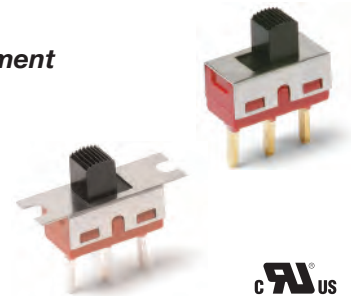


ment

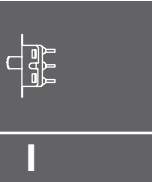


- ***Variety of actuators and terminations***
- ***Panel mount tabs available***
- ***Epoxy terminal seal—compatible with bottom-wash cleaning***
- ***RoHS compliant***

- **Test & measurement equipment**
- **Telecommunications**
- **Computer & peripherals**



### Models Available



## Slide

CONTACT RATING: B contact material: 0.4 VA max. @  
20 V AC or DC max. Q contact material: 6 AMPS @  
120 V AC or 28 V DC, 3 AMPS @ 250 V AC.  
See page I-16 for additional ratings.

ELECTRICAL LIFE: 100,000 make-and-break cycles at full  
load on models with B, K or P contact material; 40,000 cycles  
on models with G, Q, L, M, S or R contact material.

CONTACT RESISTANCE: Below 10 m  $\Omega$  typ. initial @  
2-4 V DC, 100 mA, for both silver and gold plated contacts.

INSULATION RESISTANCE: 10<sup>9</sup>  $\Omega$  min.

DIELECTRIC STRENGTH: 1,000 Vrms min. @ sea level.

OPERATING TEMPERATURE: -30°C to 65°C

SOLDERABILITY: Per MIL-STD-202F method 208D, or  
EIA RS-186E method 9 (1 hour steam aging).

CASE: diallyl phthalate (DAP), (UL 94V-0).

ACTUATOR: Nylon, black, standard.

HOUSING: Stainless steel.

SWITCH SUPPORT: Brass or steel, matte-tin plated.

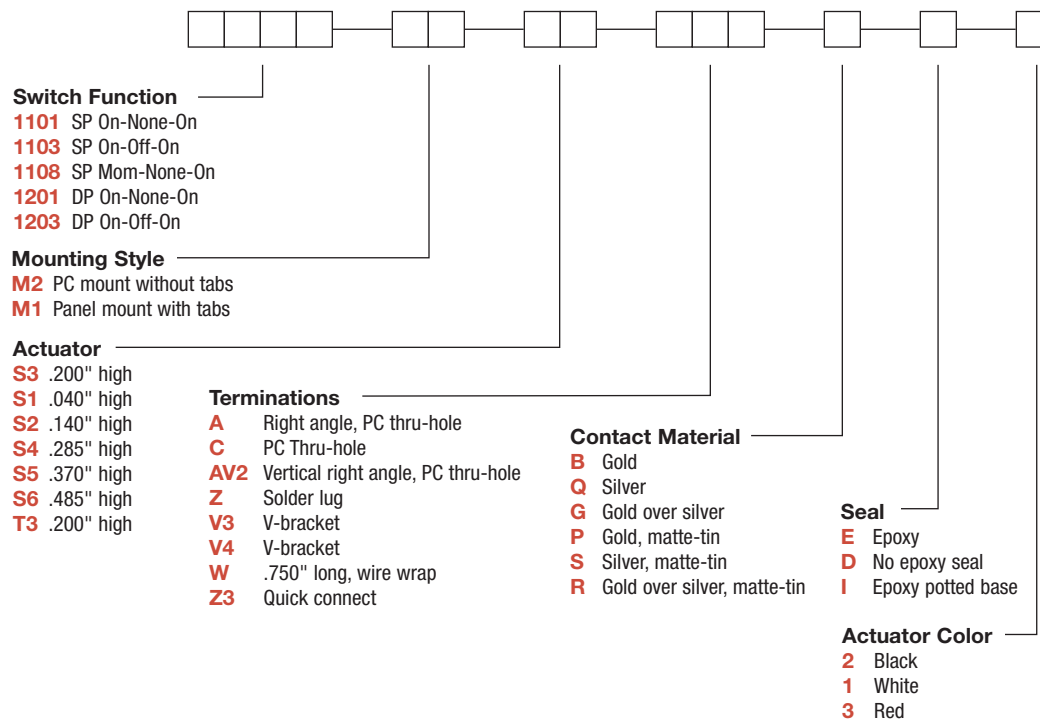
END CONTACTS: B contact material: Copper alloy, with gold plate over nickel plate. Q contact material: Coin silver, silver plated. See page I-16 for additional contact materials.

CENTER CONTACT & ALL TERMINALS: B contact material: Copper alloy, with gold plate over nickel plate. Q contact material: Copper alloy, silver plated. See page I-16 for additional contact materials.

TERMINAL SEAL: Epoxy. Refer to Soldering and Cleaning in Technical Data chapter

For information on specific and custom switches, consult Customer Service Center.

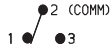
To order, simply select desired option from each category and place in the appropriate box. Available options are shown and described on pages I-12 through I-16. For additional options not shown in catalog, consult Customer Service Center. All models have epoxy terminal seal and are compatible with all "bottom-wash" PCB cleaning methods.

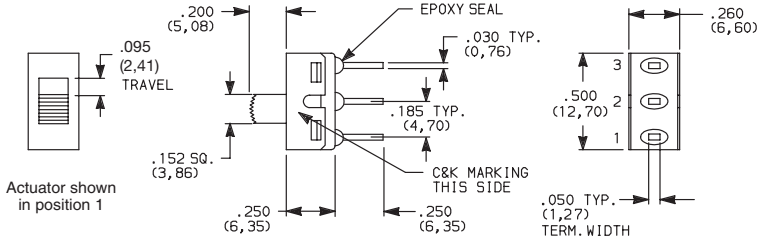


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1000 Series  
Miniature Slide Switches

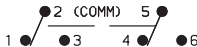
SWITCH FUNCTION

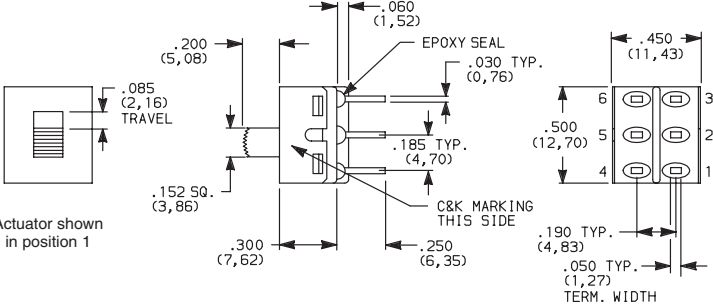
| NO. POLES | MODEL NO. | SWITCH FUNCTION |        |        | CONNECTED TERMINALS |        |        | SCHEMATIC                                                                           |
|-----------|-----------|-----------------|--------|--------|---------------------|--------|--------|-------------------------------------------------------------------------------------|
|           |           | POS. 1          | POS. 2 | POS. 3 | POS. 1              | POS. 2 | POS. 3 |                                                                                     |
| SP        | 1101      | ON              | NONE   | ON     | 1-2                 | N/A    | 2-3    |  |
|           | 1103      | ON              | OFF    | ON     |                     | OPEN   |        |                                                                                     |
|           | 1108      | MOM.            | NONE   | ON     |                     | N/A    |        |                                                                                     |
| SPDT      |           |                 |        |        |                     |        |        |                                                                                     |



Part number shown: 1101M2S3CQE2

Terminal Nos.  
For Reference Only

|      |      |    |      |    |         |      |         |                                                                                     |
|------|------|----|------|----|---------|------|---------|-------------------------------------------------------------------------------------|
| DP   | 1201 | ON | NONE | ON | 2-1,5-4 | OPEN | 2-3,5-6 |  |
|      | 1203 | ON | OFF  | ON |         |      |         |                                                                                     |
| DPDT |      |    |      |    |         |      |         |                                                                                     |



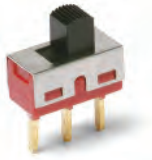
Part number shown: 1201M2S3CQE2

Terminal Nos.  
For Reference Only

MOM. = Momentary  
All models with all options when ordered with G, Q, S or R contact material.

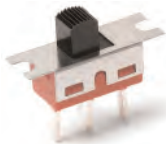
MOUNTING STYLE

M2 PC MOUNTING WITHOUT TABS

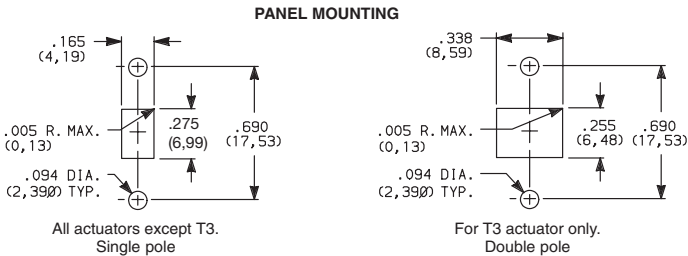
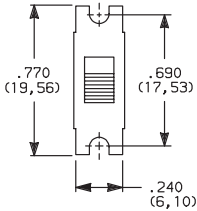


NOTE: Available with A, AV2, C, V3, V4, W terminations only.

M1 PANEL MOUNTING WITH TABS



NOTE: Available with C, W, Z, Z3 terminations only. No mounting hardware supplied.



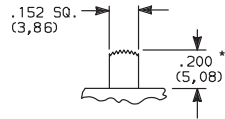
Dimensions are shown: Inch (mm)  
Specifications and dimensions subject to change



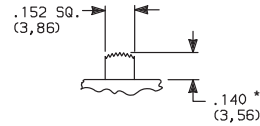
# 1000 Series Miniature Slide Switches



**S3** .200" HIGH

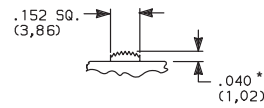


**S2** .140" HIGH



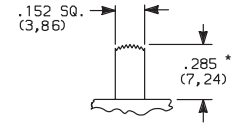
110X models only.

**S1** .040" HIGH

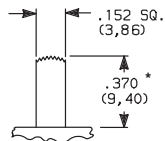


120X models only.

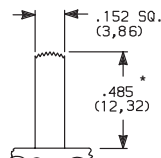
**S4** .285" HIGH



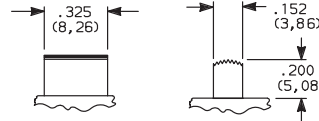
**S5** .370" HIGH



**S6** .485" HIGH



**T3** .200" HIGH



120X models only.

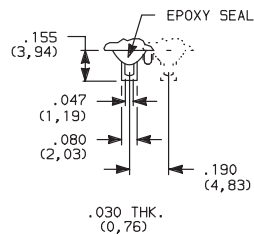
| OPTION CODE | ACTUATOR COLOR |
|-------------|----------------|
| 2           | BLACK          |
| 1           | WHITE          |
| 3           | RED            |
| 7           | BLUE           |
| 9           | GRAY           |

Other colors available, consult Customer Service Center.

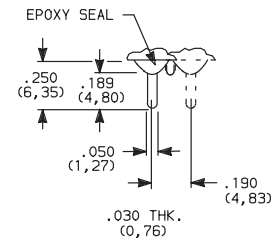
\* Subtract .014 (0,36) from actuator height, all models with A, AV2 - 2 pole, V3, V4 terminations.

## TERMINATIONS

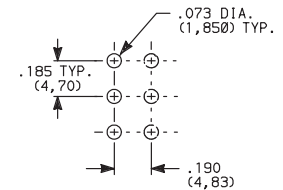
**Z** SOLDER LUG



**C** PC THRU-HOLE



PC MOUNTING

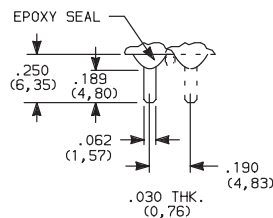


**SPDT & DPDT**

Not available with P, S or R contact materials.

**SPDT & DPDT**

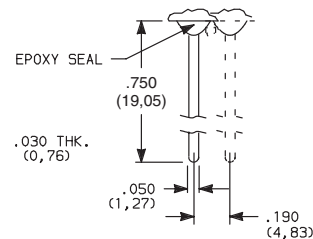
**Z3** QUICK CONNECT



**SPDT & DPDT**

Not available with P, S or R contact materials. Mating quick connector available; order part number 530100000, page I-16.

**W** WIRE WRAP



**SPDT & DPDT**



Dimensions are shown: Inches (mm)  
Specifications and dimensions subject to change



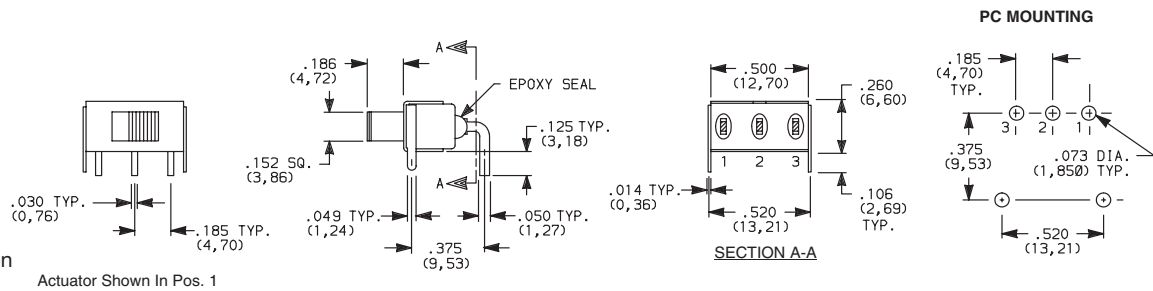
# 1000 Series Miniature Slide Switches

## TERMINATIONS

### A RIGHT ANGLE, PC THRU-HOLE



**1101M2S3ABE2**  
Horizontal Actuation  
**SPDT**

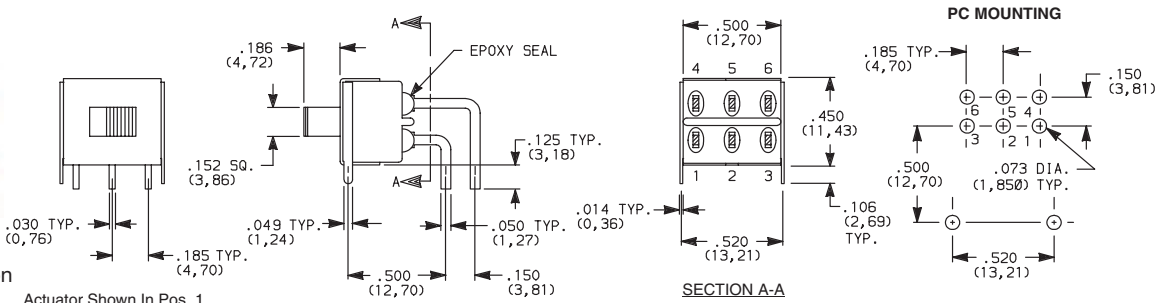


Not available with M1 mounting style, I seal option.  
Terminal bend radii and lead-in manufacturing option.

### A RIGHT ANGLE, PC THRU-HOLE



**1201M2S3ABE2**  
Horizontal Actuation  
**DPDT**

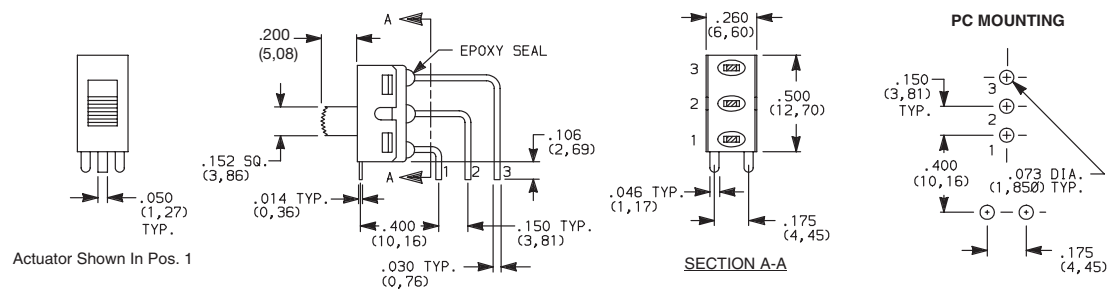


Not available with M1 mounting style, I seal option.  
Terminal bend radii and lead-in manufacturing option.

### AV2 VERTICAL RIGHT ANGLE, PC THRU-HOLE, .150" PITCH



**1101M2S3AV2BE2**  
Vertical Actuation  
**SPDT**



Not available with M1 mounting style, I seal option.  
Terminal bend radii and lead-in manufacturing option.

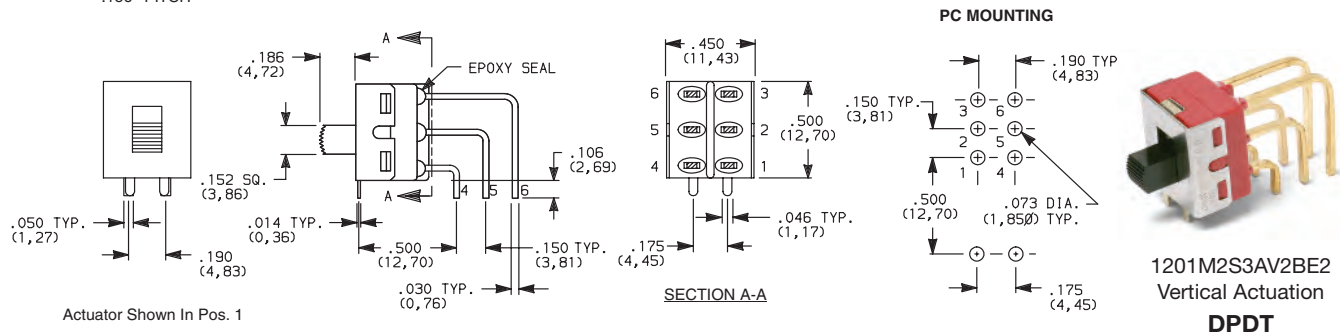


Dimensions are shown: Inch (mm)  
Specifications and dimensions subject to change

# 1000 Series Miniature Slide Switches

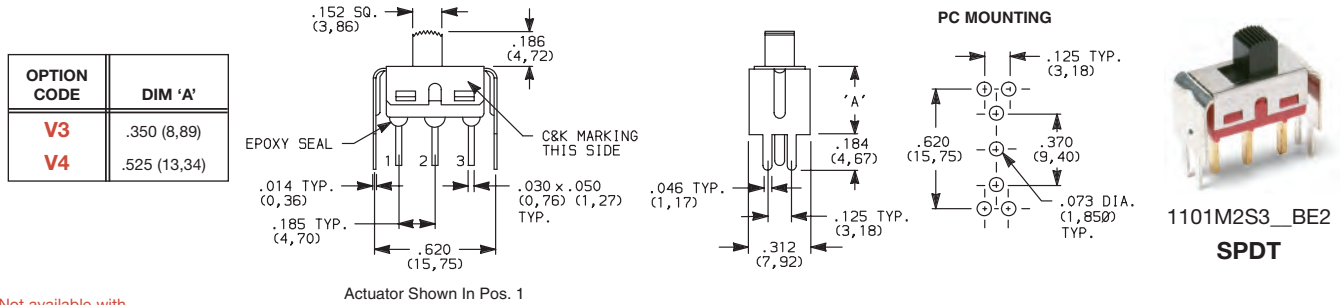
## TERMINATIONS

**AV2** VERTICAL RIGHT ANGLE, PC THRU-HOLE,  
.150" PITCH



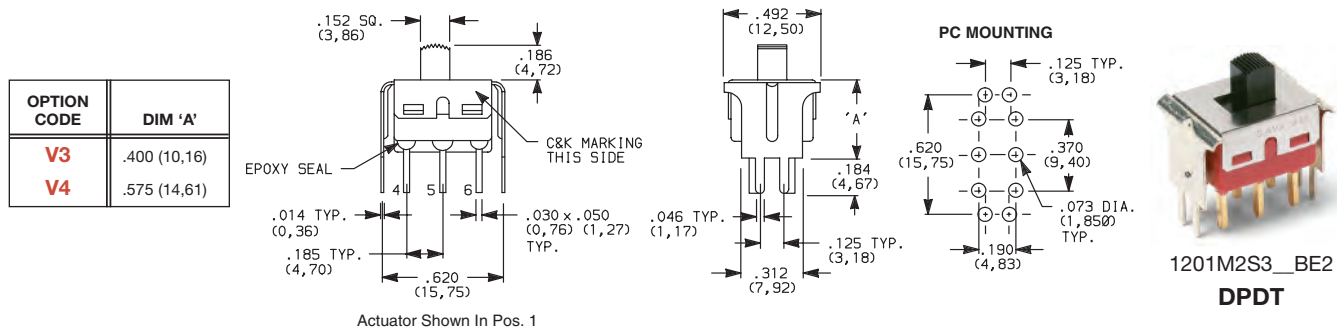
Not available with M1 mounting style, I seal option.  
Terminal bend radii and lead-in manufacturing option.

**V3, V4** VERTICAL MOUNT,  
V-BRACKET



Not available with  
M1 mounting style and I seal.

**V3, V4** VERTICAL MOUNT,  
V-BRACKET



Not available with  
M1 mounting style and I seal.

**C&K**



Third Angle  
Projection

Dimensions are shown: Inches (mm)  
Specifications and dimensions subject to change

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# 1000 Series Miniature Slide Switches

## CONTACT MATERIAL

| OPTION CODE | CONTACT MATERIAL                   | TERMINAL PLATING       | RATINGS                           |                                                                                                |
|-------------|------------------------------------|------------------------|-----------------------------------|------------------------------------------------------------------------------------------------|
| B           | GOLD <sup>1</sup>                  | GOLD <sup>3</sup>      | LOW LEVEL/<br>DRY CIRCUIT         | 0.4 VA MAX. @ 20 V AC OR DC MAX.                                                               |
| P           |                                    | MATTE-TIN <sup>6</sup> |                                   |                                                                                                |
| Q           | SILVER <sup>4,5</sup>              | GOLD <sup>3</sup>      | POWER                             | 6 AMPS @ 120 V AC OR 28 V DC; 3 AMPS @ 250 V AC.                                               |
| S           |                                    | MATTE-TIN <sup>6</sup> |                                   |                                                                                                |
| G           | GOLD OVER<br>SILVER <sup>2,3</sup> | GOLD <sup>3</sup>      | LOW LEVEL/DRY<br>CIRCUIT OR POWER | 0.4 VA MAX @ 20 V AC OR DC MAX OR 6 AMPS @ 120 V AC OR<br>0.4 MAX. 28 V DC; 3 AMPS @ 250 V AC. |
| R           |                                    | MATTE-TIN <sup>6</sup> |                                   |                                                                                                |

- \* Note: See Technical Data section of this catalog for RoHS compliant and compatible definitions and specifications.

<sup>1</sup> CONTACTS & TERMINALS: Copper alloy, with gold plate over nickel plate.

<sup>2</sup> END CONTACTS: Coin silver, with gold plate over nickel plate.

<sup>3</sup> CENTER CONTACTS & ALL TERMINALS: Copper alloy, with gold plate over nickel plate.

<sup>4</sup> END CONTACTS: Coin silver, silver plated.

<sup>5</sup> CENTER CONTACT & ALL TERMINALS: Copper alloy, silver plated.

<sup>6</sup> TERMINALS: Copper alloy, with matte-tin over nickel plate.
- All models **CALUS** with all options when ordered with G, Q, S or R contact material.

B contact material standard with all terminations except C, Z, Z3..

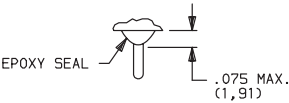
Q contact material standard with C, Z, Z3 terminations.

P, S or R contact materials not available with Z, Z3 terminations.

**NOTE:** Any models supplied with Q, B, G, P, S or R contact material are RoHS compliant.

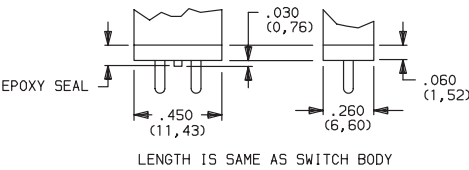
## SEAL

**E** EPOXY SEAL



**D** NO EPOXY SEAL

**I** EPOXY POTTED BASE



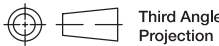
**NOTE:** Available with C, W, W3, Z, Z3 terminations only.

## AVAILABLE HARDWARE

Fits Z3 Termination  
female connector



PART NO.  
**530100000**  
Available in loose pieces.



Dimensions are shown: Inch (mm)  
Specifications and dimensions subject to change

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

C&K Components:

[1201M2S3CBE2](#) [1101M1S3ZQE2](#)