

# EDCON-COMPONENTS



**SPECIFICATIONS :** Slide switches are known for providing selection of two or more switch positions for engagement of respective switch contacts. Electrical slide switches have long been used to control the operation of many devices, including volume and other controls for audio & video equipment, dimmer controls for lights among a multitude of other daily electrical products. Such slide switches have also been used for controlling the operating speed of many kinds of variable speed hand tools. In electrical slide switches a slide member is slidably repositionable to affect a switching action.

### Contact Material Silver plated Code 1

Fixed Terminal: Silver plated over copper alloy  
 Moving Contact: Silver plated over copper alloy  
 Contact Rating: 3A with resistive load 120VAX or 28VDC  
 1A with resistive load 250VAC

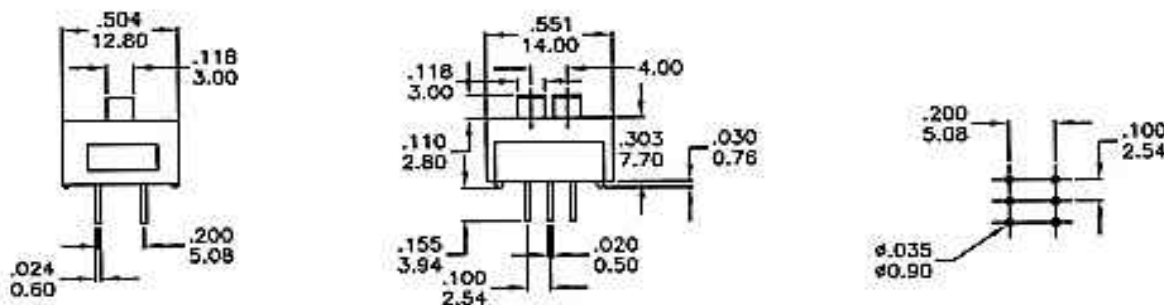
### Contact Material Gold plated Code 2

Fixed Terminal: Copper Alloy with gold plated over nickel plated  
 Moving Contact: Copper Alloy with gold plated over nickel plated  
 Contact Rating: 0,4 Volt-Amps (VA max. @ 20V max.AC or DC

### Electrical Specifications and Material

Electrical Life: 20.000 cycles  
 Contact Resistance: 50mΩ max. initial  
 silver and gold plated contacts.  
 Insulation Resistance: 1000M Ω min.  
 Dielectric Strength: 1000V RMS min. @ sea level  
 Operating Temperature: -40°C to +80°C  
 Case: Nylon, White  
 Actuator: Nylon, Black  
 Housing: Nylon, Black  
 Switch Support: Brass, tin plated  
 Terminal/Contact: Silver or gold plated

### Technical Drawing



**Alternative to Siemens /  
EPCOS SLIDE-SWITCH**

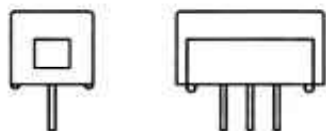
Part No.: **Q52A3002-**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	14.02.2018	Customer:
APPD:	Schumi			FINISH	Jamy		Sheet No.	1 from 4		

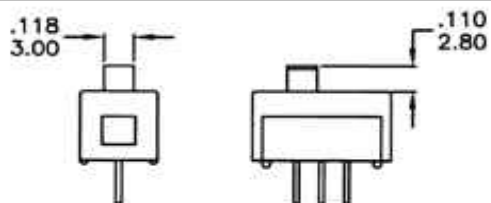
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**Actuator Type 1**

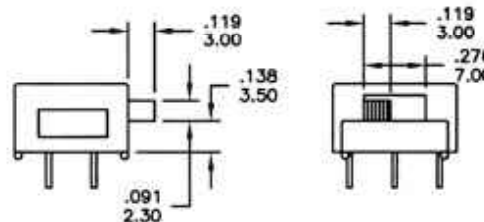


**Actuator Type 2**

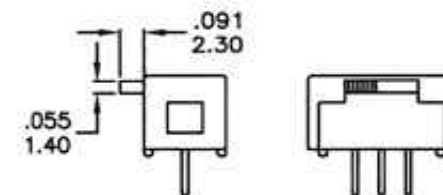


**Actuator Type 3**

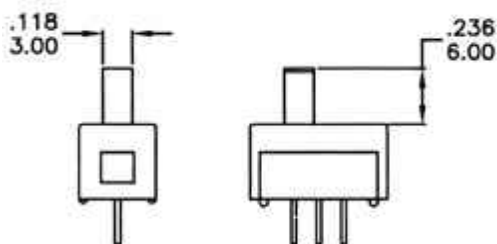
ONLY DPDT



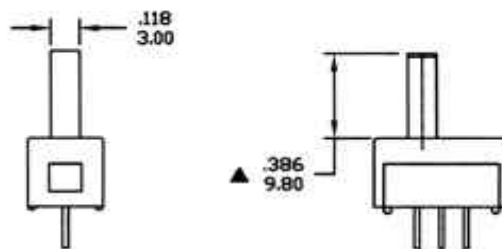
**Actuator Type 4**



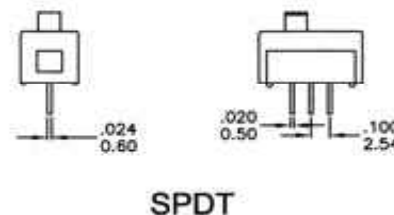
**Actuator Type 5**



**Actuator Type 6**

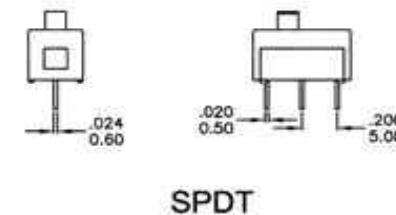


**Terminations Options Type 1**



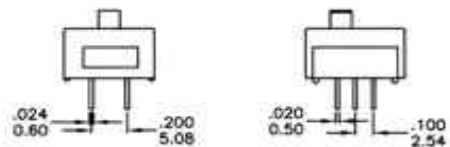
SPDT

**Terminations Options Type 2**



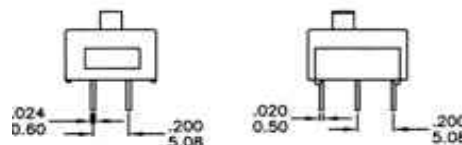
SPDT

**Terminations Options Type 3**



DPDT

**Terminations Options Type 4**



DPDT

**Alternative to Siemens / EPCOS SLIDE-SWITCH**

Part No.: **Q52A3002-**

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Connected Terminals Chematic

Switch function	Pos.1	Pos2	Pos3	Pos 1	Pos 2	Pos 3
A2	ON	NONE	ON	.2-1, 5-6	OPEN	.2-3, 5-4
A3	ON	OFF	ON			

## Ordering Informations

Serie	Switch function	ACTUATOR	CONTACT MATERIAL	SEAL	Terminal Options	ROHS	Packing			
<b>Q52A3002-</b>	<b>B</b>	<b>1</b>	<b>1</b>	<b>A</b>	<b>3</b>	<b>R</b>	<b>BU</b>			

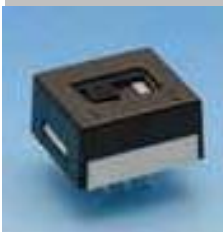
<b>B= A2</b>	<b>1= C1</b>	<b>1= Silver</b>	<b>A= Epoxy</b>	<b>3= DPDT</b> 2,54mm	<b>R= Rohs conform</b>	<b>BU=</b> 100PCS per Bag
<b>C= A3</b>	<b>2= C2</b>	<b>2= Gold plated</b>	<b>B= No Epoxy</b>	<b>4= DPDT</b> 5,08mm	<b>N= NON</b> Rohs conform	
	<b>3= C3</b>					
	<b>4= C4</b>					
	<b>5= C5</b>					
	<b>6= C6</b>					

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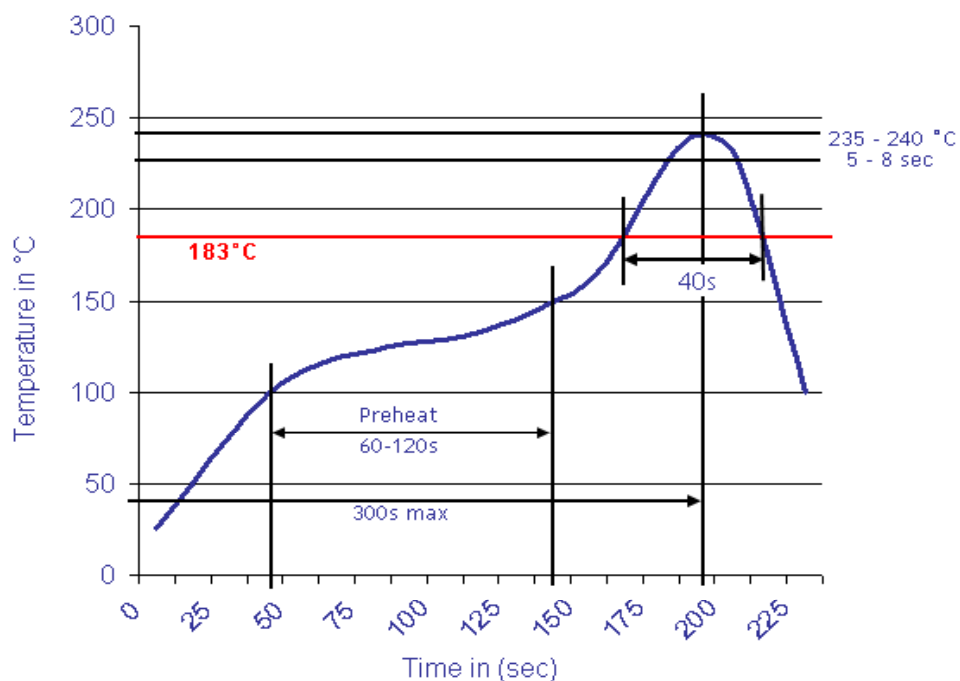
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Customer:



**Lead Free Soldering Curve**

Classification Reflow Profile (JEDEC J-STD-020C)



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