



#### **Specifications**

Contact Rating	See individual parts.
Mechanical & Electrical Life	10,000 cycles
<b>Contact Resistance</b>	20 m $\Omega$ or less
Insulation Resistance	100 M $\Omega$ min. at 500 VDC.
Dielectric Strength	500 VAC for 1 minute.
Operating Temperature	–40°C to 85°C
Packaging	Bulk

**Notes:** For RoHS compatible switches contact customer service. Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, consult Customer Service Center.

## **Description**

The OS series miniature slide switch is made with Halogen-free materials and comes with a variety of actuators and terminations, optional PC or panel mounting, shorting or non-shorting contacts and gold or silver plating. These features make the OS series attractive to designers in the test & measurement equipment, computer peripheral & network product and consumer products industries.

#### **Features & Benefits**

- Variety of actuators & terminations
- Shorting or non-shorting contacts
- RoHS compliant
- Halogen free material
- PC and panel mounting

### **Applications**

- Test & measurement equipment
- Computer peripherals & network products
- Consumer products

#### **Materials**

Base	Phenolic Resin						
Actuator	Standard: POM, Black. High Temperature Option: PA46, Black						
Housing	SPCC Sn plated						
Movable Contact	Copper alloy, silver plated.						
Stationary Contacts	Brass, silver plated.						
Terminals	biass, silver plateu.						





#### **Ordering Number**

Part number list is shown below. For individual part details, please refer to the following pages.

Product Details  OS102011MS2ON1  SPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting  SPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting  SPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting, High temperature resin  SPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Shorting, High temperature resin  SPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Not specified  SPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified  SPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting  SPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting  SPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting  DPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting  DPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting  DPDT, 3mm travel, Vertical, PC Thru-hole, Frame H=7.0mm, Tail L=2.8mm, Non shorting  DPDT, 3mm travel, Vertical, PC Thru-hole, Frame H=7.0mm, Tail L=2.8mm, Non shorting  DPDT, 3mm travel, Vertical, PC Thru-hole, Frame H=7.0mm, Tail L=2.5mm, Non shorting  DPDT, 3mm travel, Vertical, PC Thru-hole, Frame H=7.0mm, Tail L=2.5mm, Non shorting  DPDT, 3mm travel, Vertical, PC Thru-hole, Frame H=7.0mm, Tail L=2.5mm, Non shorting  DPDT, 3mm travel, Vertical, PC Thru-hole, Frame H=7.0mm, Tail L=2.5mm, Non shorting  DPDT, 3mm travel, Vertical, PC Thru-hole, Frame H=5.2mm, Tail L=2.5mm, Non shorting  DPDT, 3mm travel, Vertical, PC Thru-hole, Frame H=5.2mm, Tail L=2.5mm, Non shorting  DPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=5.2mm, Tail L=2.5mm, Non shorting  DPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=5.2mm, Tail L=2.5mm, Non shorting  DPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, Non shorting  DPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, Non shorting  DPDT, 2mm tr		, , , , , , , , , , , , , , , , , , , ,
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SPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, shorting, High temperature resin OS103011MS8QP1 SP3T, 2mm travel, Vertical, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified SP3T, 2mm travel, Vertical, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified SP3T, 2mm travel, Vertical, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Shorting DPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Shorting DPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting DPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting DPDT, 3mm travel, Vertical, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting DPDT, 3mm travel, Vertical, PC Thru-hole, Frame H=7.7mm, Tail L=2.8mm, Non shorting DPDT, 3mm travel, Vertical, PC Thru-hole, Frame H=7.7mm, Tail L=2.8mm, Non shorting DPDT, 3.2mm travel, Vertical, PC Thru-hole, Frame H=7.7mm, Tail L=2.8mm, Non shorting DPDT, 3.2mm travel, Vertical, PC Thru-hole, Frame H=7.7mm, Tail L=2.5mm, Non shorting DPDT, 3.2mm travel, Vertical, PC Thru-hole, Frame H=7.7mm, Tail L=2.5mm, Non shorting DPDT, 3.2mm travel, Vertical, PC Thru-hole, Frame H=7.7mm, Tail L=2.5mm, Non shorting DPDT, 3mm travel, Vertical, PC Thru-hole, Frame H=7.7mm, Tail L=2.5mm, Non shorting DPDT, 3mm travel, Vertical, PC Thru-hole, Frame H=5.7mm, Tail L=2.5mm, Non specified DPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=5.7mm, Tail L=2.5mm, Non shorting DPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=5.7mm, Tail L=2.5mm, Non shorting DPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, Non shorting DPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, Non shorting DPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, Non shorting DPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, Non shorting DPDT, 2mm travel, Non travel, Non Specified DPDT, 2mm travel, Non Specified SPDT, 2mm travel, Non SpDT, 2mm travel, Non SpDT, 2mm travel, Non SpDT, 2mm travel,	OS102011MS2QN1C	SPDT, 2mm travel, Vertical, PCThru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting, High temperature resin
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DPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Shorting DPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting DPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting DPDT, 3mm travel, Vertical, PC Thru-hole, Frame H=7.0mm, Tail L=2.8mm, Non shorting DPDT, 3mm travel, Vertical, PC Thru-hole, Frame H=7.0mm, Tail L=2.8mm, Non shorting DPDT, 3mm travel, Vertical, PC Thru-hole, Frame H=7.0mm, Tail L=2.2mm, Non shorting DPDT, 3.2mm travel, Vertical, PC Thru-hole, Frame H=7.0mm, Tail L=2.5mm, Non shorting DPDT, 3.2mm travel, Vertical, PC Thru-hole, Frame H=7.0mm, Tail L=2.5mm, Non shorting DS203013MT8QN1 DPDT, 3.2mm travel, Vertical, PC Thru-hole, Frame H=7.0mm, Tail L=2.5mm, Non shorting DS203013MT6QN1 DP3T, 3.2mm travel, Vertical, PC Thru-hole, Frame H=5.2mm, Tail L=2.5mm, Non shorting DS203013MT6QN1 DP3T, 3.2mm travel, Vertical, PC Thru-hole, Frame H=5.2mm, Tail L=2.5mm, Non shorting DS203012MU1QP1 SP3T, 2.5mm travel, Vertical, PC Thru-hole, Frame H=5.2mm, Tail L=2.5mm, Not specified DS203012MU2QP1 DP3T, 2.5mm travel, Vertical, PC Thru-hole, Frame H=5.2mm, Tail L=3.7mm, Not specified DP3T, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, Shorting DPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, Shorting DPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, Shorting DP3T, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, Shorting DP3T, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, Shorting DP3T, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, Shorting DP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Shorting SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Shorting DP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Shorting DP3T, 2mm travel, Right angle, PC Thru-hole, Frame	OS103011MS8QP1	SP3T, 2mm travel, Vertical, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified
DPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting DP37, 2mm travel, Vertical, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting DPDT, 3mm travel, Vertical, PC Thru-hole, Frame H=7.0mm, Tail L=2.8mm, Non shorting DPDT, 3mm travel, Vertical, PC Thru-hole, Frame H=7.0mm, Tail L=2.2mm, Non shorting DPDT, 3.2mm travel, Vertical, PC Thru-hole, Frame H=7.0mm, Tail L=2.2mm, Non shorting DPDT, 3.2mm travel, Vertical, PC Thru-hole, Frame H=7.0mm, Tail L=2.5mm, Non shorting DPDT, 3.2mm travel, Vertical, PC Thru-hole, Frame H=7.0mm, Tail L=2.5mm, Non shorting DP3T, 3.2mm travel, Vertical, PC Thru-hole, Frame H=7.0mm, Tail L=2.5mm, Non shorting DP3T, 3.2mm travel, Vertical, PC Thru-hole, Frame H=7.0mm, Tail L=2.5mm, Non shorting DP3T, 3.5mm travel, Vertical, PC Thru-hole, Frame H=5.2mm, Tail L=2.5mm, Not specified DP3T, 2.5mm travel, Vertical, PC Thru-hole, Frame H=5.2mm, Tail L=2.5mm, Not specified DP3T, 2.5mm travel, Vertical, PC Thru-hole, Frame H=5.2mm, Tail L=2.5mm, Not specified DP3T, 2.5mm travel, Vertical, PC Thru-hole, Frame H=5.2mm, Tail L=4.2mm, Non shorting DP3T, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, shorting DP3T, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, shorting DP3T, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, Non shorting DP3T, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, Non shorting DP3T, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, Non shorting DP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting DP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Shorting DP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Not specified DP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified DP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified DP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified	OS103011MS8QP1C	SP3T, 2mm travel, Vertical, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified, High temperature resin
OS203011MS1OP1 DP3T, 2mm travel, Vertical, PC Thru-hole, Frame H=4.7mm, Tail L=3.6mm, Not specified OS202013MT5ON1 DPDT, 3mm travel, Vertical, PC Thru-hole, Frame H=7.0mm, Tail L=2.8mm, Non shorting OS203013MT7ON1 DP3T, 3mm travel, Vertical, PC Thru-hole, Frame H=7.0mm, Tail L=2.2mm, Non shorting OS202013MT8ON1 DP3T, 3.2mm travel, Vertical, PC Thru-hole, Frame H=7.0mm, Tail L=2.5mm, Non shorting OS203013MT8ON1 DP3T, 3.2mm travel, Vertical, PC Thru-hole, Frame H=7.0mm, Tail L=2.5mm, Non shorting OS203013MT6ON1 DP3T, 3.2mm travel, Vertical, PC Thru-hole, Frame H=7.0mm, Tail L=2.5mm, Non shorting OS103012MU10P1 SP3T, 2.5mm travel, Vertical, PC Thru-hole, Frame H=5.2mm, Tail L=3.7mm, Not specified OS103012MU20P1 SP3T, 2.5mm travel, Vertical, PC Thru-hole, Frame H=5.2mm, Tail L=2.5mm, Not specified OS203012MU50P1 DP3T, 2.5mm travel, Vertical, PC Thru-hole, Frame H=5.2mm, Tail L=4.2mm, Non shorting OS202011MV4QN1 DPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, Non shorting OS203011MV9QN1 DPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, shorting OS203011MV9QN1 DP3T, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, Non shorting OS102011MA10N1 SPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=2.8mm, Non shorting OS102011MA10N1 SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting OS102011MA10S1 SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting OS102011MA10S1 SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Not specified OS103011MA70P1 SP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified OS103011MA70P1C SP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified OS103011MA20P1 DP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified	OS202011MS2QS1	DPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Shorting
OS202013MT5ON1 DPDT, 3mm travel, Vertical, PC Thru-hole, Frame H=7.0mm, Tail L=2.8mm, Non shorting OS203013MT7ON1 DP3T, 3mm travel, Vertical, PC Thru-hole, Frame H=7.5mm, Tail L=2.2mm, Non shorting OS202013MT8ON1 DP3T, 3.2mm travel, Vertical, PC Thru-hole, Frame H=7.0mm, Tail L=2.5mm, Non shorting OS203013MT6ON1 DP3T, 3.2mm travel, Vertical, PC Thru-hole, Frame H=7.0mm, Tail L=2.5mm, Non shorting OS103012MU10P1 SP3T, 2.5mm travel, Vertical, PC Thru-hole, Frame H=7.0mm, Tail L=2.5mm, Non shorting OS103012MU2OP1 SP3T, 2.5mm travel, Vertical, PC Thru-hole, Frame H=5.2mm, Tail L=2.5mm, Not specified OS203012MU5OP1 DP3T, 2.5mm travel, Vertical, PC Thru-hole, Frame H=5.2mm, Tail L=2.5mm, Not specified OS202011MV4QN1 DPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, Non shorting OS202011MV4QS1 DPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, shorting OS203011MV9QS1 DP3T, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, Non shorting OS203011MV9QN1 DP3T, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, Non shorting OS102011MA1QN1 SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting OS102011MA1QN1 SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting OS102011MA1QS1 SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, shorting OS102011MA1QS1 SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Not specified OS103011MA7QP1 SP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Not specified OS103011MA7QP1 SP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified OS203011MA2QP1 DP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.7mm, Not specified OS203011MA2QP1 DP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.7mm, Not specified	OS202011MS2QN1	DPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting
OS203013MT7QN1 DP3T, 3mm travel, Vertical, PC Thru-hole, Frame H=7.5mm, Tail L=2.2mm, Non shorting OS202013MT8QN1 DP3T, 3.2mm travel, Vertical, PC Thru-hole, Frame H=7.0mm, Tail L=2.5mm, Non shorting OS203013MT6QN1 DP3T, 3.2mm travel, Vertical, PC Thru-hole, Frame H=7.0mm, Tail L=2.5mm, Non shorting OS203013MT6QN1 DP3T, 3mm travel, Vertical, PC Thru-hole, Frame H=7.0mm, Tail L=2.9mm, Non shorting OS103012MU1QP1 SP3T, 2.5mm travel, Vertical, PC Thru-hole, Frame H=5.2mm, Tail L=3.7mm, Not specified OS103012MU2QP1 SP3T, 2.5mm travel, Vertical, PC Thru-hole, Frame H=5.2mm, Tail L=2.5mm, Not specified OS203012MU5QP1 DP3T, 2.5mm travel, Vertical, PC Thru-hole, Frame H=5.2mm, Tail L=3.7mm, Not specified OS202011MV4QN1 DPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, Non shorting OS202011MV4QS1 DPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, shorting OS203011MV9QS1 DP3T, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, Non shorting OS102011MA1QN1 SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting OS102011MA1QN1 SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting OS102011MA1QS1 SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, shorting OS102011MA1QS1 SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, shorting OS103011MA7QP1 SP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Not specified OS103011MA7QP1 SP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified OS103011MA2QP1 DP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified OS203011MA2QP1 DP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.7mm, Not specified OS203011MA2QP1 DP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.7mm, Not specified	OS203011MS1QP1	DP3T, 2mm travel, Vertical, PC Thru-hole, Frame H=4.7mm, Tail L=3.6mm, Not specified
OS202013MT8QN1 DPDT, 3.2mm travel, Vertical, PC Thru-hole, Frame H=70mm, Tail L=2.5mm, Non shorting OS203013MT8QN1 DP3T, 3.2mm travel, Vertical, PC Thru-hole, Frame H=7.0mm, Tail L=2.5mm, Non shorting OS203013MT6QN1 DP3T, 3mm travel, Vertical, PC Thru-hole, Frame H=7.0mm, Tail L=2.9mm, Non shorting OS103012MU1QP1 SP3T, 2.5mm travel, Vertical, PC Thru-hole, Frame H=5.2mm, Tail L=3.7mm, Not specified OS103012MU2QP1 SP3T, 2.5mm travel, Vertical, PC Thru-hole, Frame H=5.2mm, Tail L=2.5mm, Not specified OS203012MU5QP1 DP3T, 2.5mm travel, Vertical, PC Thru-hole, Frame H=5.2mm, Tail L=3.7mm, Not specified OS202011MV4QN1 DPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, Non shorting OS202011MV4QS1 DPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, shorting OS203011MV9QS1 DP3T, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, Non shorting OS203011MV9QN1 DP3T, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, Non shorting OS102011MA1QN1 SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting OS102011MA1QS1 SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, shorting OS102011MA1QS1 SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, shorting OS102011MA1QS1 SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Not specified OS103011MA7QP1 SP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified OS103011MA2QP1 DP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified OS203011MA2QP1 DP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified	OS202013MT5QN1	DPDT, 3mm travel, Vertical, PC Thru-hole, Frame H=7.0mm, Tail L=2.8mm, Non shorting
OS203013MT8ON1 DP3T, 3.2mm travel, Vertical, PC Thru-hole, Frame H=7.0mm, Tail L=2.5mm, Non shorting OS203013MT6ON1 DP3T, 3mm travel, Vertical, PC Thru-hole, Frame H=7.0mm, Tail L=2.9mm, Non shorting OS103012MU10P1 SP3T, 2.5mm travel, Vertical, PC Thru-hole, Frame H=5.2mm, Tail L=3.7mm, Not specified OS103012MU20P1 SP3T, 2.5mm travel, Vertical, PC Thru-hole, Frame H=5.2mm, Tail L=2.5mm, Not specified OS203012MU50P1 DP3T, 2.5mm travel, Vertical, PC Thru-hole, Frame H=5.2mm, Tail L=3.7mm, Not specified OS202011MV4QN1 DPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, Non shorting OS203011MV9QS1 DP3T, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, shorting OS203011MV9QN1 DP3T, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, Non shorting OS102011MA1QN1 SPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=2.8mm, Non shorting OS102011MA1QN1 SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting OS102011MA1QN1 SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, shorting OS102011MA1QS1 SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, shorting OS102011MA1QS1 SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified OS103011MA7QP1 SP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified OS203011MA2QP1 DP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified OS203011MA2QP1 DP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified	OS203013MT7QN1	DP3T, 3mm travel, Vertical, PC Thru-hole, Frame H=7.5mm, Tail L=2.2mm, Non shorting
OS203013MT6QN1 DP3T, 3mm travel, Vertical, PC Thru-hole, Frame H=7.0mm, Tail L=2.9mm, Non shorting OS103012MU1QP1 SP3T, 2.5mm travel, Vertical, PC Thru-hole, Frame H=5.2mm, Tail L=3.7mm, Not specified OS103012MU2QP1 SP3T, 2.5mm travel, Vertical, PC Thru-hole, Frame H=5.2mm, Tail L=2.5mm, Not specified OS203012MU5QP1 DP3T, 2.5mm travel, Vertical, PC Thru-hole, Frame H=5.2mm, Tail L=3.7mm, Not specified OS202011MV4QN1 DPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, Non shorting OS202011MV4QS1 DPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, shorting OS203011MV9QS1 DP3T, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, Non shorting OS203011MV9QN1 DP3T, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, Non shorting OS102011MA1QN1 SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting OS102011MA1QN1C SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting OS102011MA1QS1C SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, shorting OS102011MA1QS1C SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, shorting OS103011MA7QP1 SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified OS103011MA7QP1 SP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified OS203011MA2QP1 DP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.7mm, Not specified	OS202013MT8QN1	DPDT, 3.2mm travel, Vertical, PC Thru-hole, Frame H=7.0mm, Tail L=2.5mm, Non shorting
OS103012MU1QP1 SP3T, 2.5mm travel, Vertical, PC Thru-hole, Frame H=5.2mm, Tail L=3.7mm, Not specified OS203012MU5QP1 DP3T, 2.5mm travel, Vertical, PC Thru-hole, Frame H=5.2mm, Tail L=2.5mm, Not specified OS202011MV4QN1 DPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, Non shorting OS202011MV4QS1 DPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, shorting OS203011MV9QS1 DP3T, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, shorting OS203011MV9QN1 DP3T, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, Non shorting OS102011MA1QN1 SPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting OS102011MA1QN1 SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting OS102011MA1QS1 SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, shorting OS102011MA1QS1 SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, shorting OS102011MA1QS1 SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, shorting OS103011MA7QP1 SP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified OS203011MA2QP1 DP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified	OS203013MT8QN1	DP3T, 3.2mm travel, Vertical, PC Thru-hole, Frame H=7.0mm, Tail L=2.5mm, Non shorting
OS103012MU2QP1 SP3T, 2.5mm travel, Vertical, PC Thru-hole, Frame H=5.2mm, Tail L=2.5mm, Not specified OS203012MU5QP1 DP3T, 2.5mm travel, Vertical, PC Thru-hole, Frame H=5.2mm, Tail L=3.7mm, Not specified OS202011MV4QN1 DPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, Non shorting OS202011MV4QS1 DPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, shorting OS203011MV9QS1 DP3T, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, shorting OS203011MV9QN1 DP3T, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, Non shorting OS102011MA1QN1 SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting OS102011MA1QN1 SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting OS102011MA1QS1 SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, shorting OS102011MA1QS1 SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, shorting, High temperature resin OS103011MA7QP1 SP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified OS103011MA7QP1C SP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified OS203011MA2QP1 DP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.7mm, Not specified	OS203013MT6QN1	DP3T, 3mm travel, Vertical, PC Thru-hole, Frame H=7.0mm, Tail L=2.9mm, Non shorting
OS203012MU5QP1 DP3T, 2.5mm travel, Vertical, PC Thru-hole, Frame H=5.2mm, Tail L=3.7mm, Not specified DPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, Non shorting DPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, shorting DS203011MV9QS1 DP3T, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, shorting DS203011MV9QN1 DP3T, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, Non shorting DS102011MA1QN1 SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, shorting SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, shorting SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Not specified SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified SP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified, High temperature resin DP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.7mm, Not specified DP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.7mm, Not specified	OS103012MU1QP1	SP3T, 2.5mm travel, Vertical, PCThru-hole, Frame H=5.2mm, Tail L=3.7mm, Not specified
OS202011MV4QN1 DPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, Non shorting DPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, shorting OS203011MV9QS1 DP3T, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, shorting OS203011MV9QN1 DP3T, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, Non shorting OS102011MA1QN1 SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting OS102011MA1QN1C SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting OS102011MA1QS1 SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, shorting OS102011MA1QS1C SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, shorting, High temperature resin OS103011MA7QP1 SP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified OS103011MA7QP1 SP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified, High temperature resin DP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.7mm, Not specified	OS103012MU2QP1	SP3T, 2.5mm travel, Vertical, PCThru-hole, Frame H=5.2mm, Tail L=2.5mm, Not specified
OS202011MV4QS1 DPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, shorting DP3T, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, shorting OS203011MV9QN1 DP3T, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, Non shorting OS102011MA1QN1 SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting OS102011MA1QN1C SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting OS102011MA1QS1 SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, shorting OS102011MA1QS1C SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, shorting, High temperature resin OS103011MA7QP1 SP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified OS103011MA7QP1C SP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified, High temperature resin OS203011MA2QP1 DP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.7mm, Not specified	OS203012MU5QP1	DP3T, 2.5mm travel, Vertical, PC Thru-hole, Frame H=5.2mm, Tail L=3.7mm, Not specified
OS203011MV9QS1 DP3T, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, shorting OS203011MV9QN1 DP3T, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, Non shorting OS102011MA1QN1 SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting OS102011MA1QN1C SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting, High temperature resin OS102011MA1QS1 SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, shorting OS102011MA1QS1C SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, shorting, High temperature resin OS103011MA7QP1 SP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified OS103011MA7QP1C SP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified, High temperature resin OS203011MA2QP1 DP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.7mm, Not specified	OS202011MV4QN1	DPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, Non shorting
OS203011MV9QN1  DP3T, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, Non shorting OS102011MA1QN1  SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting OS102011MA1QN1C  SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting, High temperature resin OS102011MA1QS1  SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, shorting OS102011MA1QS1C  SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, shorting, High temperature resin OS103011MA7QP1  SP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified OS103011MA7QP1  SP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified, High temperature resin OS203011MA2QP1  DP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.7mm, Not specified	OS202011MV4QS1	DPDT, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, shorting
OS102011MA1QN1 SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting, High temperature resin OS102011MA1QS1 SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, shorting OS102011MA1QS1C SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, shorting, High temperature resin OS103011MA7QP1 SP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified OS103011MA7QP1C SP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified, High temperature resin OS203011MA2QP1 DP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.7mm, Not specified	OS203011MV9QS1	DP3T, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, shorting
OS102011MA1QN1C SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting, High temperature resin OS102011MA1QS1 SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, shorting SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, shorting, High temperature resin OS103011MA7QP1 SP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified OS103011MA7QP1C SP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified, High temperature resin OS203011MA2QP1 DP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.7mm, Not specified	OS203011MV9QN1	DP3T, 2mm travel, Vertical, PC Thru-hole, Frame H=8.5mm, Tail L=4.2mm, Non shorting
OS102011MA1QS1 SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, shorting OS102011MA1QS1C SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, shorting, High temperature resin OS103011MA7QP1 SP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified OS103011MA7QP1C SP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified, High temperature resin OS203011MA2QP1 DP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.7mm, Not specified	OS102011MA1QN1	SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting
OS102011MA1QS1C SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, shorting, High temperature resin OS103011MA7QP1 SP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified OS103011MA7QP1C SP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified, High temperature resin OS203011MA2QP1 DP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.7mm, Not specified	OS102011MA1QN1C	SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting, High temperature resin
OS103011MA7QP1 SP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified OS103011MA7QP1C SP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified, High temperature resin OS203011MA2QP1 DP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.7mm, Not specified	OS102011MA1QS1	SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, shorting
OS103011MA7QP1C SP3T, 2mm travel, Right angle, PCThru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified, High temperature resin DP3T, 2mm travel, Right angle, PCThru-hole, Frame H=4.7mm, Tail L=3.7mm, Not specified	OS102011MA1QS1C	SPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, shorting, High temperature resin
OS203011MA2QP1 DP3T, 2mm travel, Right angle, PCThru-hole, Frame H=4.7mm, Tail L=3.7mm, Not specified	OS103011MA7QP1	SP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified
	OS103011MA7QP1C	SP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.8mm, Not specified, High temperature resin
OS202011MA0QN1 DPDT, 2mm travel, Right angle, PCThru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting	OS203011MA2QP1	DP3T, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=3.7mm, Not specified
-	OS202011MA0QN1	DPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, Non shorting
OS202011MA0QS1 DPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, shorting	OS202011MA0QS1	DPDT, 2mm travel, Right angle, PC Thru-hole, Frame H=4.7mm, Tail L=2.8mm, shorting







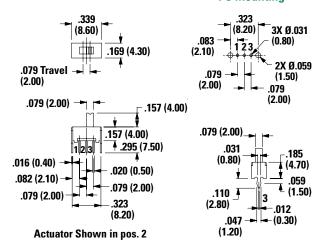
#### **OS102011MS2QN1 SPDT**

#### **Switch Function**

Part Number	ROHS Compliant	ROHS Compatible	POS.1	POS.2		
OS102011MS2QN1 (non-shorting)		No				
OS102011MS2QN1C <sup>1</sup> (non-shorting)	Yes	Yes		)n		
OS102011MS2QS1 (shorting)	res	No	Oll			
OS102011MS2QS1C <sup>1</sup> (shorting)	Yes					
Conn. Terminals		-	1-2	2-3		
Schematic, <b>SPDT</b> C 23						

Notes: Contact Rating: 0.1A @ 12 VDC

#### **PC Mounting**

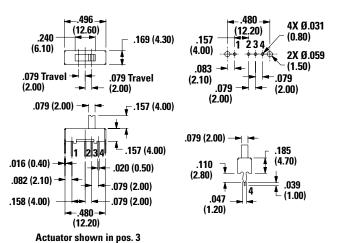


#### OS103011MS8QP1 SP3T

#### **Switch Function**

Part Number	ROHS Compliant	ROHS Compatible		POS.2	POS.3	
OS103011MS8QP1 (non-specified)	Yes	No		On		
OS103011MS8QP1C <sup>1</sup> (non-specified)	res	Yes		On		
Conn. Terminals		-	1-2	2-3	2-4	
Schematic, SP3T 1 C 234						

Notes: Contact Rating: 0.1A @ 12 VDC



<sup>1. &</sup>quot;C" option at the end of part number designates high temperature actuators

<sup>1. &</sup>quot;C" option at the end of part number designates high temperature actuators



**PC Mounting** 

.047

(1.20)



#### OS202011MS2QS1 DPDT

#### **Switch Function**

Part Number	ROHS Compliant	ROHS Compatible	POS.1	POS.2		
OS202011MS2QS1 (Shorting)	Yes	No		)n		
OS202011MS2QN1 (non-specified)	res	INO		Л		
Conn. Terminals		-	1-2, 4-5	2-3, 5-6		
Schematic, <b>DPDT</b> (1)2)3  (4)5)6  (5)						

Notes: Contact Rating: 0.1A @ 12 VDC

#### .339 (8.60) .083 (8.20)(2.10).268 (6.80) (0.80).098 .079 Travel 2X Ø.059 456 T ► .079 (2.00)(1.50)(2.00) .079 (2.00) (2.00)-.157 (4.00<u>)</u> .157 (4.00) .295 (7.50) .079 (2.00) .185 .016 (0.40) (4.70) .020 (0.50) .082 (2.10) .110 (2.80) .079 (2.00)

.323 (8.20)

Actuator Shown in pos. 2

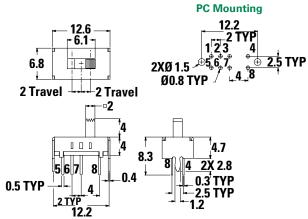
#### OS203011MS1QP1 DP3T

.079 (2.00)

#### **Switch Function**

Part Number	ROHS Compliant	ROHS Compatible	POS.1	POS.2	POS.3
OS103011MS8QP1 (non-specified)	Yes	No		On	
Conn. Terminals		-	1-3, 5-7	2-3, 6-7	3-4, 7-8
Sche	ematic, <b>DP3</b>	123 87 567	4		

Notes: Contact Rating: 0.3A @ 30 VDC



**Actuator Shown in POS. 3** 





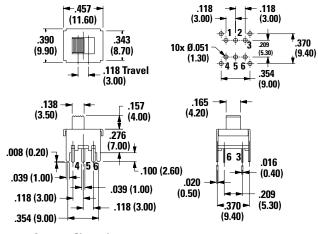
#### OS202013MT5QN1 DPDT

#### **Switch Function**

Part Number	ROHS Compliant	ROHS Compatible	POS.1	POS.2
OS202013MT5QN1 (Non-shorting)	Yes	No	C	)n
Conn. Terminals		-	1-2, 4-5	2-3, 5-6
Sche	ematic, <b>DP</b> E	C 123 1111 1111 456 C		

Notes: Contact Rating: 0.3A @ 30 VDC

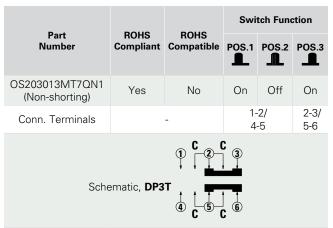
#### **PC Mounting**



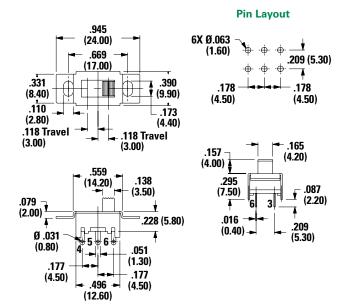
**Actuator Shown in pos. 1** 

#### **OS203013MT7QN1 DP3T**

#### **Switch Function**



Notes: Contact Rating: 0.3A @ 30 VDC







#### OS202013MT8QN1 DPDT

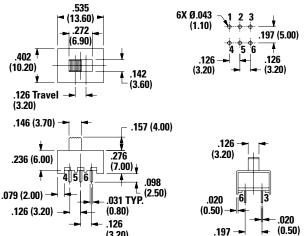
#### **Switch Function**

#### POS.1 POS.2 ROHS ROHS Part **Compliant Compatible** Number OS202013MT8QN1 Yes No On (Non-shorting) Conn. Terminals 1-2, 4-5 2-3, 5-6 Schematic, **DPDT**

Notes: Contact Rating: 0.3A @ 30 VDC

#### **PC Mounting**

(5.00)



(3.20)

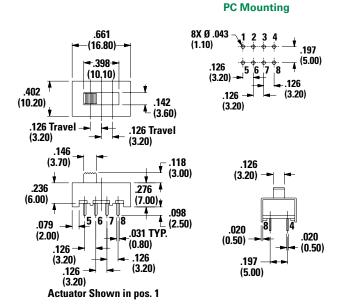
Actuator Shown in pos. 1

#### **OS203013MT8QN1 DP3T**

#### **Switch Function**

Part Number	ROHS Compliant	ROHS Compatible	POS.1	POS.2	POS.3	
OS203013MT8QN1 (Non-shorting)	Yes	No		On		
Conn. Terminals		-		-2/ -6	3-4, 7-8	
Schematic, <b>DP3T</b> (5) (6) (7) (8)						

Notes: Contact Rating: 0.3A @ 30 VDC





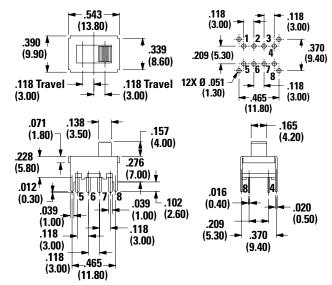
#### **OS203013MT6QN1 DP3T**

#### **Switch Function**

Part Number	ROHS Compliant	ROHS Compatible	POS.1	POS.2	POS.3	
OS203013MT6QN1 (Non-shorting)	Yes	No		On		
Conn. Terminals		-	1-2/ 5-6	2-3, 6-7	3-4, 7-8	
1234 Schematic, <b>DP3T</b> 5678						

Notes: Contact Rating: 0.2A @ 30 VDC

#### **PC Mounting**



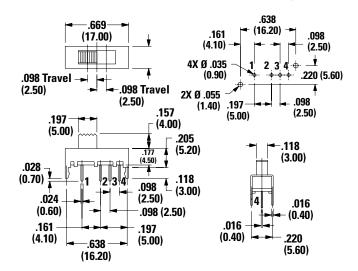
**Actuator Shown in pos. 3** 

#### OS103012MU1QP1 SP3T

#### **Switch Function**

Part Number	ROHS Compliant	ROHS Compatible	POS.1	POS.2	POS.3	
OS103012MU1QP1 (Non-shorting)	Yes	No		On		
Conn. Terminals		-	1-2/ 5-6	2-3/ 6-7	2-4/ 6-8	
Schematic, SP3T (C234)						

Notes: Contact Rating: 0.2A @ 30 VDC





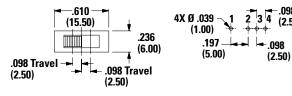


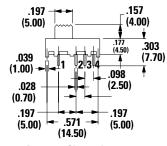
#### **Switch Function**

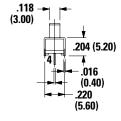
Part Number	ROHS Compliant	ROHS Compatible	POS.1	POS.2	POS.3	
OS103012MU2QP1 (Non-shorting)	Yes	No		On		
Conn. Terminals		-	1-2	2-3	2-4	
Schematic, <b>SP3T</b> 1 234						

Notes: Contact Rating: 0.2A @ 30 VDC

#### **PC Mounting**





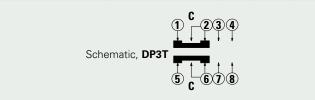


Actuator Shown in pos. 1

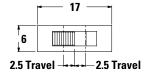
#### OS203012MU5QP1 DP3T

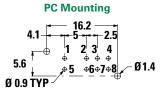
#### **Switch Function**

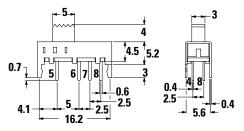
OWITCH I UNICTION						
Part Number	ROHS Compliant	ROHS Compatible	POS.1	POS.2	POS.3	
OS203012MU5QP1 (Non-specified)	Yes	No		On		
Conn. Terminals	-		1-2	2-3	2-4	
C 220						



Notes: Contact Rating: 0.1A @ 30 VDC







**Actuator Shown in POS. 1** 



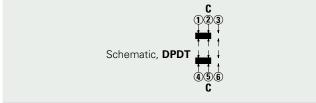




#### OS202011MV4QN1 DPDT

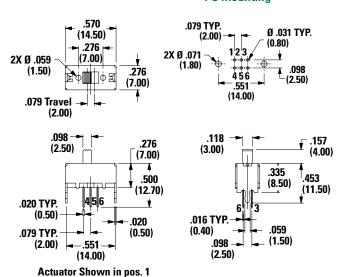
#### **Switch Function**

Part Number	ROHS Compliant	ROHS Compatible	POS.1	POS.2	
OS202011MV4QN1 (Non-shorting)	Vaa	No		) m	
OS202011MV4QS1 (Shorting)	Yes	INO	On		
Conn. Terminals		-	1-2, 4-5	2-3, 5-6	
		C 123			



Notes: Contact Rating: 0.1A @ 30 VDC

#### **PC Mounting**

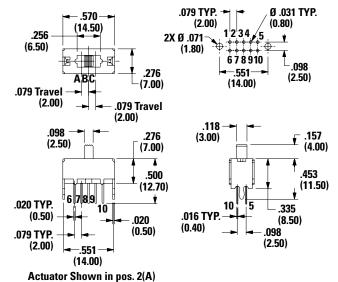


#### OS203011MV9QS1 DP3T

#### **Switch Function**

Part Number	ROHS Compliant	ROHS Compatible	POS.1	POS.2	POS.3	
OS203011MV9QS1 (Shorting)	Yes	No		On		
OS203011MV9QN1 (Non-shorting)	100	110		011		
Conn. Terminals		-	1-2-5 6-7-10	1-3-5 6-8-10	1-4-5 6-9-10	
C						

Notes: Contact Rating: 0.1A @ 30 VDC







#### **OS102011MA1QN1 SPDT**

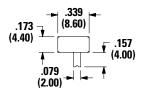
#### **Switch Function**

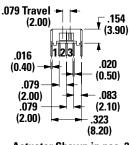
Part Number	ROHS Compliant	ROHS Compatible	POS.1	POS.2	
OS102011MA1QN1 (Non-shorting)		No			
OS102011MA1QN1C <sup>1</sup> (Non-shorting)	V	Yes		) in	
OS102011MA1QS1 (Shorting)	Yes	No	C	)n	
OS102011MA1QS1C <sup>1</sup> (Shorting)		Yes			
Conn. Terminals		-	1-2	2-3	
		C			

Schematic, SPDT

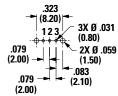
Notes: Contact Rating: 0.1A @ 12 VDC

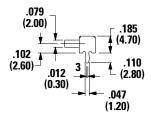
1. "C" option at the end of part number designates high temperature actuators





### **PC Mounting**





**Actuator Shown in pos. 2** 

#### **OS103011MA7QP1 SP3T**

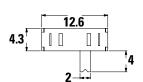
#### **Switch Function**

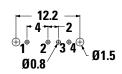
Part Number	ROHS Compliant	ROHS Compatible	POS.1	POS.2	POS.3
OS103011MA7QP1 (Non-specified)	Yes	No		On	
OS103011MA7QP1C <sup>1</sup> (Non-specified)	res	NO		OII	
Conn. Terminals		-	1-2	2-3	2-4

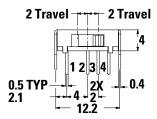


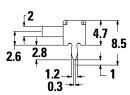
Notes: Contact Rating: 0.1A @ 12 VDC

 $\textbf{1.}\ \text{``C''}$  option at the  $\overset{\smile}{\text{end}}$  of part number designates high temperature actuators













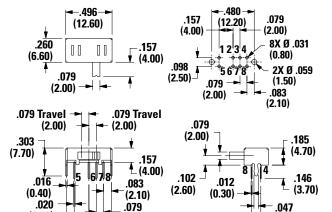
#### **OS203011MA2QP1 DP3T**

#### **Switch Function**

Part Number	ROHS Compliant	ROHS Compatible	POS.1	POS.2	POS.3	
OS203011MA2QP1 (Non-specified)	Yes	No		On		
Conn. Terminals		-	1-2, 5-6	2-3, 6-7	2-4, 6-8	
C 2 3 4 Schematic, <b>DP3T</b>						

Notes: Contact Rating: 0.1A @ 12 VDC

## **PC Mounting**



(2.00)

.079

(2.00)

(12.20)**Actuator Shown in pos. 3** 

.480\_

(0.50)

.158

(4.00)

#### OS202011MA0QN1 DPDT

#### **Switch Function**

Part Number	ROHS Compliant	ROHS Compatible	POS.1	POS.2		
OS202011MA0QN1 (Non-shorting)	Yes	No		)n		
OS202011MA0QS1 (Shorting)	162	NO		)		
Conn. Terminals	- 1-2, 4-5 2-3, 5					
C ①②③  DPDT  ④⑤⑥ C						

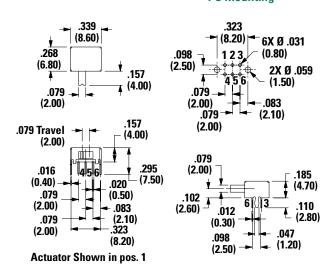
Notes: Contact Rating: 0.1A @ 12 VDC

#### **PC Mounting**

.098

(2.50)

(1.20)



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