## : ©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

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## Features/Benefits

- Illuminated versions available
- Easy to install snap-in design
- Multiple actuator and termination styles to choose from


## Typical Applications

- Computers and peripherals
- Power supplies
- Industrial equipment
- Small appliances
- RoHS compliant

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## Materials

## Specifications

CONTACT RATING:
16 AMPS @ 125 VAC, 1/8 HP;
10 AMPS @ 250 VAC, 1/3 HP.
ELECTRICAL LIFE: 10,000 make and break cycles at full load.
INSULATION RESISTANCE: $10^{8} \Omega$ min.
DIELECTRIC STRENGTH: 1,500 VRMS @ sea level.
OPERATING TEMPERATURE: $-20^{\circ} \mathrm{C}$ to $+80^{\circ} \mathrm{C}$

HOUSING AND ACTUATOR: 6/6 nylon (UL94V-2), black, gloss or matte finish.
ILLUMINATED ACTUATOR: Polycarbonate, gloss or matte finish. CENTER CONTACTS: Silver plated, copper alloy.
END CONTACTS: Silver plated.
ALL TERMINALS: Silver plated, copper alloy.
NOTE: Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, consult Customer Service Center.

## Build-A-Switch

To order, simply select desired option from each category and place in the appropriate box. Available options are shown and described on pages G-95 through G-97. For additional options not shown in catalog, consult Customer Service Center.


## 



ACTUATOR $\square \square \square-\square-\square-\square-\square$
J1 rocker
J3 Illuminated rocker


Single Pole Power Rocker Switches

## ACTUATOR COLOR $\quad-\square \square-\square-\square-\square$

| OPTION <br> CODE | ACTUATOR <br> COLOR |
| :---: | :---: |
| 2 | BLACK |
| 1 | WHITE |
| 3 | RED |
| $\mathbf{R}$ | RED, ILLUMINATED |
| $\mathbf{A}$ | AMBER, ILLUMINATED |
| $\mathbf{G}$ | GREEN, ILLUMINATED |

## MOUNTING STYLE/COLOR $\square-\square-\square-\square-\square-\square$

S2 snap-in, black
S1 snap-in, white


Shown in Pos. 1

S4 snap-in, black (short frame)
S3 snap-in, white


Shown in Pos. 1


| PANEL THICKNESS | " X " | " Y " |
| :---: | :---: | :---: |
| $0.030-0.049(0,75-1,25)$ | $1.189-.004(30,2-0,1)$ | $0.441+.004(11,2+0,1)$ |
| $0.049-0.079(1,25-2,0)$ | $1.197-.004(30,4-0,1)$ | $0.441+.004(11,2+0,1)$ |
| $0.079-0.118(2,0-3,0)$ | $1.212-.004(30,8-0,1)$ | $0.441+.004(11,2+0,1)$ |

## TERMINATION $\square-\square-\square-\square-\square$

## 05 . 250 aUICk connect



Shown in Pos. 1


NOTE: Available with CM101 \& CM102 switch functions only.

07 solder lug


NONE no marking


H ol


D on－off


Po．



NOTE：Orientation of actuator marking and terminals．
Shown in Pos． 1

## CONTACT MATERIAL $\square$－- －$\square \square-\square$

| OPTION <br> CODE | CONTACT AND <br> TERMINAL MATERIAL | RATINGS |  |
| :---: | :---: | :---: | :---: |
| QA | SILVER | POWER | 16 AMPS＠ $125 \mathrm{VAC} ; 1 / 8 \mathrm{HP}$ <br> 10 AMPS＠ $250 \mathrm{VAC}, 1 / 3 \mathrm{HP}$ |

＊Note：See Technical Data section of this catalog for RoHS compliant and compatible definitions and specifications．
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## LAMP RATING ■－ロロローロー

（NONE）No LAMP
$7125 \mathrm{VAC} 33 \mathrm{~K} \Omega$ NEON
$8250 \mathrm{VAC} 150 \mathrm{~K} \Omega$ NEON

NOTE：Lamp rating for J3 \＆J8 actuator option．

