

OS Series Miniature Slide Switches

Features/Benefits

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

Typical Applications

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



Specifications

CONTACT RATING: See individual parts.
MECHANICAL & ELECTRICAL LIFE: 10,000 cycles.
CONTACT RESISTANCE: 20 m Ω or less.
INSULATION RESISTANCE: 100 M Ω min. at 500 VDC.
DIELECTRIC STRENGTH: 500 VAC for 1 minute.
OPERATING TEMPERATURE: -30°C to +70°C.
PACKAGING: Bulk

* For RoHS compatible switches contact customer service.

Materials

BASE: Phenolic resin.
ACTUATOR: Standard: POM, Black.
High Temperature Option: PA46, Black.
HOUSING PLATE: Non-compatible; SPCC Sn plated.
Compatible; SPCC Ni plated.
MOVABLE CONTACT: Copper alloy, silver plated.
STATIONARY CONTACTS: Brass, silver plated.
TERMINALS: Brass, silver plated.
TERMINAL SEALED.

NOTE: Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, consult Customer Service Center.

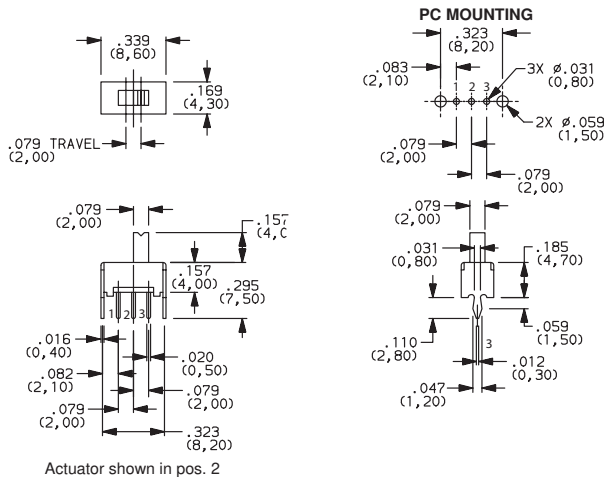
How To Order

Complete part numbers for OS Series Slide Switches are shown on pages I-37 through I-43.

PART NUMBER			SWITCH FUNCTION	
	RoHS Compliant	RoHS Compatible	POS.1	POS.2
OS102011MS2QN1 (non-shortng)	YES	NO	ON	ON
OS102011MS2QN1C* (non-shortng)	YES	YES	ON	ON
OS102011MS2QS1 (shortng)	YES	NO	ON	ON
OS102011MS2QS1C* (shortng)	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

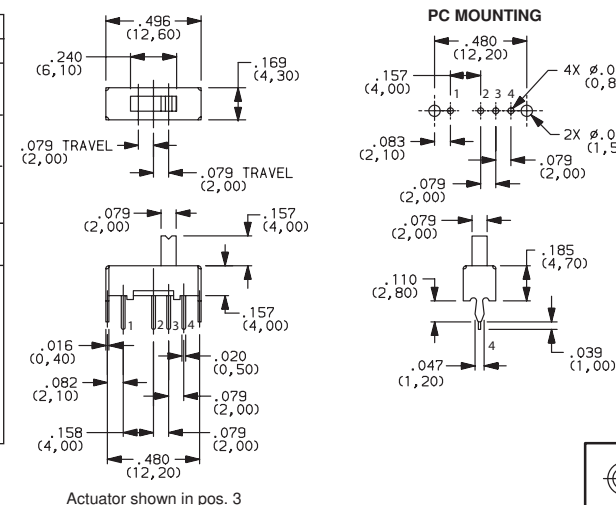


OS102011MS2QN1
SPDT

PART NUMBER			SWITCH FUNCTION		
	ROHS Compliant	ROHS Compatible	POS.1	POS.2	POS.3
OS103011MS8QP1 (Non-specified)	YES	NO	ON	ON	ON
OS103011MS8QP1C* (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



OS103011MS8QP1
SP3T



Third Angle
Projection

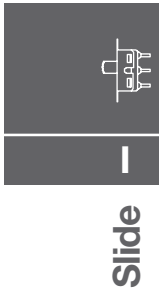
Dimensions are shown: Inches (mm)
Specifications and dimensions subject to change



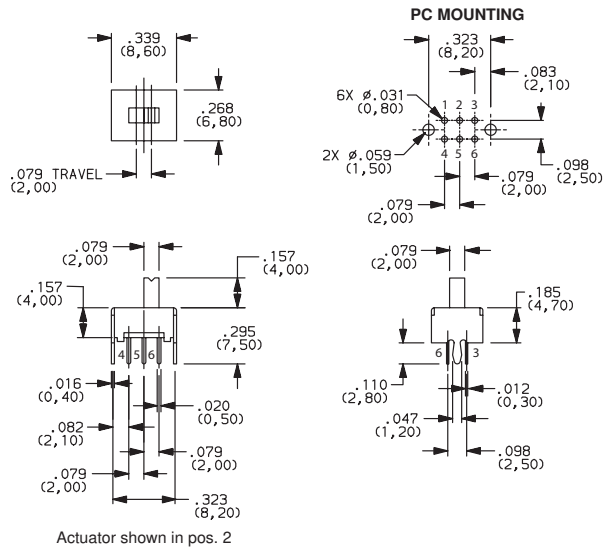
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OS Series

Miniature Slide Switches



OS202011MS2QS1
DPDT

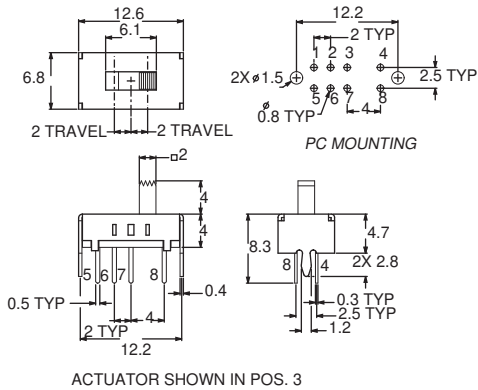


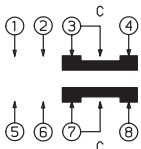
PART NUMBER			SWITCH FUNCTION	
	RoHS Compliant	RoHS Compatible	POS.1	POS.2
OS202011MS2QS1 (Shorting)	YES	NO		
OS202011MS2QN1 (Non-shorting)	YES	NO	ON	ON
CONN. TERMINALS			1-2, 4-5	2-3, 5-6
SCHEMATIC				
				
DPDT				

CONTACT RATING: 0.1A @ 12 VDC



OS203011MS1QP1
DP3T

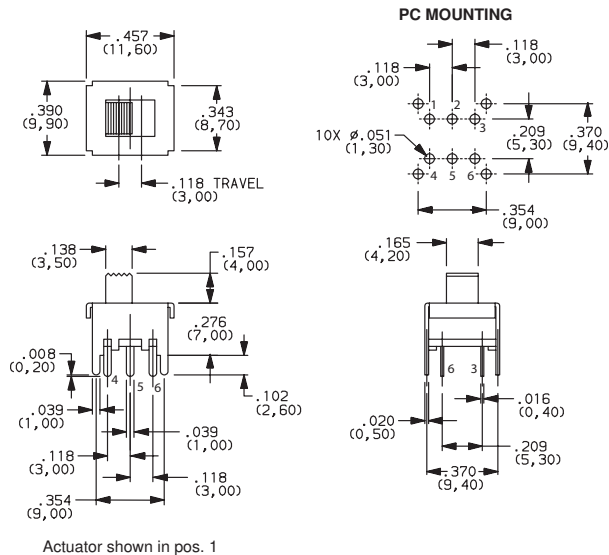


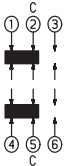
PART NUMBER			SWITCH FUNCTION		
	ROHS Compliant	ROHS Compatible	POS.1	POS.2	POS.3
OS203011MS1QP1 (Non-specified)	YES	NO			
CONN. TERMINALS			1-3, 5-7	2-3, 6-7	3-4, 7-8
SCHEMATIC					
					
DP3T					

CONTACT RATING: 0.3A @ 30 VDC



OS202013MT5QN1
DPDT



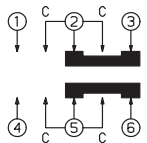
PART NUMBER			SWITCH FUNCTION	
			POS.1	POS.2
	RoHS Compliant	RoHS Compatible		
OS202013MT5QN1 (Non-shorting)	YES	NO	ON	ON
CONN. TERMINALS			1-2, 4-5	2-3, 5-6
SCHEMATIC				
				
DPDT				

CONTACT RATING: 0.3A @ 30 VDC

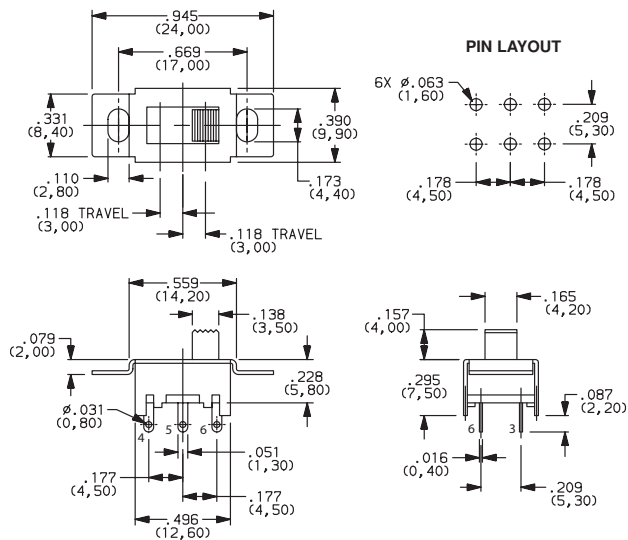


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PART NUMBER			SWITCH FUNCTION		
	ROHS Compliant	ROHS Compatible	POS.1	POS.2	POS.3
OS203013MT7QN1 (Non-shorting)	YES	NO	ON	OFF	ON
CONN. TERMINALS			1-2, 4-5		2-3, 5-6
SCHEMATIC					
					
DP3T					

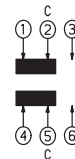
CONTACT RATING: 0.3A @30 VDC



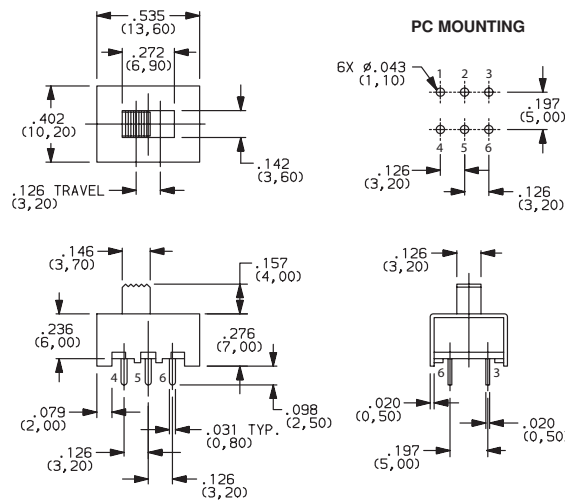
OS203013MT7QN1
DP3T



Slide

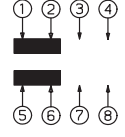
PART NUMBER			SWITCH FUNCTION	
	RoHS Compliant	RoHS Compatible	POS.1	POS.2
OS202013MT8QN1 (Non-shorting)	YES	NO	ON	ON
CONN. TERMINALS			1-2, 4-5	2-3, 5-6
SCHEMATIC				
				
DPDT				

CONTACT RATING: 0.3A @30 VDC

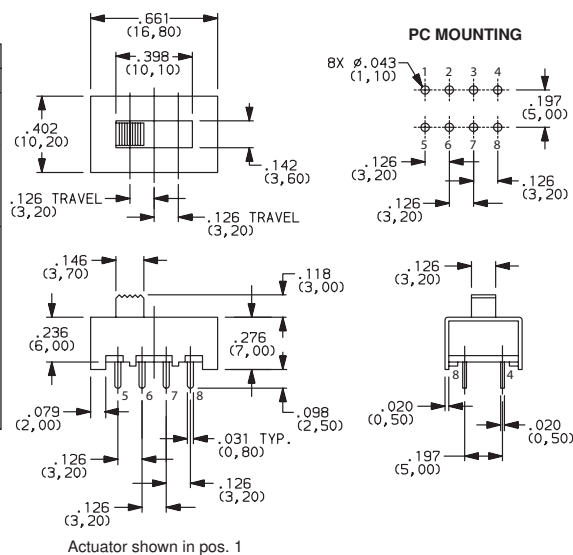


OS202013MT8QN1
DPDT

Actuator shown in pos. 1

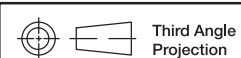
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	ROHS Compliant	ROHS Compatible	POS.1	POS.2	POS.3
OS203013MT8QN1 (Non-shorting)	YES	NO	ON	ON	ON
CONN. TERMINALS			1-2, 5-6	2-3, 6-7	3-4, 7-8
SCHEMATIC					
					
DP3T					

CONTACT RATING: 0.3A @30 VDC



OS203013MT8QN1
DP3T

Actuator shown in pos. 1



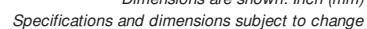
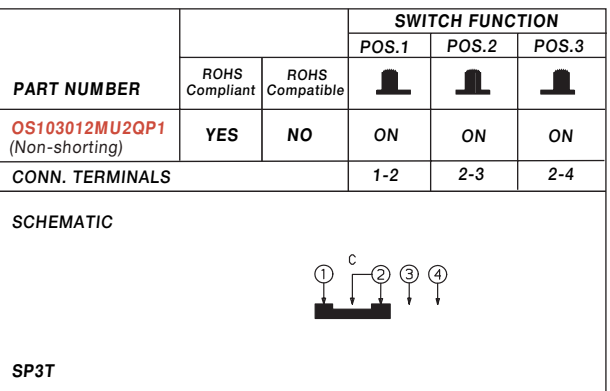
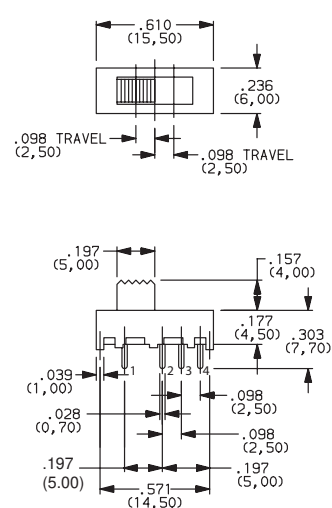
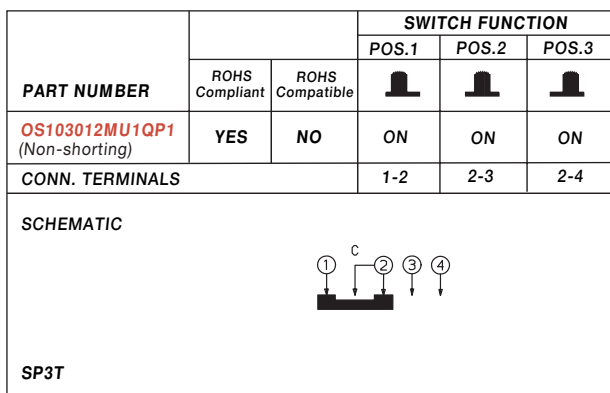
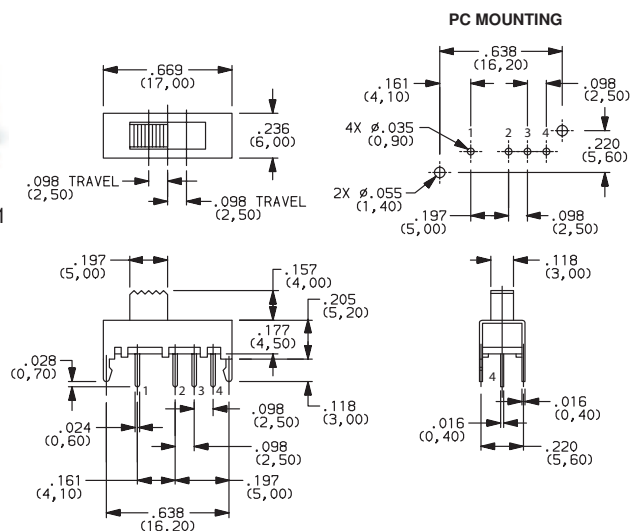
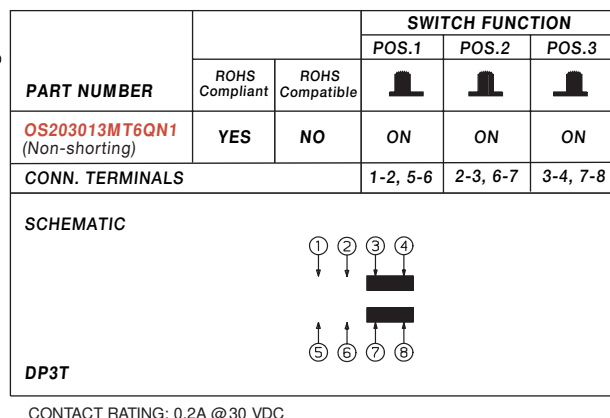
Third Angle Projection

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



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Slide



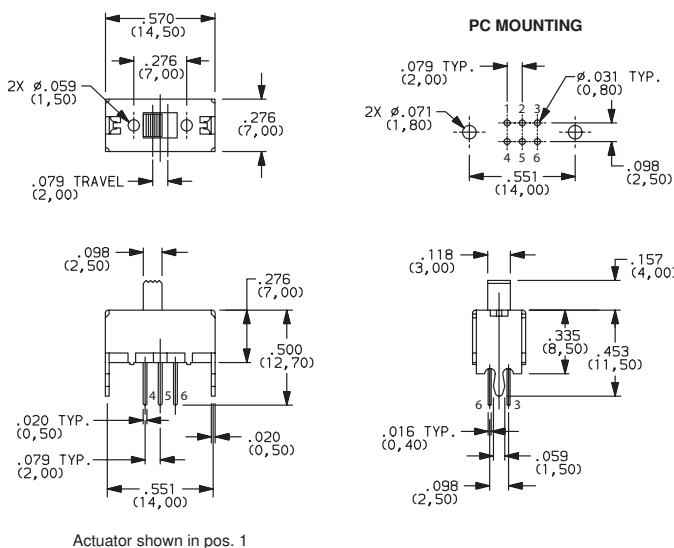
Slide

CONTACT RATING: 0.1A @30 VDC



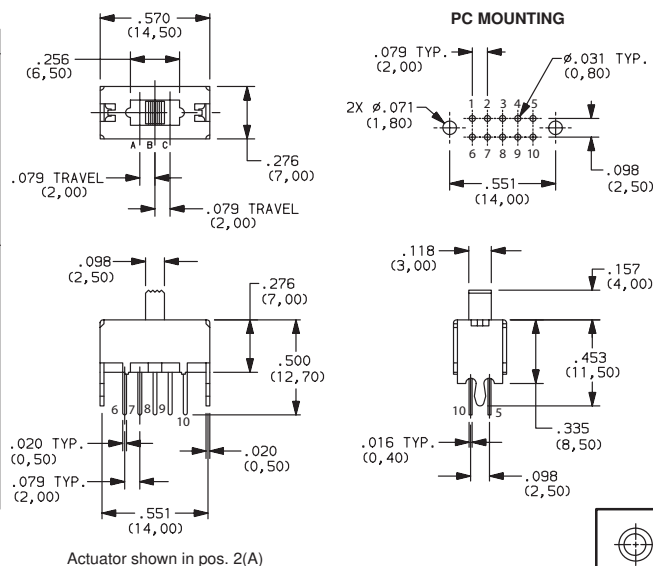
OS203012MU5QP1
DP3T

CONTACT RATING: 0.1A @30 VDC

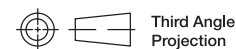


OS202011MV4QN1
DPDT

CONTACT RATING: 0.1A @30 VDC



OS203011MV9QS1
DP3T

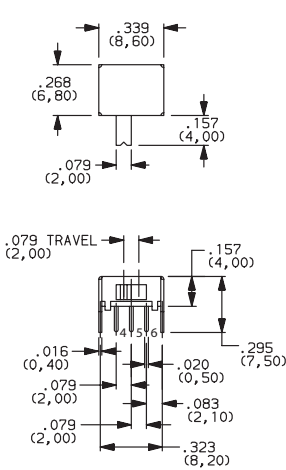


Dimensions are shown: Inches (mm)
Specifications and dimensions subject to change

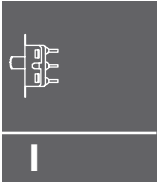
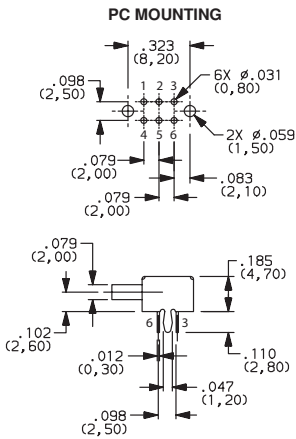
OS Series Miniature Slide Switches

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

CONTACT RATING: 0.1A @ 12 VDC



Actuator shown in pos. 1



Slide