

C&K OS Series Miniature Slide Switches

Features/Benefits

- Variety of actuators & terminations
- PC and panel mounting
- Gold or silver plating available
- Shorting or non-shortening contacts
- RoHS compliant

Typical Applications

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



Slide

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: -10°C to +70°C.
 PACKAGING: Bulk

* For RoHS compatible switches contact customer service.

Materials

BASE: Phenolic resin.
 ACTUATOR: POM, black.
 HOUSING PLATE: SPCC Sn plated.
 MOVABLE CONTACT: Copper alloy, silver plated or gold.
 STATIONARY CONTACTS: Brass, silver plated.
 TERMINALS: Brass, silver plated (Gold plate - Contact customer service).
 TERMINAL SEAL: None.

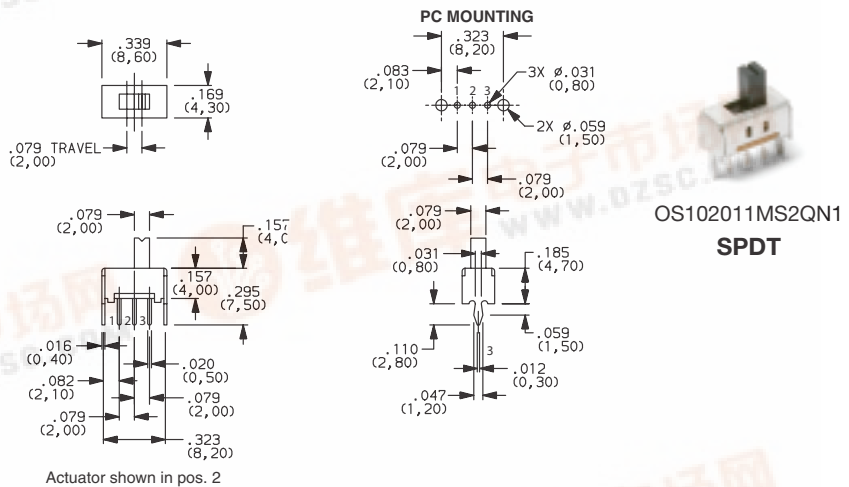
NOTE: For the latest information regarding RoHS compliance, please go to: www.itccannon.com/rohs.

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

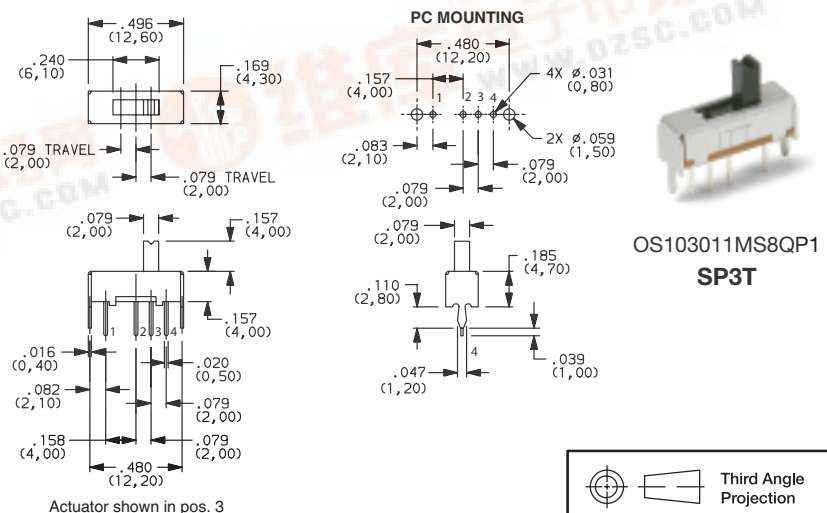
How To Order

Complete part numbers for OS Series Slide Switches are shown on pages J-36 through J-42.

PART NUMBER	SWITCH FUNCTION	
	POS. 1	POS. 2
OS102011MS2QN1 (Non-shorting)	ON	ON
OS102011MS2QS1 (Shorting)	ON	ON
CONN. TERMINALS	1-2	2-3
SCHEMATIC		
SPDT		
CONTACT RATING: 0.1A @ 12 VDC		



PART NUMBER	SWITCH FUNCTION		
	POS. 1	POS. 2	POS. 3
OS103011MS8QP1 (Non-specified)	ON	ON	ON
CONN. TERMINALS	1-2	2-3	2-4
SCHEMATIC			
SP3T			
CONTACT RATING: 0.1A @ 12 VDC			



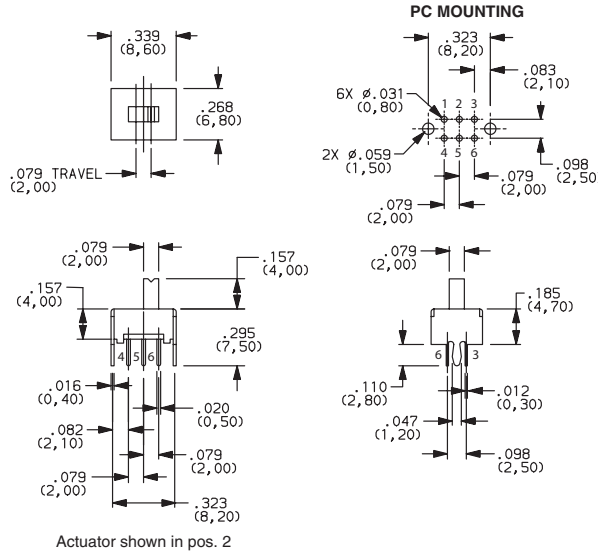
Dimensions are shown: Inch (mm)
 Specifications and dimensions subject to change



C&K OS Series Miniature Slide Switches



OS202011MS2QS1
DPDT



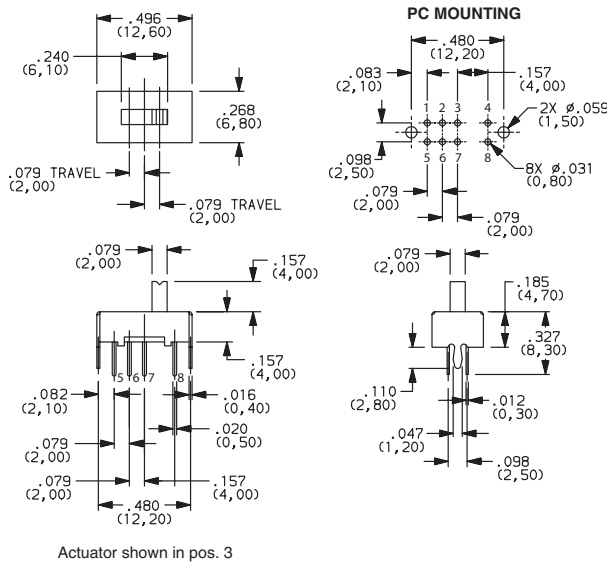
PART NUMBER	SWITCH FUNCTION	
	POS.1	POS. 2
OS202011MS2QS1 (Shorting)	ON	ON
OS202011MS2QN1 (Non-shorting)	ON	ON
CONN. TERMINALS	1-2,4-5	2-3,5-6
SCHEMATIC		
DPDT		
CONTACT RATING: 0.1A @ 12 VDC		



Side



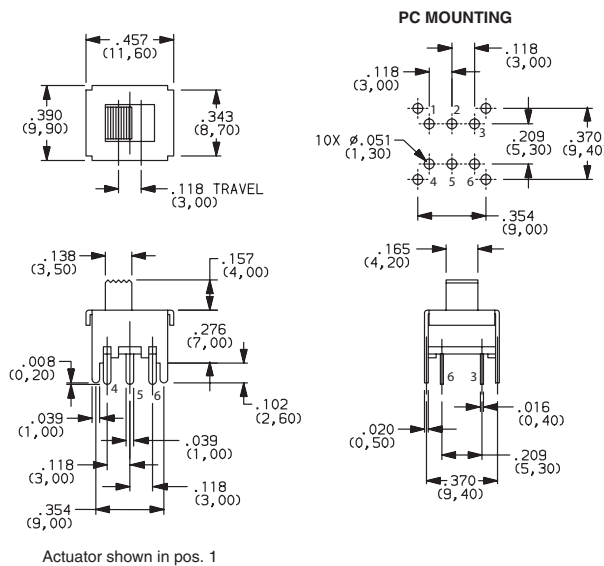
OS203011MS1QP1
DP3T



PART NUMBER	SWITCH FUNCTION		
	POS.1	POS. 2	POS. 3
OS203011MS1QP1 (Non-specified)	ON	ON	ON
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
OS202013MT5QN1 (Non-shorting)	ON	ON
CONN. TERMINALS	1-2,4-5	2-3,5-6
SCHEMATIC		
DPDT		
CONTACT RATING: 0.3A @ 30 VDC		



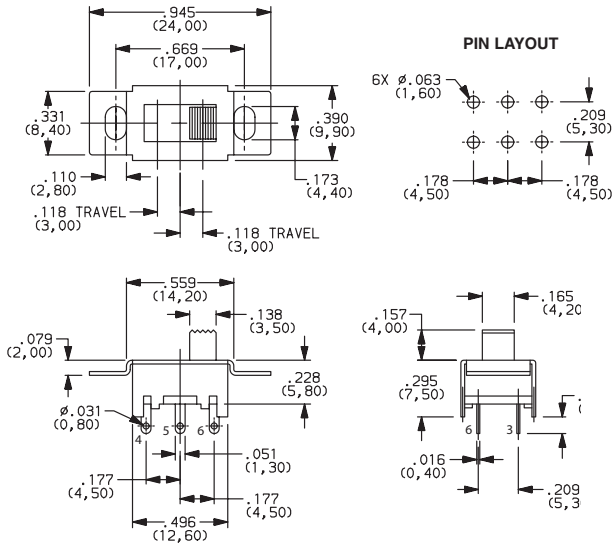
Third Angle Projection

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

C&K OS Series Miniature Slide Switches

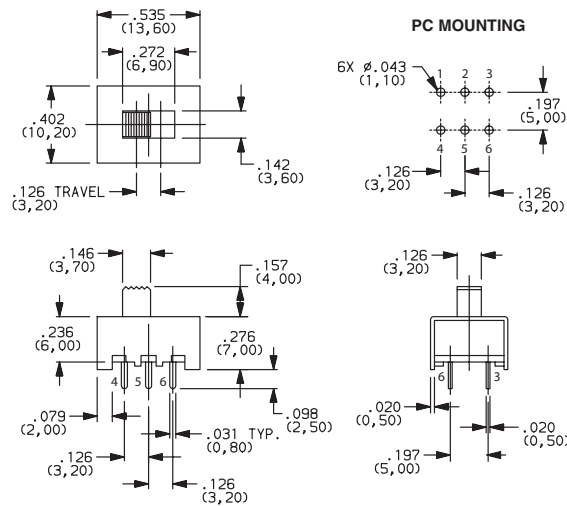
Slide

PART NUMBER	SWITCH FUNCTION		
	POS.1	POS. 2	POS. 3
OS203013MT7QN1 (Non-shorting)	ON	OFF	ON
CONN. TERMINALS	1-2,4-5		2-3,5-6
SCHEMATIC			
DP3T			
CONTACT RATING: 0.3A @ 30 VDC			



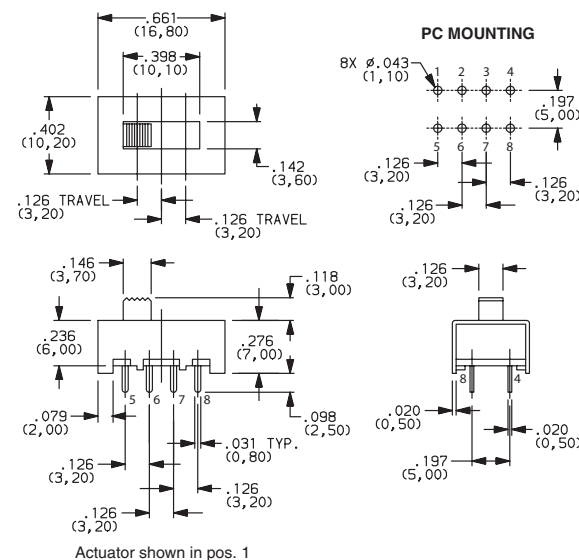
OS203013MT7QN1
DP3T

PART NUMBER	SWITCH FUNCTION	
	POS.1	POS. 2
OS202013MT8QN1 (Non-shorting)	ON	ON
CONN. TERMINALS	1-2,4-5	2-3,5-6
SCHEMATIC		
DPDT		
CONTACT RATING: 0.3A @ 30 VDC		



OS202013MT8QN1
DPDT

PART NUMBER	SWITCH FUNCTION		
	POS.1	POS. 2	POS. 3
OS203013MT8QN1 (Non-shorting)	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			

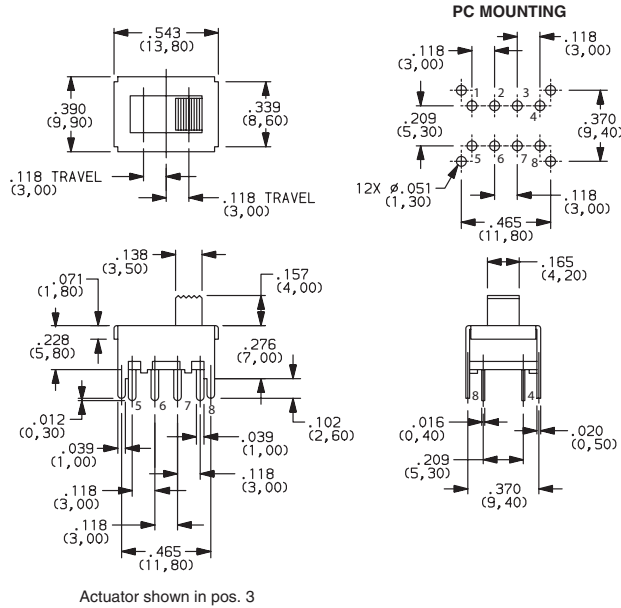


OS203013MT8QN1
DP3T

C&K OS Series Miniature Slide Switches



OS203013MT6QN1
DP3T



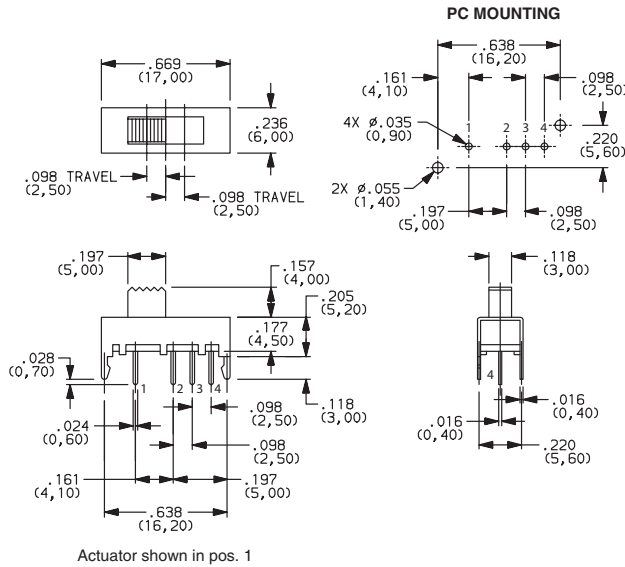
PART NUMBER	SWITCH FUNCTION		
	POS.1	POS. 2	POS. 3
OS203013MT6QN1 (Non-shorting)	ON	ON	ON
CONN. TERMINALS	1-2,5-6	2-3,6-7	3-4,7-8
SCHEMATIC			
DP3T			
CONTACT RATING: 0.2A @ 30 VDC			



Side



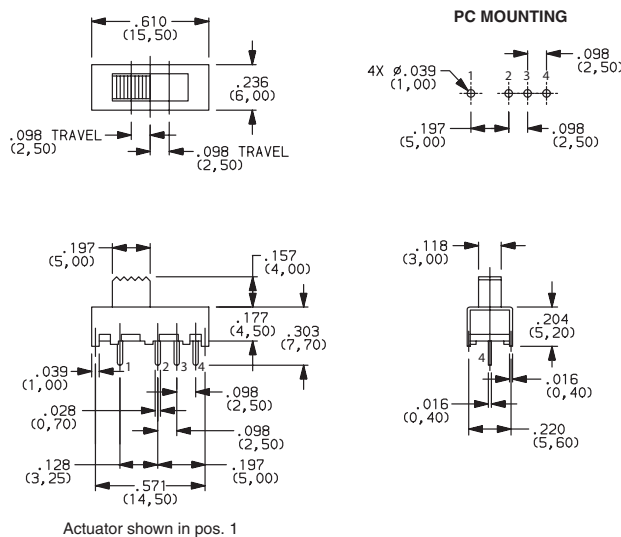
OS103012MU1QP1
SP3T



PART NUMBER	SWITCH FUNCTION		
	POS.1	POS. 2	POS. 3
OS103012MU1QP1 (Non-shorting)	ON	ON	ON
CONN. TERMINALS	1-2	2-3	2-4
SCHEMATIC			
SP3T			
CONTACT RATING: 0.2A @ 30 VDC			



OS103012MU2QP1
SP3T

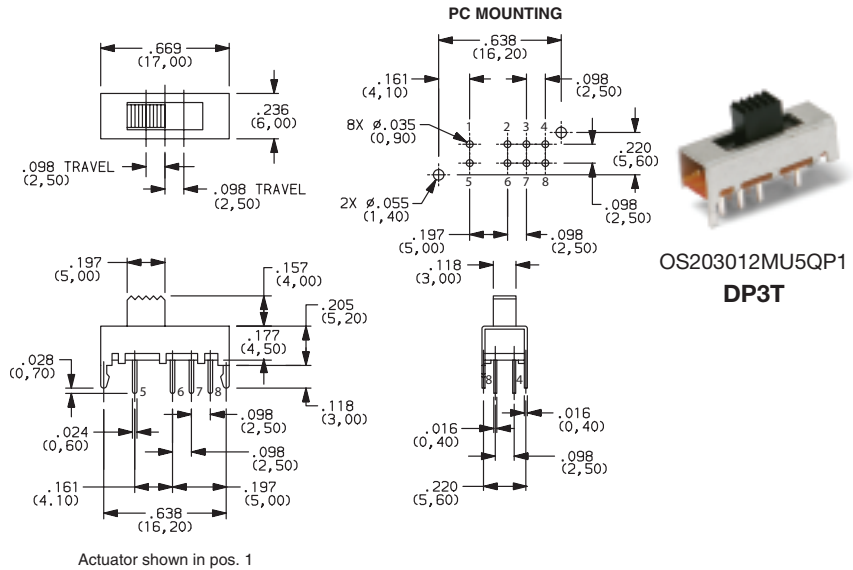


PART NUMBER	SWITCH FUNCTION		
	POS.1	POS. 2	POS. 3
OS103012MU2QP1 (Non-shorting)	ON	ON	ON
CONN. TERMINALS	1-2	2-3	2-4
SCHEMATIC			
SP3T			
CONTACT RATING: 0.2A @ 30 VDC			

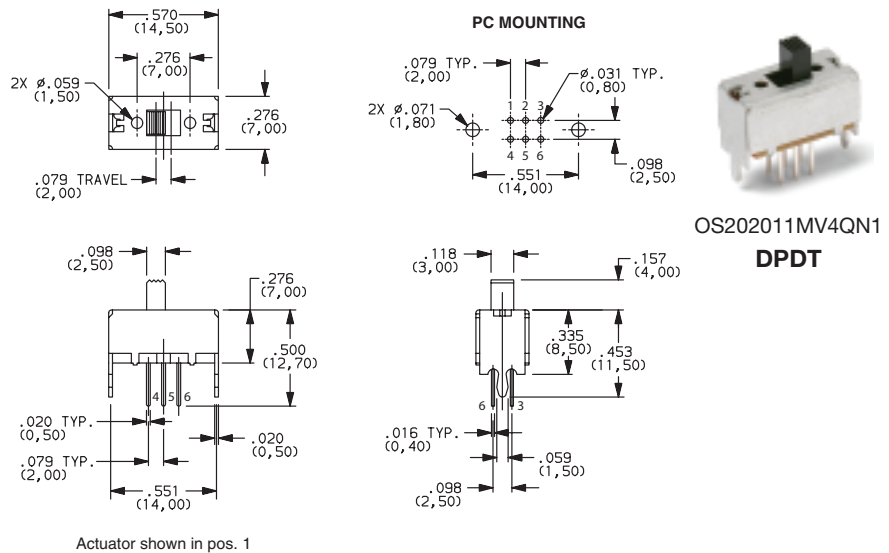
C&K OS Series Miniature Slide Switches

Slide

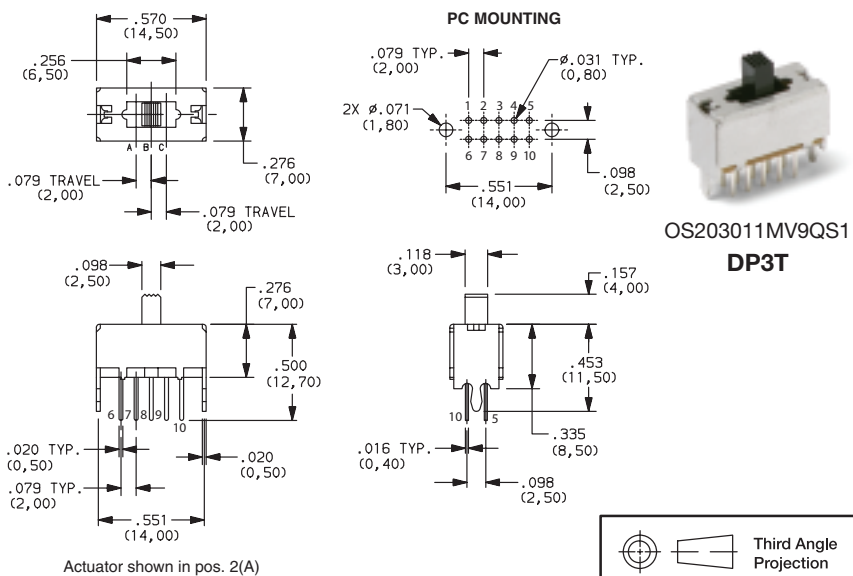
PART NUMBER	SWITCH FUNCTION		
	POS.1	POS. 2	POS. 3
OS203012MU5QP1 (Non-specified)			
CONN. TERMINALS	1-2,5-6	2-3,6-7	2-4,6-8
SCHMATIC			
DP3T			
CONTACT RATING: 0.1A @ 30 VDC			



PART NUMBER	SWITCH FUNCTION	
	POS.1	POS. 2
OS202011MV4QN1 (Non-shorting)		
OS202011MV4QS1 (Shorting)		
CONN. TERMINALS	1-2,4-5	2-3,5-6
SCHMATIC		
DPDT		
CONTACT RATING: 0.1A @ 30 VDC		



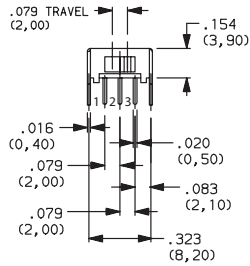
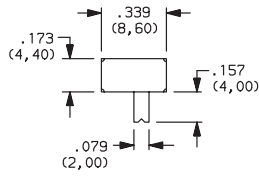
PART NUMBER	SWITCH FUNCTION		
	POS.1	POS. 2	POS. 3
OS203011MV9QS1 (Shorting)			
OS203011MV9QN1 (Non-shorting)			
CONN. TERMINALS	1-2-5, 6-7-10	1-3-5, 6-8-10	1-4-5, 6-9-10
SCHMATIC			
DP3T			
CONTACT RATING: 0.1A @ 30 VDC			



C&K OS Series Miniature Slide Switches

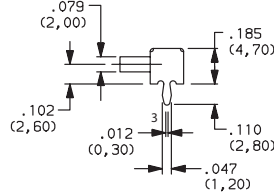
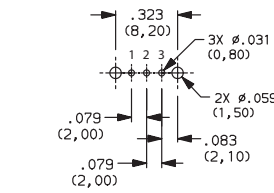


OS102011MA1QN1
SPDT



Actuator shown in pos. 2

PC MOUNTING



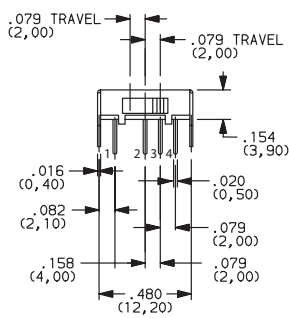
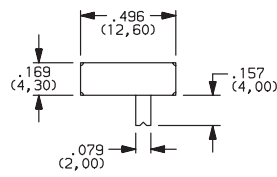
PART NUMBER	SWITCH FUNCTION	
	POS.1	POS. 2
OS102011MA1QN1 (Non-shorting)		
OS102011MA1QS1 (Shorting)		
CONN. TERMINALS	1-2	2-3
SCHEMATIC		
SPDT		
CONTACT RATING: 0.1A @ 12 VDC		



Side

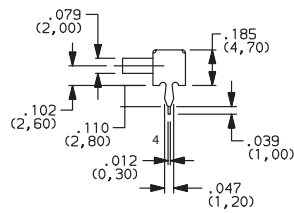
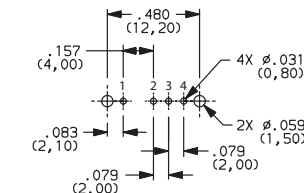


OS103011MA7QP1
SP3T



Actuator shown in pos. 3

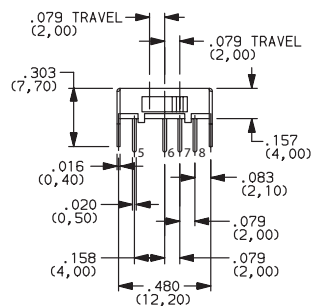
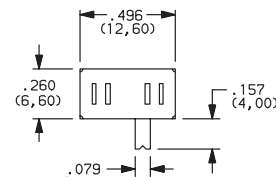
PC MOUNTING



PART NUMBER	SWITCH FUNCTION		
	POS.1	POS. 2	POS. 3
OS103011MA7QP1 (Non-specified)			
CONN. TERMINALS	1-2	2-3	2-4
SCHEMATIC			
SP3T			
CONTACT RATING: 0.1A @ 12 VDC			

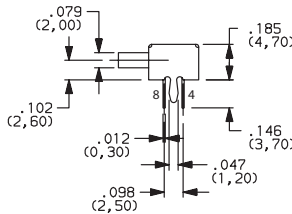
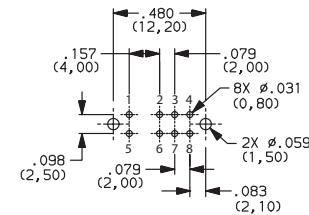


OS203011MA2QP1
DP3T



Actuator shown in pos. 3

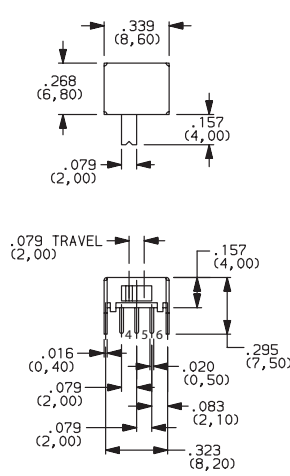
PC MOUNTING



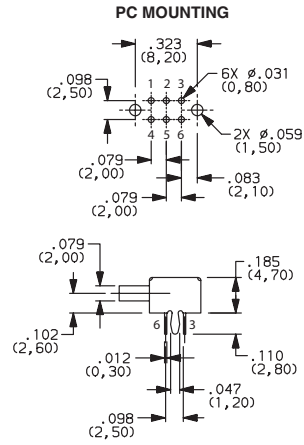
PART NUMBER	SWITCH FUNCTION		
	POS.1	POS. 2	POS. 3
OS203011MA2QP1 (Non-specified)			
CONN. TERMINALS	1-2,5-6	2-3,6-7	2-4,6-8
SCHEMATIC			
DP3T			
CONTACT RATING: 0.1A @ 12 VDC			

C&K OS Series Miniature Slide Switches

PART NUMBER	SWITCH FUNCTION	
	POS. 1	POS. 2
OS202011MA0QN1 (Non-shorting)	ON	ON
OS202011MA0QS1 (Shorting)	ON	ON
CONN. TERMINALS	1-2,4-5	2-3,5-6
SCHMATIC		
DPDT		
CONTACT RATING: 0.1A @ 12 VDC		



Actuator shown in pos. 1



OS202011MA0QN1
DPDT



Slide