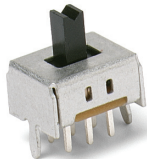
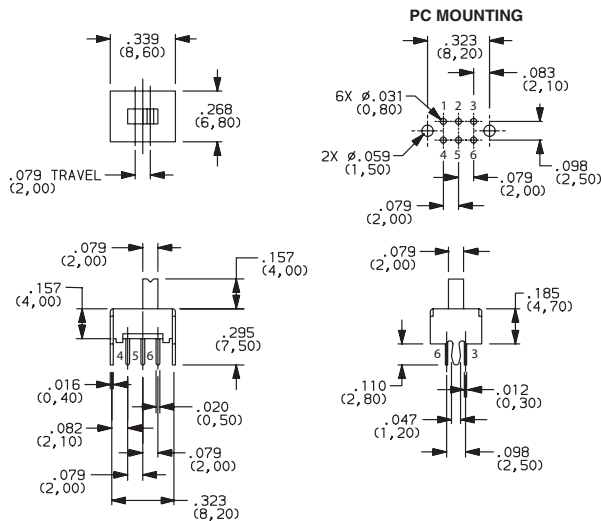


# OS Series Miniature Slide Switches

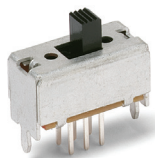


OS202011MS2QS1  
DPDT

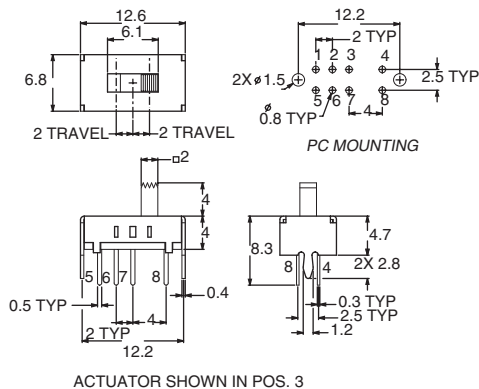


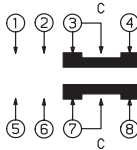
| PART NUMBER                                                                         |                |                 | SWITCH FUNCTION                                                                     |                                                                                     |
|-------------------------------------------------------------------------------------|----------------|-----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                                                                     | RoHS Compliant | RoHS Compatible | POS.1                                                                               | POS.2                                                                               |
|                                                                                     |                |                 |  |  |
| OS202011MS2QS1<br>(Shorting)                                                        | YES            | NO              | ON                                                                                  | ON                                                                                  |
| OS202011MS2QN1<br>(Non-shorting)                                                    | YES            | NO              | ON                                                                                  | ON                                                                                  |
| CONN. TERMINALS                                                                     |                |                 | 1-2, 4-5                                                                            | 2-3, 5-6                                                                            |
| SCHEMATIC                                                                           |                |                 |                                                                                     |                                                                                     |
|  |                |                 |                                                                                     |                                                                                     |
| DPDT                                                                                |                |                 |                                                                                     |                                                                                     |

CONTACT RATING: 0.1A @ 12 VDC

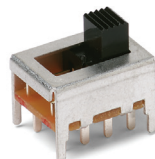


OS203011MS1QP1  
DP3T

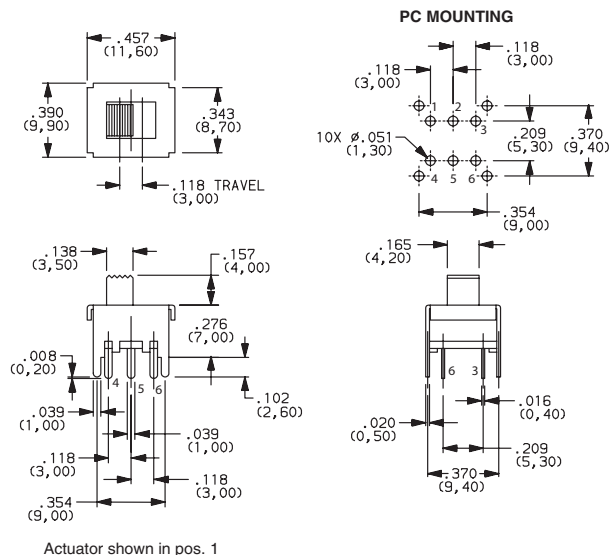


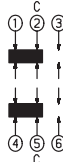
| PART NUMBER                                                                           |                |                 | SWITCH FUNCTION                                                                     |                                                                                     |                                                                                     |
|---------------------------------------------------------------------------------------|----------------|-----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                                                                       | ROHS Compliant | ROHS Compatible | POS.1                                                                               | POS.2                                                                               | POS.3                                                                               |
| OS203011MS1QP1<br>(Non-specified)                                                     | YES            | NO              |  |  |  |
| CONN. TERMINALS                                                                       |                |                 | 1-3, 5-7                                                                            | 2-3, 6-7                                                                            | 3-4, 7-8                                                                            |
| SCHEMATIC                                                                             |                |                 |                                                                                     |                                                                                     |                                                                                     |
|  |                |                 |                                                                                     |                                                                                     |                                                                                     |
| DP3T                                                                                  |                |                 |                                                                                     |                                                                                     |                                                                                     |

CONTACT RATING: 0.3A @ 30 VDC

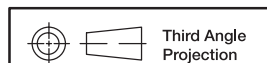


OS202013MT5QN1  
DPDT



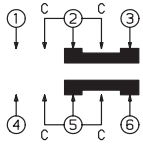
| PART NUMBER                                                                           |                |                 | SWITCH FUNCTION                                                                       |                                                                                       |
|---------------------------------------------------------------------------------------|----------------|-----------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                                                                                       | RoHS Compliant | RoHS Compatible | POS.1                                                                                 | POS.2                                                                                 |
| OS202013MT5QN1<br>(Non-shorting)                                                      | YES            | NO              |  |  |
| CONN. TERMINALS                                                                       |                |                 | 1-2, 4-5                                                                              | 2-3, 5-6                                                                              |
| SCHEMATIC                                                                             |                |                 |                                                                                       |                                                                                       |
|  |                |                 |                                                                                       |                                                                                       |
| DPDT                                                                                  |                |                 |                                                                                       |                                                                                       |

CONTACT RATING: 0.3A @ 30 VDC

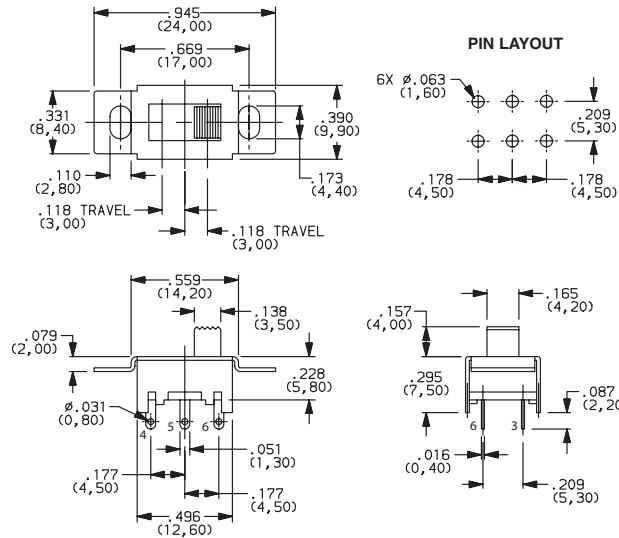


Dimensions are shown: Inch (mm)  
Specifications and dimensions subject to change

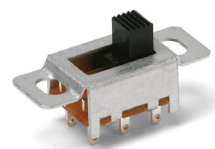
# OS Series Miniature Slide Switches

| PART NUMBER                                                                                        |                |                 | SWITCH FUNCTION |       |          |
|----------------------------------------------------------------------------------------------------|----------------|-----------------|-----------------|-------|----------|
|                                                                                                    | ROHS Compliant | ROHS Compatible | POS.1           | POS.2 | POS.3    |
| <b>OS203013MT7QN1</b><br>(Non-shorting)                                                            | YES            | NO              | ON              | OFF   | ON       |
| CONN. TERMINALS                                                                                    |                |                 | 1-2, 4-5        |       | 2-3, 5-6 |
| SCHEMATIC<br><br> |                |                 |                 |       |          |
| <b>DP3T</b>                                                                                        |                |                 |                 |       |          |

CONTACT RATING: 0.3A @ 30 VDC

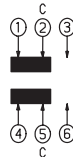


Actuator shown in pos. 3

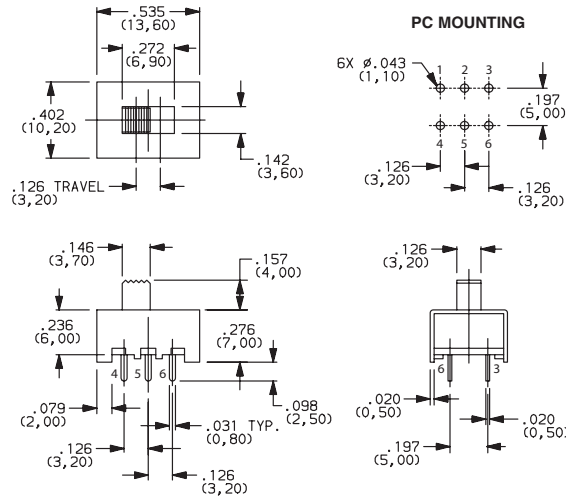


OS203013MT7QN1  
**DP3T**

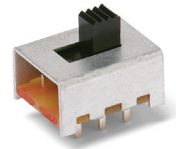
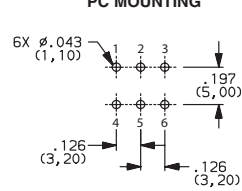
Slide

| PART NUMBER                                                                                          |                |                 | SWITCH FUNCTION |          |
|------------------------------------------------------------------------------------------------------|----------------|-----------------|-----------------|----------|
|                                                                                                      | RoHS Compliant | RoHS Compatible | POS.1           | POS.2    |
| <b>OS202013MT8QN1</b><br>(Non-shorting)                                                              | YES            | NO              | ON              | ON       |
| CONN. TERMINALS                                                                                      |                |                 | 1-2, 4-5        | 2-3, 5-6 |
| SCHEMATIC<br><br> |                |                 |                 |          |
| <b>DPDT</b>                                                                                          |                |                 |                 |          |

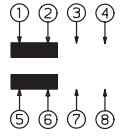
CONTACT RATING: 0.3A @ 30 VDC



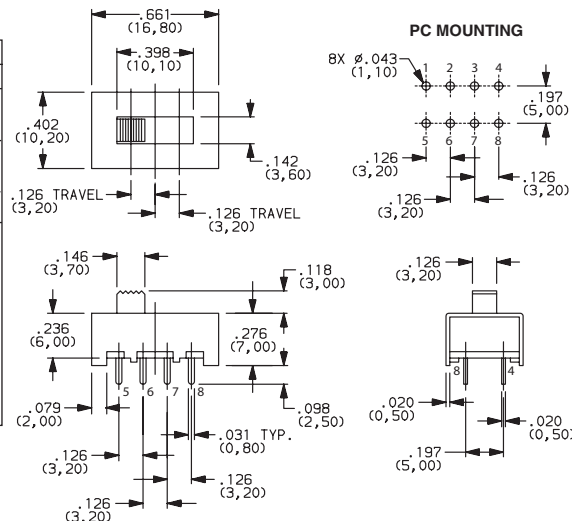
Actuator shown in pos. 1



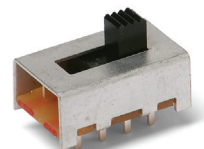
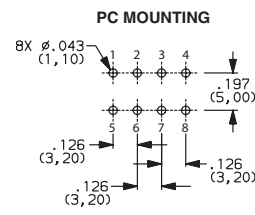
OS202013MT8QN1  
**DPDT**

| PART NUMBER                                                                                          |                |                 | SWITCH FUNCTION |          |          |
|------------------------------------------------------------------------------------------------------|----------------|-----------------|-----------------|----------|----------|
|                                                                                                      | ROHS Compliant | ROHS Compatible | POS.1           | POS.2    | POS.3    |
| <b>OS203013MT8QN1</b><br>(Non-shorting)                                                              | YES            | NO              | ON              | ON       | ON       |
| CONN. TERMINALS                                                                                      |                |                 | 1-2, 5-6        | 2-3, 6-7 | 3-4, 7-8 |
| SCHEMATIC<br><br> |                |                 |                 |          |          |
| <b>DP3T</b>                                                                                          |                |                 |                 |          |          |

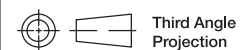
CONTACT RATING: 0.3A @ 30 VDC



Actuator shown in pos. 1



OS203013MT8QN1  
**DP3T**



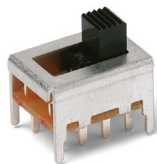
Third Angle Projection

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

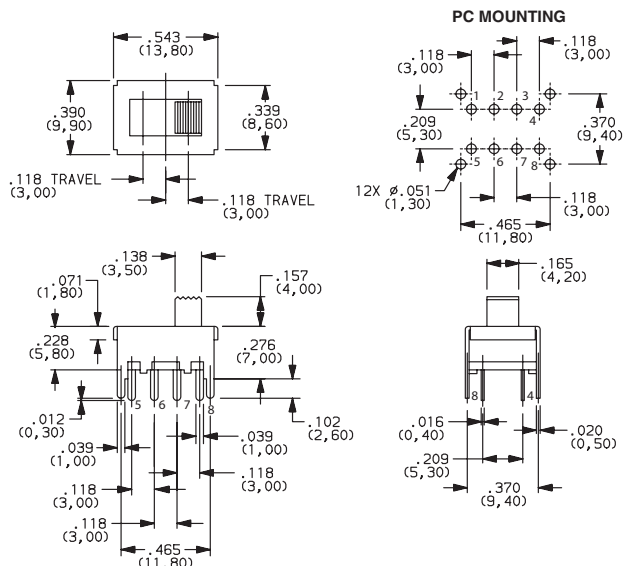


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# OS Series Miniature Slide Switches

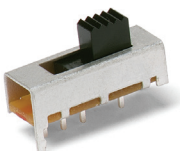


OS203013MT6QN1  
DP3T

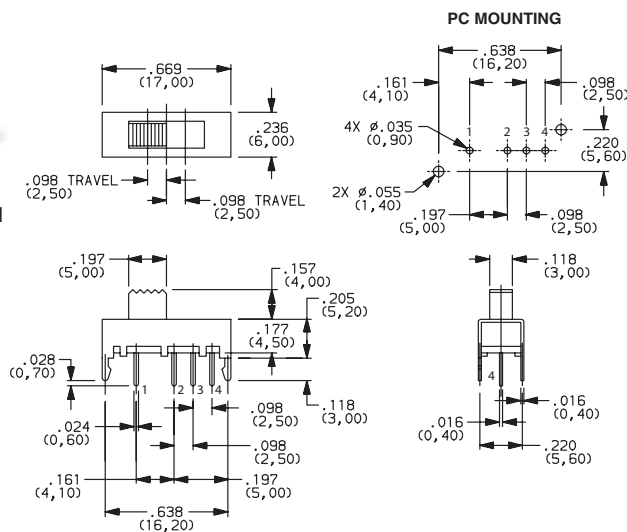


| PART NUMBER                      | ROHS Compliant | ROHS Compatible | SWITCH FUNCTION |          |          |
|----------------------------------|----------------|-----------------|-----------------|----------|----------|
|                                  |                |                 | POS.1           | POS.2    | POS.3    |
| OS203013MT6QN1<br>(Non-shorting) | YES            | NO              | ON              | ON       | ON       |
| CONN. TERMINALS                  |                |                 | 1-2, 5-6        | 2-3, 6-7 | 3-4, 7-8 |
| SCHEMATIC                        |                |                 |                 |          |          |
| DP3T                             |                |                 |                 |          |          |

CONTACT RATING: 0.2A @ 30 VDC

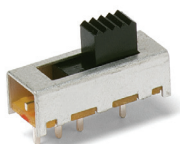


OS103012MU1QP1  
SP3T

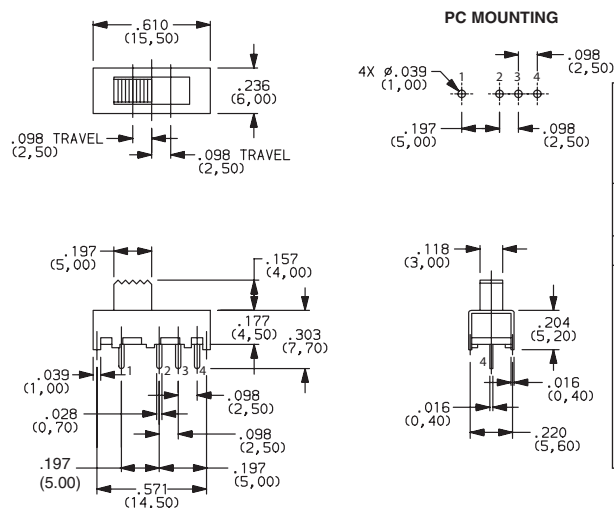


| PART NUMBER                      | ROHS Compliant | ROHS Compatible | SWITCH FUNCTION |       |       |
|----------------------------------|----------------|-----------------|-----------------|-------|-------|
|                                  |                |                 | POS.1           | POS.2 | POS.3 |
| OS103012MU1QP1<br>(Non-shorting) | YES            | NO              | ON              | ON    | ON    |
| CONN. TERMINALS                  |                |                 | 1-2             | 2-3   | 2-4   |
| SCHEMATIC                        |                |                 |                 |       |       |
| SP3T                             |                |                 |                 |       |       |

CONTACT RATING: 0.2A @ 30 VDC

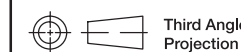


OS103012MU2QP1  
SP3T



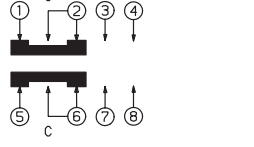
| PART NUMBER                      | ROHS Compliant | ROHS Compatible | SWITCH FUNCTION |       |       |
|----------------------------------|----------------|-----------------|-----------------|-------|-------|
|                                  |                |                 | POS.1           | POS.2 | POS.3 |
| OS103012MU2QP1<br>(Non-shorting) | YES            | NO              | ON              | ON    | ON    |
| CONN. TERMINALS                  |                |                 | 1-2             | 2-3   | 2-4   |
| SCHEMATIC                        |                |                 |                 |       |       |
| SP3T                             |                |                 |                 |       |       |

CONTACT RATING: 0.2A @ 30 VDC

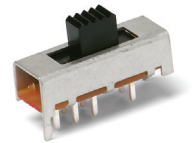
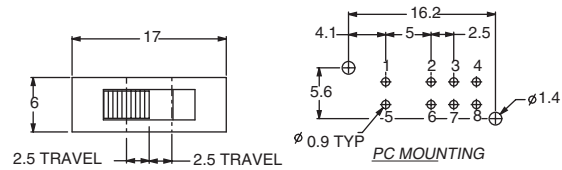


Dimensions are shown: Inch (mm)  
Specifications and dimensions subject to change

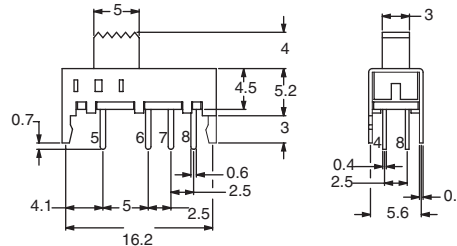
# OS Series Miniature Slide Switches

| PART NUMBER                                                                                    |                |                 | SWITCH FUNCTION |          |          |
|------------------------------------------------------------------------------------------------|----------------|-----------------|-----------------|----------|----------|
|                                                                                                | ROHS Compliant | ROHS Compatible | POS.1           | POS.2    | POS.3    |
| <b>OS203012MU5QP1</b><br>(Non-specified)                                                       | YES            | NO              | ON              | ON       | ON       |
| CONN. TERMINALS                                                                                |                |                 | 1-2, 5-6        | 2-3, 6-7 | 2-4, 6-8 |
| SCHEMATIC<br> |                |                 |                 |          |          |
| <b>DP3T</b>                                                                                    |                |                 |                 |          |          |

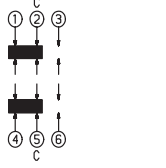
CONTACT RATING: 0.1A @ 30 VDC



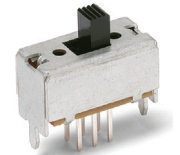
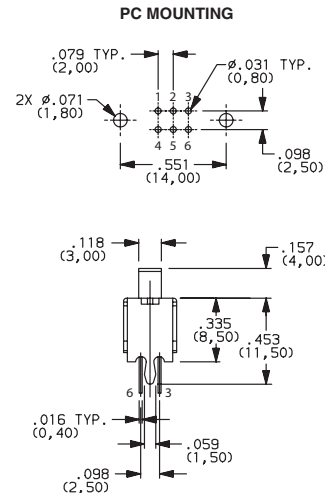
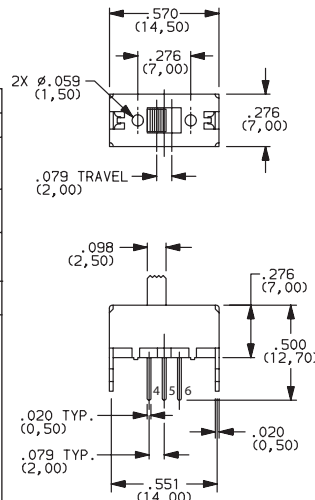
OS203012MU5QP1  
**DP3T**



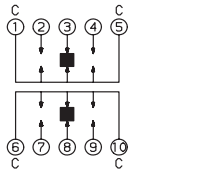
ACTUATOR SHOWN IN POS. 1

| PART NUMBER                                                                                      |                |                 | SWITCH FUNCTION |          |
|--------------------------------------------------------------------------------------------------|----------------|-----------------|-----------------|----------|
|                                                                                                  | RoHS Compliant | RoHS Compatible | POS.1           | POS.2    |
| <b>OS202011MV4QN1</b><br>(Non-shorting)                                                          | YES            | NO              | ON              | ON       |
| <b>OS202011MV4QS1</b><br>(Shorting)                                                              | YES            | NO              | ON              | ON       |
| CONN. TERMINALS                                                                                  |                |                 | 1-2, 4-5        | 2-3, 5-6 |
| SCHEMATIC<br> |                |                 |                 |          |
| <b>DPDT</b>                                                                                      |                |                 |                 |          |

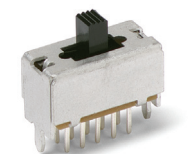
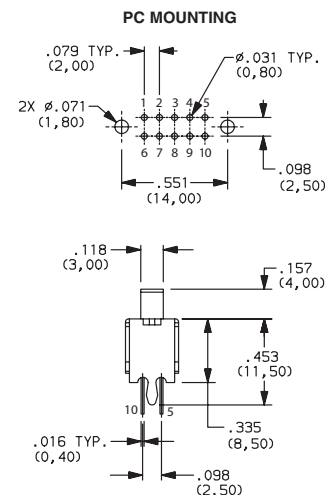
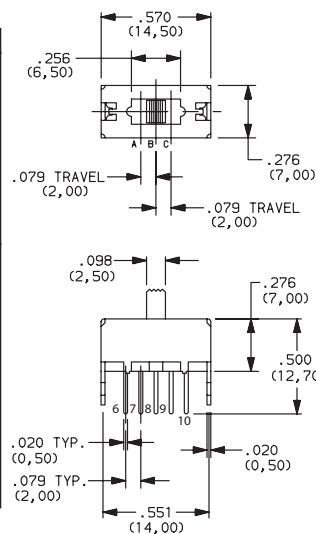
CONTACT RATING: 0.1A @ 30 VDC



OS202011MV4QN1  
**DPDT**

| PART NUMBER                                                                                      |                |                 | SWITCH FUNCTION |                 |                 |
|--------------------------------------------------------------------------------------------------|----------------|-----------------|-----------------|-----------------|-----------------|
|                                                                                                  | ROHS Compliant | ROHS Compatible | POS.1           | POS.2           | POS.3           |
| <b>OS203011MV9QS1</b><br>(Shorting)                                                              | YES            | NO              | ON              | ON              | ON              |
| <b>OS203011MV9QN1</b><br>(Non-Shorting)                                                          | YES            | NO              | ON              | ON              | ON              |
| CONN. TERMINALS                                                                                  |                |                 | 1-2-5<br>6-7-10 | 1-3-5<br>6-8-10 | 1-4-5<br>6-9-10 |
| SCHEMATIC<br> |                |                 |                 |                 |                 |
| <b>DP3T</b>                                                                                      |                |                 |                 |                 |                 |

CONTACT RATING: 0.1A @ 30 VDC



OS203011MV9QS1  
**DP3T**



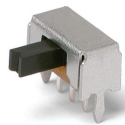
Dimensions are shown: Inches (mm)  
Specifications and dimensions subject to change

[www.ckswitches.com](http://www.ckswitches.com)

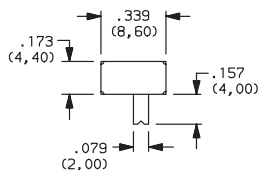
**C&K**

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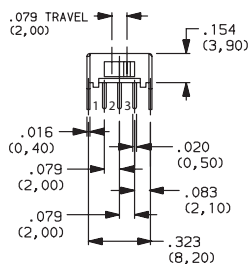
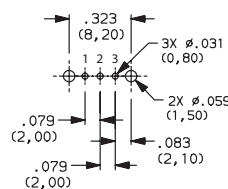
# OS Series Miniature Slide Switches



OS102011MA1QN1  
SPDT



PC MOUNTING

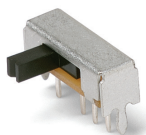


Actuator shown in pos. 2

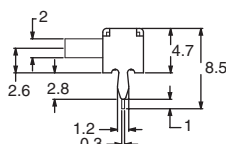
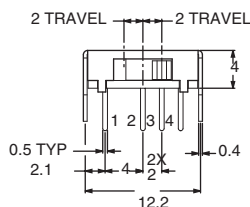
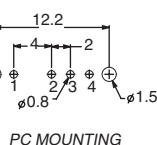
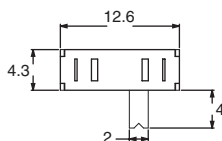
| PART NUMBER                     | RoHS Compliant | RoHS Compatible | SWITCH FUNCTION |       |
|---------------------------------|----------------|-----------------|-----------------|-------|
|                                 |                |                 | POS.1           | POS.2 |
| OS102011MA1QN1 (Non-shorting)   | YES            | NO              | ON              | ON    |
| OS102011MA1QN1C* (Non-shorting) | YES            | YES             | ON              | ON    |
| OS102011MA1QS1 (Shorting)       | YES            | NO              | ON              | ON    |
| OS102011MA1QS1C* (Shorting)     | YES            | YES             | ON              | ON    |
| CONN. TERMINALS                 |                |                 | 1-2             | 2-3   |
| SCHEMATIC                       |                |                 |                 |       |
| SPDT                            |                |                 |                 |       |

CONTACT RATING: 0.1A @ 12 VDC

\* "C" option at the end of part number designates high temperature actuators



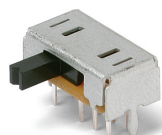
OS103011MA7QP1  
SP3T



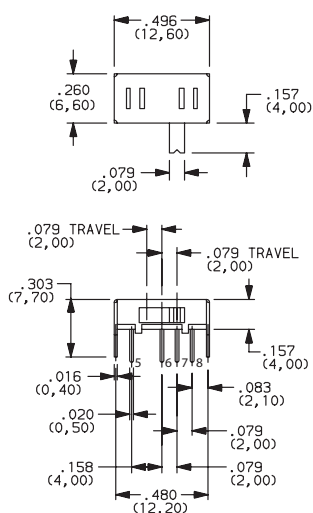
| PART NUMBER                      | ROHS Compliant | ROHS Compatible | SWITCH FUNCTION |       |       |
|----------------------------------|----------------|-----------------|-----------------|-------|-------|
|                                  |                |                 | POS.1           | POS.2 | POS.3 |
| OS103011MA7QP1 (Non-specified)   | YES            | NO              | ON              | ON    | ON    |
| OS103011MA7QP1C* (Non-specified) | YES            | YES             | ON              | ON    | ON    |
| CONN. TERMINALS                  |                |                 | 1-2             | 2-3   | 2-4   |
| SCHEMATIC                        |                |                 |                 |       |       |
| SP3T                             |                |                 |                 |       |       |

CONTACT RATING: 0.1A @ 12 VDC

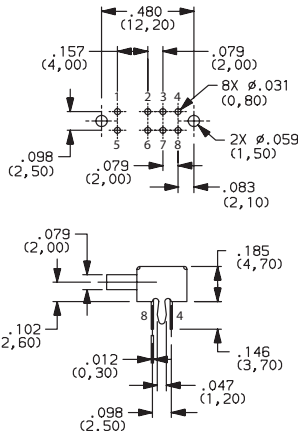
\* "C" option at the end of part number designates high temperature actuators



OS203011MA2QP1  
DP3T



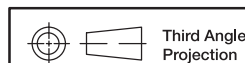
PC MOUNTING



Actuator shown in pos. 3

| PART NUMBER                    | RoHS Compliant | RoHS Compatible | SWITCH FUNCTION |          |          |
|--------------------------------|----------------|-----------------|-----------------|----------|----------|
|                                |                |                 | POS.1           | POS.2    | POS.3    |
| OS203011MA2QP1 (Non-specified) | YES            | NO              | ON              | ON       | ON       |
| CONN. TERMINALS                |                |                 | 1-2, 5-6        | 2-3, 6-7 | 2-4, 6-8 |
| SCHEMATIC                      |                |                 |                 |          |          |
| DP3T                           |                |                 |                 |          |          |

CONTACT RATING: 0.1A @ 12 VDC

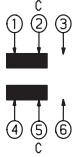


Dimensions are shown: Inch (mm)

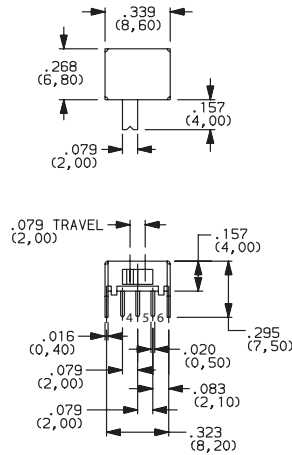
Specifications and dimensions subject to change

www.ckswitches.com

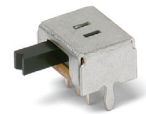
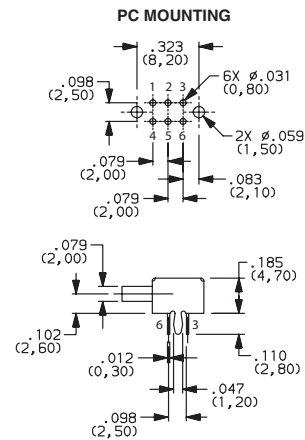
# OS Series Miniature Slide Switches

| PART NUMBER                                                                       | RoHS<br>Compliant | RoHS<br>Compatible | SWITCH FUNCTION |          |
|-----------------------------------------------------------------------------------|-------------------|--------------------|-----------------|----------|
|                                                                                   |                   |                    | POS.1           | POS.2    |
| <b>OS202011MA0QN1</b><br>(Non-shorting)                                           | YES               | NO                 | ON              | ON       |
| <b>OS202011MA0QS1</b><br>(Shorting)                                               | YES               | NO                 | ON              | ON       |
| CONN. TERMINALS                                                                   |                   |                    | 1-2, 4-5        | 2-3, 5-6 |
| SCHEMATIC                                                                         |                   |                    |                 |          |
|  |                   |                    |                 |          |
| <b>DPDT</b>                                                                       |                   |                    |                 |          |

CONTACT RATING: 0.1A @ 12 VDC



Actuator shown in pos. 1



OS202011MA0QN1  
DPDT



Slide