

2SM-Series
Sealed Surface
Mount Sub-Miniature Toggle Switch
2S1-Series
Sub-Miniature Toggle Switch

2SS-Series
Sealed Sub-Miniature Toggle Switch

## 2S1-Series Ordering Scheme



## 2SS-Series Ordering Scheme



| 1 SERIES <br> 2SS Sealed Sub-Miniature Toggle Switch |  |  |  |
| :---: | :---: | :---: | :---: |
| 2 POLES <br> MSP single pole - uses terminals 1,2 \& 3. <br> MDP double pole uses terminals $1,2,3,4,5 \& 6$. |  |  |  |
|  |  |  |  |
| 3 CIRCUIT <br> ( ) - momentary |  |  |  |
|  |  |  |  |
| Switching Position: |  |  |  |
| 1 | ON | NONE | ON |
| 2 | ON | NONE | (ON) |
| 3 | ON | OFF | ON |
| 4 | (ON) | OFF | (ON) |
| 5 | ON | OFF | (ON) |


| 4 ACTUATOR STYLE |  |  |  |
| :--- | :--- | :--- | :--- |
| T1 Round toggle .358 length | P1 | ESD resistant plastic toggle |  |
| T2 | Round toggle 220 length |  | .421 length |
| T3 | Round toggle .299 length | P2 | ESD resistant plastic toggle |
| T4 | Round toggle .433 length |  | .272 length |


| 6 TERMINATION |  |
| :--- | :--- |
| M2 | PCB |
| M6 | PC Mount, $90^{\circ}$ horizontal |
| M61 | Snap In PC Mount, $90^{\circ}$ horizontal |
| M7 | PC Mount, $90^{\circ}$ vertical |
| M71 | Snap-In PC Mount, $90^{\circ}$ vertical |
| VS2 | PC Mount, U bracket, 620 mounting x .460 high |
| VS21 | Snap-In, U bracket |


| ONTACT |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Material | Terminal Plating | Rating |  |
| G | silver ${ }^{1}$ | gold over silver ${ }^{3}$ | 3A@125VAC or 28VD 1.5A @ 250VAC | IP67 |
| K | gold ${ }^{2}$ | tin-lead plated ${ }^{4}$ | 0.4VA max. @20V max (AC/DC) | IP67 |
| P | silver ${ }^{1}$ | tin-lead plated ${ }^{4}$ | 3A@125VAC or 28VDC <br> 1.5A @ 250VAC | IP67 |
| R | gold ${ }^{2}$ | gold plated ${ }^{2}$ | 0.4VA max. @20V max (AC/DC) | IP67 |
| NOTE: |  |  |  |  |
| Tin-lead option available with PC type terminations only. |  |  |  |  |
| 1 | Moveable contact \& terminals: copper alloy, silver plate |  |  |  |
| 2 | Moveable contact \& terminals: copper alloy with gold plate over nickel plate |  |  |  |
| 3 | Terminals: silver plate with outer layer in gold plating |  |  |  |
| 4 | Outer terminals: copper alloy with tin-lead over nickel plate |  |  |  |

[^0]```
8 EPOXY SEAL
E epoxy seal
```

2SM-Series Ordering Scheme


| 1 SERIES <br> 2SM Sealed Surface Mount Sub-Miniature Toggle Switch |  |  |  |
| :---: | :---: | :---: | :---: |
| 2 POLES <br> MSP single pole - uses terminals 1,2 \& 3 . |  |  |  |
| 3 CIRCUIT <br> ( ) - momentary |  |  |  |
| 1 2 3 4 5 | Swit $2-3$ ON ON ON ON ON | OPEN <br> NON <br> NONE <br> OFF <br> OFF <br> OFF | $\begin{aligned} & 2-1 \\ & \text { ON } \\ & \text { (ON) } \\ & \text { ON } \\ & \text { (ON) } \\ & \text { (ON) } \end{aligned}$ |

[^1]

[^2]2S-Series Dimensional Specifications: in. [mm]

## 2S1-Series



PANEL MOUNTING


| Without Locking Ring | With Small Locking Ring | Without Locking Ring |
| :--- | :--- | :--- |
| 2SS-Series |  |  |

ACTUATOR


BUSHING
B4

NOTE:
1 Subtract 2.55 mm from toggle length for B1 bushing

2S-Series Dimensional Specifications: in. [mm]

## TERMINATION

## 2S1-Series



2SS-Series


## 2S-Series



2S-Series Dimensional Specifications: in. [mm]


SNAP-IN TERMINATION


M61,M71,VS21 have the same P.C. mounting but with snap-in bracket

2SM-Series Dimensional Specifications: in. [mm]


TERMINATION

M6
$90^{\circ}$ Horizontal


PC MOUNTING


M7
$90^{\circ}$ Vertical


2SM-Series Dimensional Specifications: in. [mm]

## REEL TAPING



FOR S6 ONLY

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[^0]:    5 BUSHING
    B4 Unthreaded bushing

[^1]:    4 ACTUATOR STYLE
    T1 Round toggle .358 length
    T2 Round toggle 220 length
    P1 ESD resistant plastic toggle . 421 length
    P2 ESD resistant plastic toggle .272 length

[^2]:    8 PACKAGING
    Switches are bulk packed, unless T/R is specified at the end of the part number.

    T/R tape reel -500 pieces per ree

