## : ©hipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation, and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!


## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
Email \& Skype: info@chipsmall.com Web: www.chipsmall.com Address: A1208, Overseas Decoration Building, \#122 Zhenhua RD., Futian, Shenzhen, China


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




| 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 |


| 7 CONTACT |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Material | Terminal Plating | Rating |  |
| G | silve | 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

PC MOUNTING


M6
$90^{\circ}$ Horizontal


M7
$90^{\circ}$ Vertical


PC MOUNTING



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

## REEL TAPING



FOR S6 ONLY


[^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

