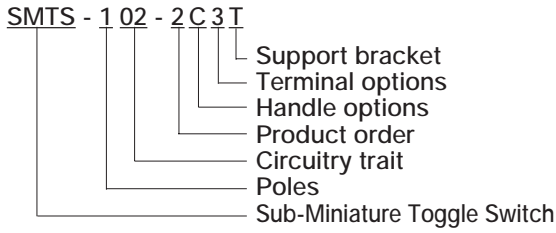


# SMTS Series Sub-Miniature Toggle Switches

## Ordering Information



## Specification

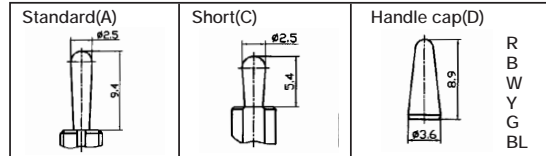
1. Rating : 3A 125VAC ; 1.5A 250VAC
2. Contact Resistance : 20m  $\Omega$  max
3. Insulation Resistance : 500VDC 1000M  $\Omega$  min
4. Dielectric Strength : 1000VAC, 1Minute
5. Operating Temperature : -25 °C ~ +85 °C
6. Electrical Life : 10,000 Cycles



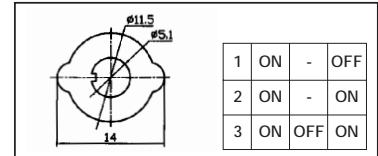
### Circuitry trait

01	ON	-	OFF
02	ON	-	ON
03	ON	OFF	ON

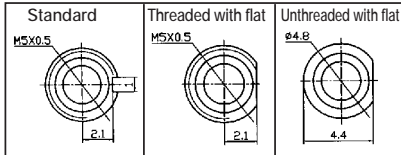
### Handle options



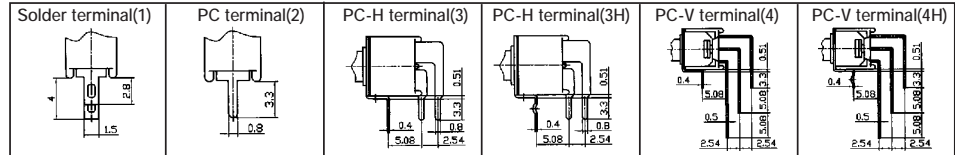
### Nameplate



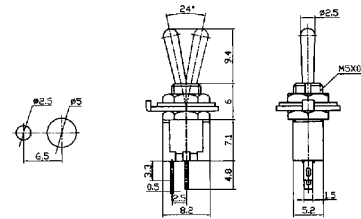
### Bushing options



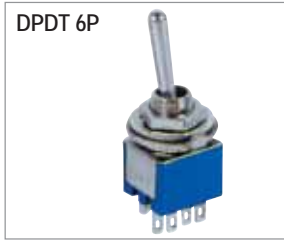
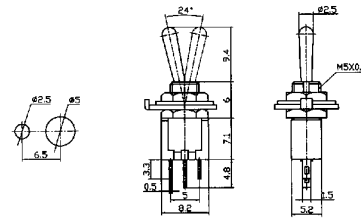
### Terminal options



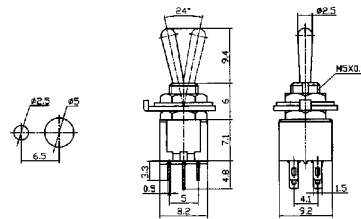
SMTS-101 ON-OFF



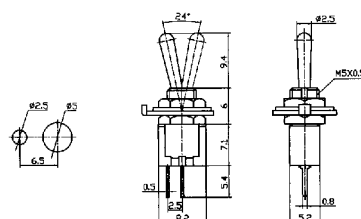
SMTS-102 ON-ON




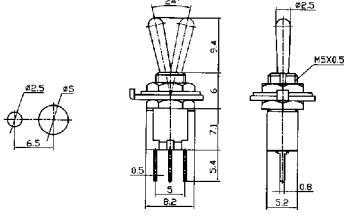

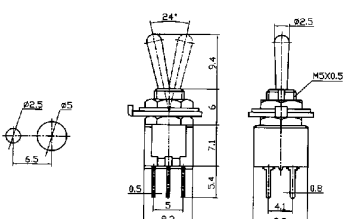

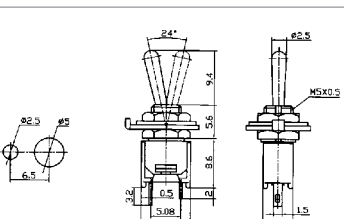

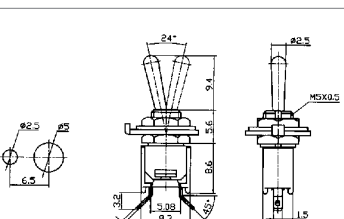

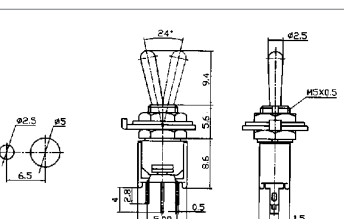

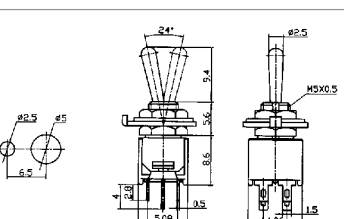

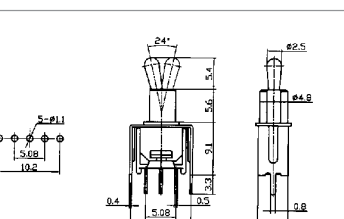
SMTS-202 ON-ON



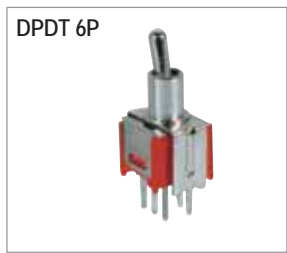
SMTS-101-A2 ON-OFF



# SMTS Series Sub-Miniature Toggle Switches

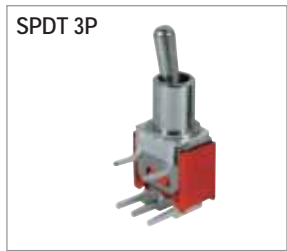
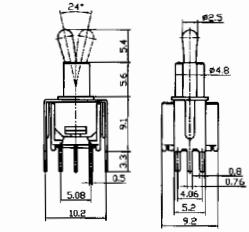
<p>SPDT 3P</p> 	<p><b>SMTS-102-A2</b> ON-ON</p>	
<p>DPDT 6P</p> 	<p><b>SMTS-202-A2</b> ON-ON</p>	
<p>SPST 2P</p> 	<p><b>SMTS-101-2A1</b> ON-OFF</p>	
<p>SPST 2P</p> 	<p><b>SMTS-101-2A5</b> ON-OFF</p>	
<p>SPDT 3P</p> 	<p><b>SMTS-102-2A1</b> ON-OFF <b>SMTS-103-2A1</b> ON-OFF-ON</p>	
<p>DPDT 6P</p> 	<p><b>SMTS-202-2A1</b> ON-ON <b>SMTS-203-2A1</b> ON-OFF-ON</p>	
<p>SPDT 3P</p> 	<p><b>SMTS-102-2C2T</b> ON-ON <b>SMTS-103-2C2T</b> ON-OFF-ON</p>	

# SMTS Series Sub-Miniature Toggle Switches



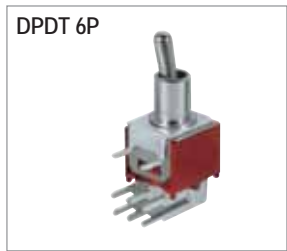
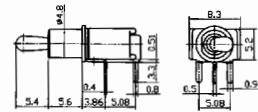
DPDT 6P

- SMTS-202-2C2T** ON-ON
- SMTS-203-2C2T** ON-OFF-ON



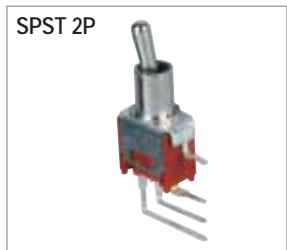
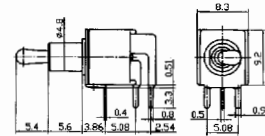
SPDT 3P

- SMTS-102-2C3** ON-ON
- SMTS-103-2C3** ON-OFF-ON



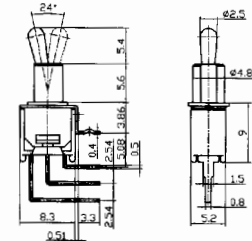
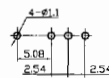
DPDT 6P

- SMTS-202-2C3** ON-ON
- SMTS-203-2C3** ON-OFF-ON



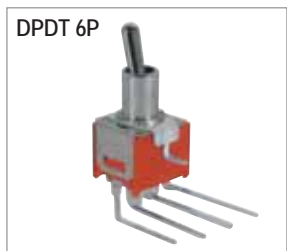
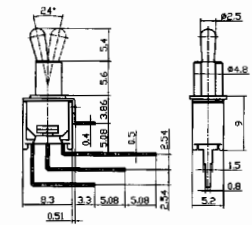
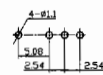
SPST 2P

- SMTS-101-2C4** ON-OFF



SPDT 3P

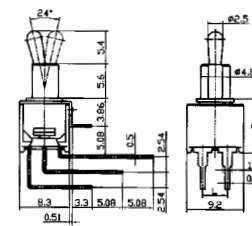
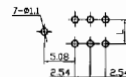
- SMTS-102-2C4** ON-ON
- SMTS-103-2C4** ON-OFF-ON



DPDT 6P

- SMTS-202-2C4** ON-ON
- SMTS-203-2C4** ON-OFF-ON

L=4.06;5.08

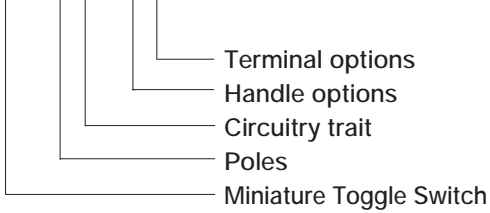


# MTS Series Miniature Toggle Switches



## Ordering Information

MTS - 1 02 - A 1



## Specification

1. Rating : 6A 125VAC ; 3A 250VAC
2. Contact Resistance : 20m $\Omega$  max
3. Insulation Resistance : 500VDC 1000M $\Omega$  min
4. Dielectric Strength : 1500VAC, 1Minute
5. Operating Temperature : -25 $^{\circ}$ C~+85 $^{\circ}$ C
6. Electrical Life : 10,000 Cycles

## Circuitry trait

Model No	Circuitry trait			Type	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

Model No	Circuitry trait			Type	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

( ) Indicates Momentary

## Handle options

Standard (A)	Long (B)	Short (C)	With handle cap (D)	Grand(G)	Large handle (L)	Plastic Flat (E)	Metal Flat (F)	Long Metal Flat (FL)
				1/4-40NS	M12 $\times$ 0.75	1/4-40NS		

## Terminal options

Solder terminal(1)	PC terminal(2)	PC-H terminal(3)	PC-V terminal(4)	Long Solder terminal(5)	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														


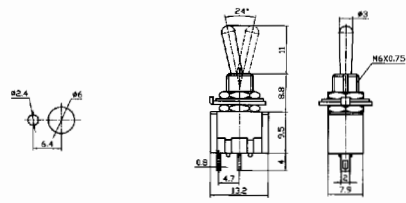

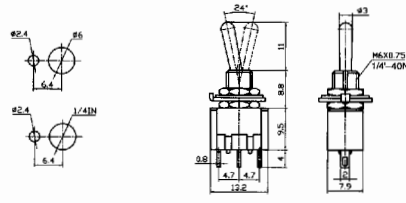

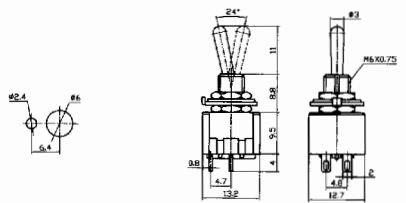

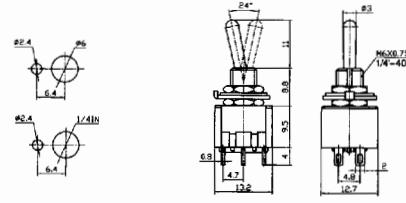

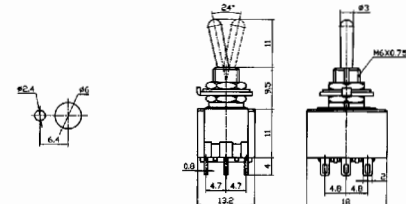

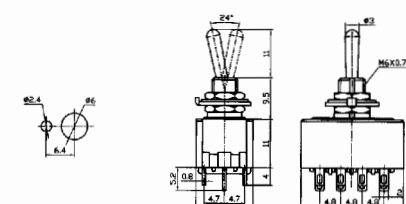

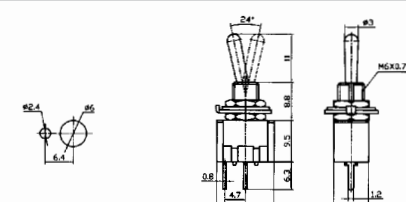
## Base color

Material	Base color		
	PBT	Blue	Black
Bakelite	Red	Black	


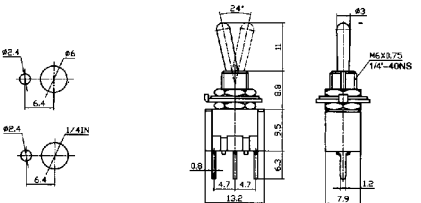

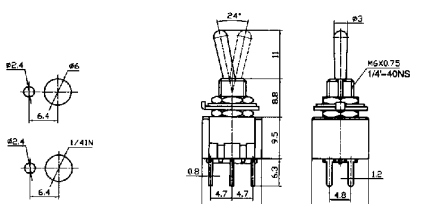

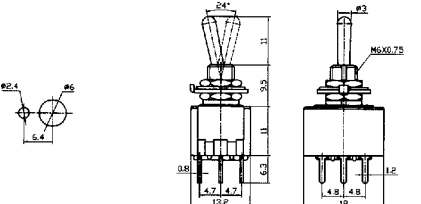

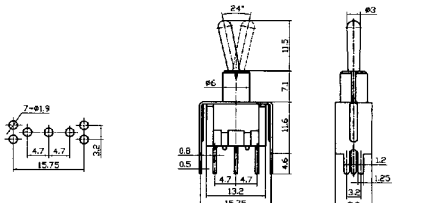

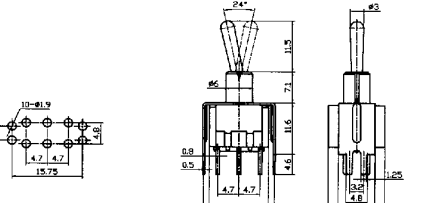

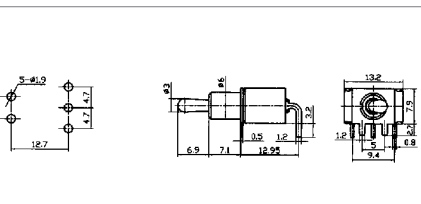

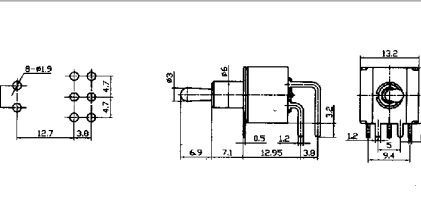
## Water proof cap

<p>WPC-04</p>	<p>WPC-05</p>
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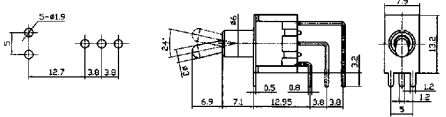

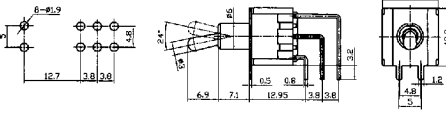

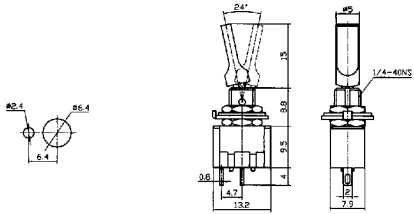

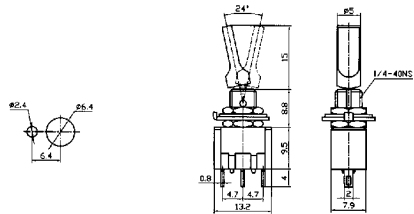

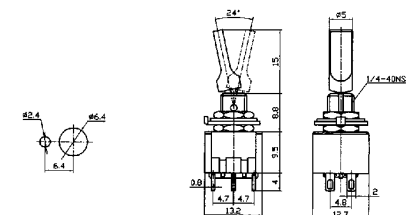

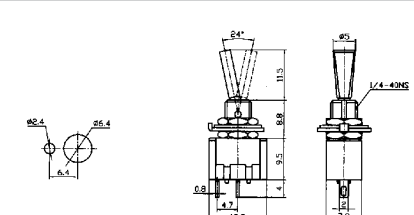

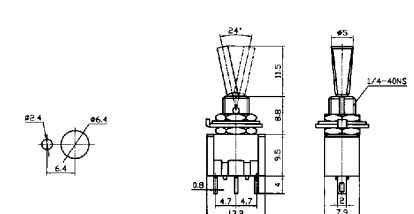
# MTS Series Miniature Toggle Switches

<p>SPST 2P</p> 	<p><b>MTS-101</b> ON-OFF</p>	
<p>SPDT 3P</p> 	<p><b>MTS-102</b> ON-ON  <b>MTS-112</b> ON-(ON)  <b>MTS-103</b> ON-OFF-ON  <b>MTS-113</b> ON-OFF-(ON)  <b>MTS-123</b> (ON)-OFF-(ON)</p>	
<p>DPST 4P</p> 	<p><b>MTS-201</b> ON-OFF</p>	
<p>DPDT 6P</p> 	<p><b>MTS-202</b> ON-ON  <b>MTS-212</b> ON-(ON)  <b>MTS-203</b> ON-OFF-ON  <b>MTS-213</b> ON-OFF-(ON)  <b>MTS-223</b> (ON)-OFF-(ON)</p>	
<p>3PDT 9P</p> 	<p><b>MTS-302</b> ON-ON  <b>MTS-303</b> ON-OFF-ON</p>	
<p>4PDT 12P</p> 	<p><b>MTS-402</b> ON-ON</p>	
<p>SPST 2P</p> 	<p><b>MTS-101-A2</b> ON-OFF</p>	


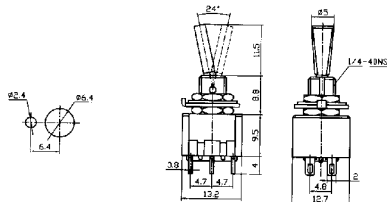

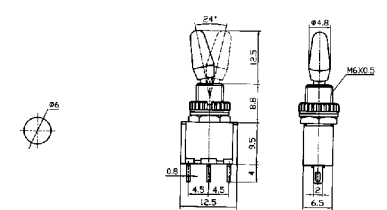

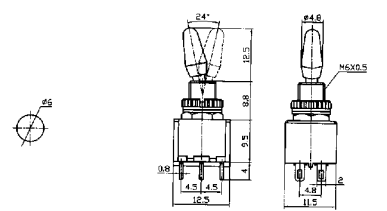

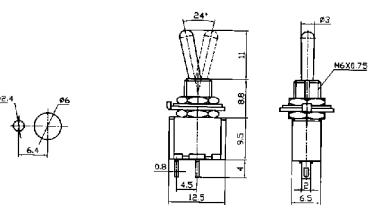

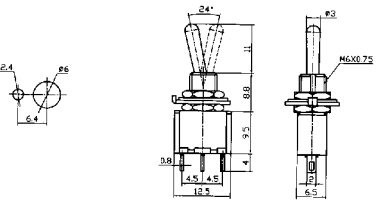

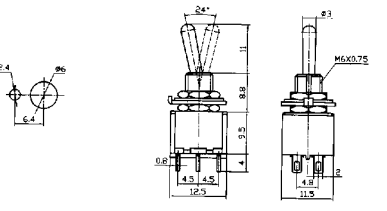

# MTS Series Miniature Toggle Switches

<p>SPDT 3P</p> 	<p>MTS-102-A2 ON-ON            MTS-112-A2 ON-(ON)            MTS-103-A2 ON-OFF-ON            MTS-113-A2 ON-OFF-(ON)            MTS-123-A2 (ON)-OFF-(ON)</p>	
<p>DPDT 6P</p> 	<p>MTS-202-A2 ON-ON            MTS-212-A2 ON-(ON)            MTS-203-A2 ON-OFF-ON            MTS-213-A2 ON-OFF-(ON)            MTS-223-A2 (ON)-OFF-(ON)</p>	
<p>3PDT 9P</p> 	<p>MTS-302-A2 ON-ON            MTS-303-A2 ON-OFF-ON</p>	
<p>SPDT 3P</p> 	<p>MTS-102-A2T ON-ON            MTS-112-A2T ON-(ON)            MTS-103-A2T ON-OFF-ON            MTS-113-A2T ON-OFF-(ON)            MTS-123-A2T (ON)-OFF-(ON)</p>	
<p>DPDT 6P</p> 	<p>MTS-202-A2T ON-ON            MTS-212-A2T ON-(ON)            MTS-203-A2T ON-OFF-ON            MTS-213-A2T ON-OFF-(ON)            MTS-223-A2T (ON)-OFF-(ON)</p>	
<p>SPDT 3P</p> 	<p>MTS-102-C3 ON-ON            MTS-112-C3 ON-(ON)            MTS-103-C3 ON-OFF-ON            MTS-113-C3 ON-OFF-(ON)            MTS-123-C3 (ON)-OFF-(ON)</p>	
<p>DPDT 6P</p> 	<p>MTS-202-C3 ON-ON            MTS-212-C3 ON-(ON)            MTS-203-C3 ON-OFF-ON            MTS-213-C3 ON-OFF-(ON)            MTS-223-C3 (ON)-OFF-(ON)</p>	

# MTS Series Miniature Toggle Switches

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

# MTS Series Miniature Toggle Switches

 <p>DPDT 6P</p>	<p> <b>MTS-202-F1</b> ON-ON  <b>MTS-212-F1</b> ON-(ON)  <b>MTS-203-F1</b> ON-OFF-ON  <b>MTS-213-F1</b> ON-OFF-(ON)  <b>MTS-223-F1</b> (ON)-OFF-(ON)            (METAL FLAT LEVER)         </p>	
 <p>SPDT 3P</p>	<p> <b>KNX-1-D1</b> ON-ON  <b>KNX-103-D1</b> ON-OFF-ON         </p>	
 <p>DPDT 6P</p>	<p> <b>KNX-2-D1</b> ON-ON  <b>KNX-203-D1</b> ON-OFF-ON         </p>	
 <p>SPST 2P</p>	<p><b>STM-101</b> ON-OFF</p>	
 <p>SPDT 3P</p>	<p> <b>STM-102</b> ON-ON  <b>STM-112</b> ON-(ON)  <b>STM-103</b> ON-OFF-ON  <b>STM-113</b> ON-OFF-(ON)  <b>STM-123</b> (ON)-OFF-(ON)         </p>	
 <p>DPDT 6P</p>	<p> <b>STM-202</b> ON-ON  <b>STM-212</b> ON-(ON)  <b>STM-203</b> ON-OFF-ON  <b>STM-213</b> ON-OFF-(ON)  <b>STM-223</b> (ON)-OFF-(ON)         </p>	
 <p>SPDT 6P</p>	<p> <b>MTS-102-L1</b> ON-ON  <b>MTS-103-L1</b> ON-OFF-ON         </p>	