



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China


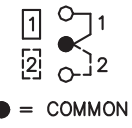
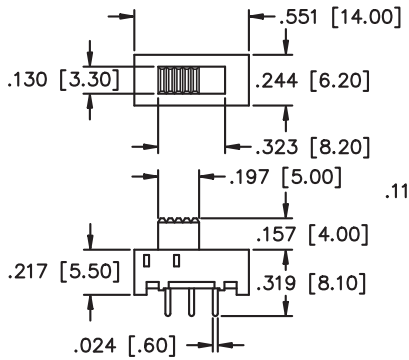
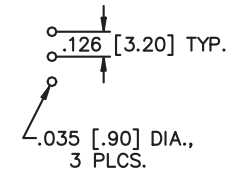

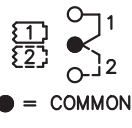
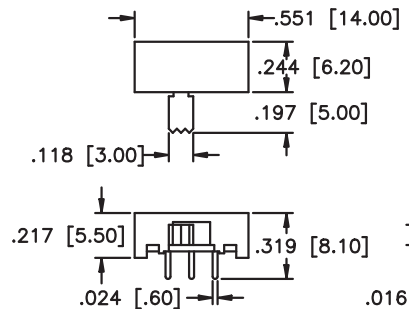
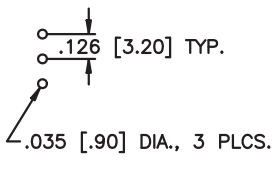
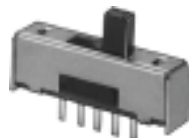
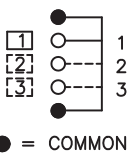
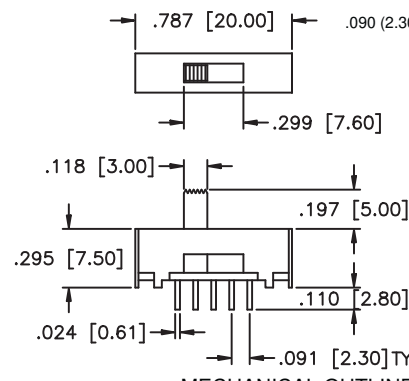
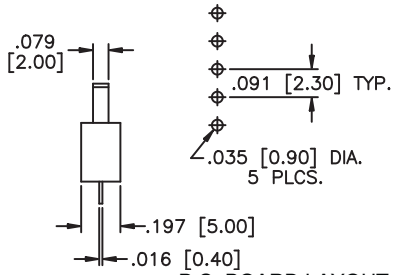


# SLB Series

(with p.c. board stand-off bracket)

## Miniature Slide Switches

SPECIFICATIONS	FEATURES
<p><b>Contact ratings:</b> 300 mA at 125 VAC or 30 VDC</p> <p><b>Initial contact resistance:</b> 20 milliohms max.</p> <p><b>Insulation resistance:</b> 100 megohms min. at 500 VDC</p> <p><b>Dielectric strength:</b> 500 volts RMS for 1 minute</p> <p><b>Electrical life:</b> 10,000 cycles min.</p> <p><b>Operating temperature range:</b> -20°C to +85°C</p> <p><b>Actuation force:</b> 220g ± 100g</p> <p><b>Solder heat resistance:</b> 260°C max. for 3 seconds</p> <p><b>Solvent washing permissible</b></p>	<ul style="list-style-type: none"> <li>● <b>Miniature compact size.</b></li> <li>● <b>Wash-through open frame construction.</b></li> <li>● <b>Positive spring loaded ball detent mechanism.</b></li> <li>● <b>Epoxy sealed terminals.</b></li> </ul>
	MATERIALS
	<p><b>Contacts &amp; terminals:</b> Silver plated</p> <p><b>Frame:</b> Zinc plated steel</p> <p><b>Actuator:</b> Thermoplastic</p> <p><b>Base:</b> Phenolic laminated sheet</p> <p style="text-align: right;"><b>Terminal seal:</b> Epoxy</p>

<b>MODEL NO.</b>			
<b>SLB12814</b>			
	<b>1P2T</b>  ● = COMMON	 MECHANICAL OUTLINE	 P.C. BOARD LAYOUT
VERTICAL ACTUATOR	SCHEMATIC	MECHANICAL OUTLINE	P.C. BOARD LAYOUT
<b>MODEL NO.</b>			
<b>SLB1281R5</b>			
	<b>1P2T</b>  ● = COMMON	 MECHANICAL OUTLINE	 P.C. BOARD LAYOUT
RIGHT ANGLE ACTUATOR	SCHEMATIC	MECHANICAL OUTLINE	P.C. BOARD LAYOUT
<b>MODEL NO.</b>			
<b>SLB1370</b>			
	<b>1P3T</b>  ● = COMMON	 MECHANICAL OUTLINE	 P.C. BOARD LAYOUT
VERTICAL ACTUATOR	SCHEMATIC	MECHANICAL OUTLINE	P.C. BOARD LAYOUT

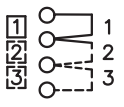
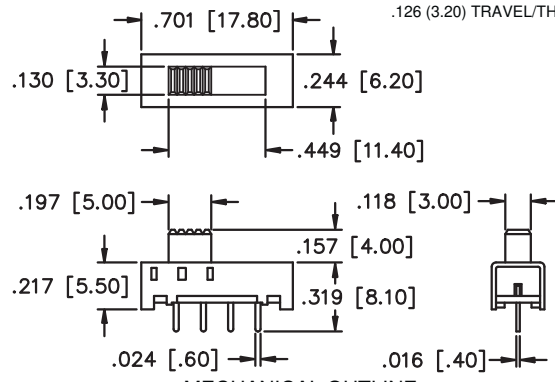
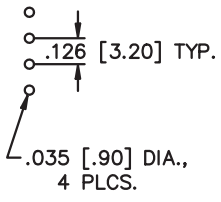
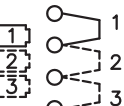
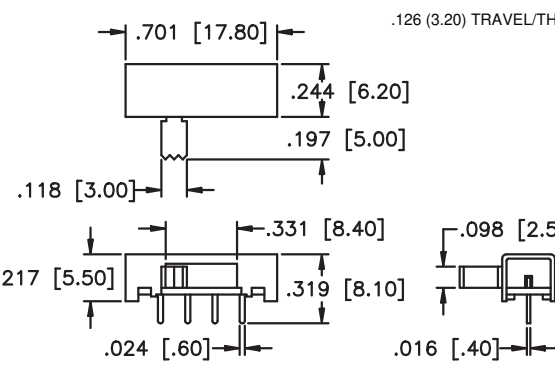
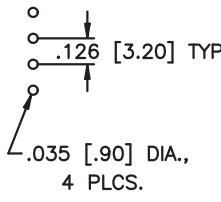
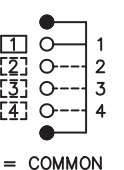
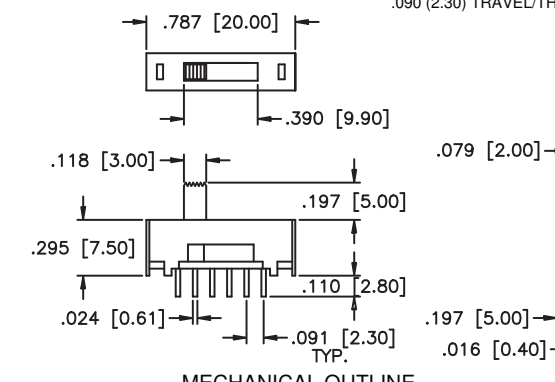
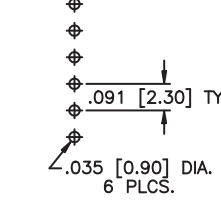
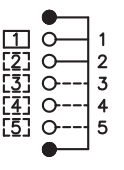
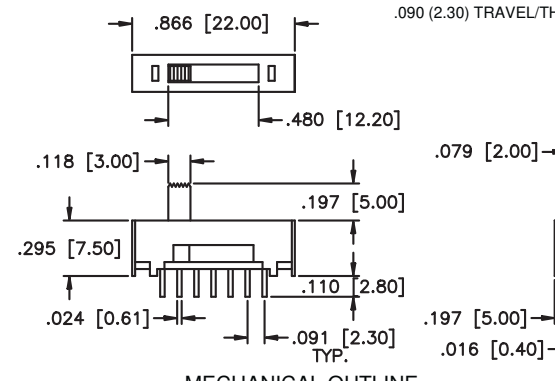
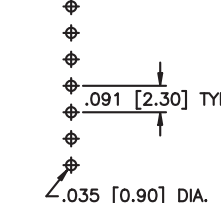
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

# SLB Series

(with p.c. board stand-off bracket)

## Miniature Slide Switches

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE


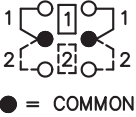

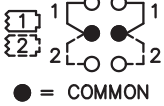
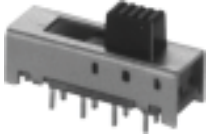
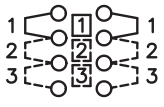

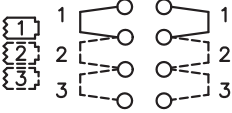
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<p>VERTICAL ACTUATOR</p>	<p>SCHEMATIC</p>	<p>MECHANICAL OUTLINE</p>	
<p><b>MODEL NO.</b></p> <p><b>SLB1381R5</b></p>	<p><b>1P3T</b></p> 	 <p style="text-align: right;">.126 (3.20) TRAVEL/THROW</p>	 <p style="text-align: center;">P.C. BOARD LAYOUT</p>
<p>RIGHT ANGLE ACTUATOR</p>	<p>SCHEMATIC</p>	<p>MECHANICAL OUTLINE</p>	
<p><b>MODEL NO.</b></p> <p><b>SLB1470</b></p>	<p><b>1P4T</b></p>  <p>● = COMMON</p>	 <p style="text-align: right;">.090 (2.30) TRAVEL/THROW</p>	 <p style="text-align: center;">P.C. BOARD LAYOUT</p>
<p>VERTICAL ACTUATOR</p>	<p>SCHEMATIC</p>	<p>MECHANICAL OUTLINE</p>	
<p><b>MODEL NO.</b></p> <p><b>SLB1570</b></p>	<p><b>1P5T</b></p>  <p>● = COMMON</p>	 <p style="text-align: right;">.090 (2.30) TRAVEL/THROW</p>	 <p style="text-align: center;">P.C. BOARD LAYOUT</p>
<p>VERTICAL ACTUATOR</p>	<p>SCHEMATIC</p>	<p>MECHANICAL OUTLINE</p>	

# SLB Series

(with p.c. board stand-off bracket)

## Miniature Slide Switches

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

<b>MODEL NO.</b> <b>SLB22814</b>	<b>2P2T</b>		
 VERTICAL ACTUATOR	 SCHEMATIC		
<b>MODEL NO.</b> <b>SLB2281R5</b>	<b>2P2T</b>		
 RIGHT ANGLE ACTUATOR	 SCHEMATIC		
<b>MODEL NO.</b> <b>SLB23814</b>	<b>2P3T</b>		
 VERTICAL ACTUATOR	 SCHEMATIC		
<b>MODEL NO.</b> <b>SLB2381R5</b>	<b>2P3T</b>		
 RIGHT ANGLE ACTUATOR	 SCHEMATIC		


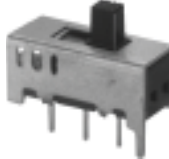

# SLB Series

(with thru- p.c. board hole mounting bracket)

## Miniature Slide Switches

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

SPECIFICATIONS	FEATURES
<p><b>Contact ratings:</b> 300 mA at 125 VAC or 30 VDC</p> <p><b>Initial contact resistance:</b> 20 milliohms max.</p> <p><b>Insulation resistance:</b> 100 megohms min. at 500 VDC</p> <p><b>Dielectric strength:</b> 500 volts RMS for 1 minute</p> <p><b>Electrical life:</b> 10,000 cycles min.</p> <p><b>Operating temperature range:</b> -20°C to +85°C</p> <p><b>Actuation force:</b> 220g ± 100g</p> <p><b>Solder heat resistance:</b> 260°C max. for 3 seconds</p> <p><b>Solvent washing permissible</b></p>	<ul style="list-style-type: none"> <li>● <b>Miniature compact size.</b></li> <li>● <b>Wash-through open frame construction.</b></li> <li>● <b>Positive spring loaded ball detent mechanism.</b></li> <li>● <b>Epoxy sealed terminals.</b></li> </ul>
	MATERIALS
	<p><b>Contacts &amp; terminals:</b> Silver plated</p> <p><b>Frame:</b> Zinc plated steel</p> <p><b>Actuator:</b> Thermoplastic</p> <p><b>Base:</b> Phenolic laminated sheet</p> <p style="text-align: right;"><b>Terminal seal:</b> Epoxy</p>

MODEL NO.			
<b>SLB12804</b>			
			
VERTICAL ACTUATOR			
MODEL NO.			
<b>SLB124145</b>			
			
VERTICAL ACTUATOR			
MODEL NO.			
<b>SLB1240R45</b>			
			
RIGHT ANGLE ACTUATOR			

MODEL NO.	ACTUATOR	TRAVEL/THROW	PLCS.
SLB12804	Vertical	.126 (3.20)	3
SLB124145	Vertical	.157 (4.00)	2
SLB1240R45	Right Angle	.157 (4.00)	3


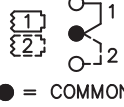
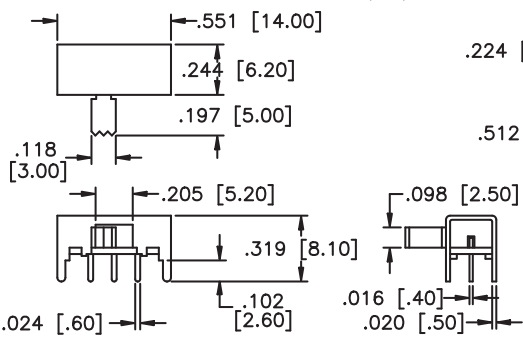
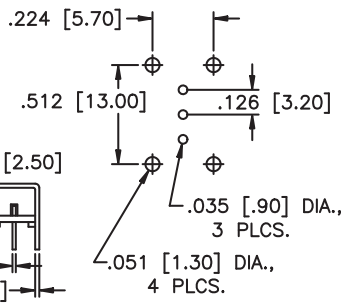

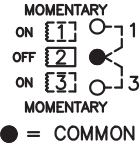
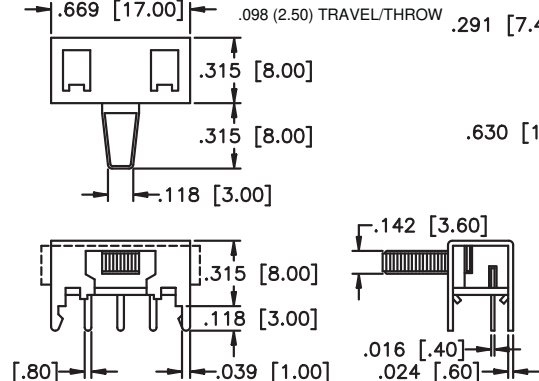
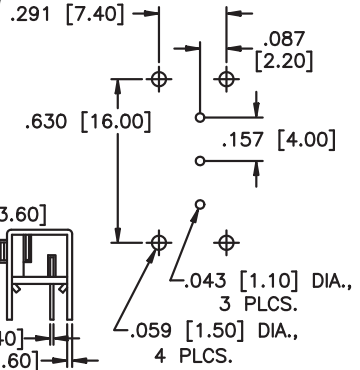
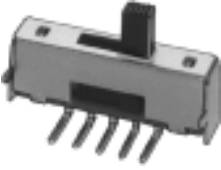
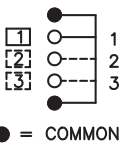
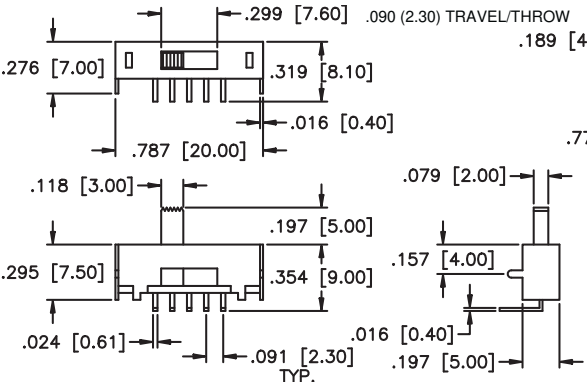
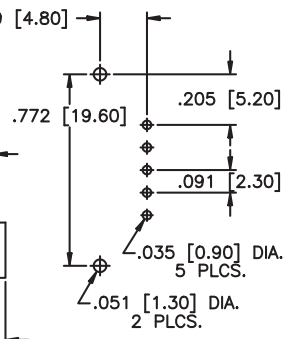

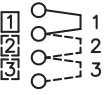
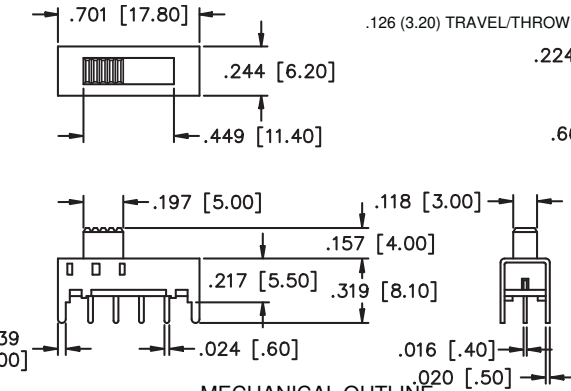
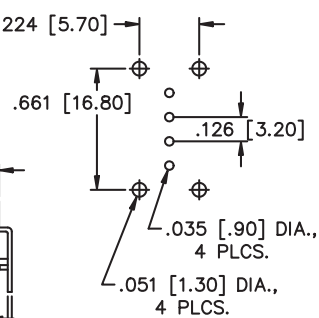
  

MODEL NO.	ACTUATOR	TRAVEL/THROW	PLCS.
SLB12804	Vertical	.126 (3.20)	3
SLB124145	Vertical	.157 (4.00)	2
SLB1240R45	Right Angle	.157 (4.00)	3

# SLB Series

(with thru-p.c. board hole mounting bracket)

## Miniature Slide Switches




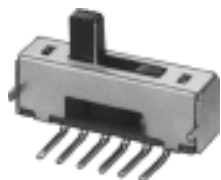
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<p><b>MODEL NO.</b></p> <p style="color: red;"><b>SLB1250R8</b></p>  <p>RIGHT ANGLE ACTUATOR</p>	<p style="text-align: right;">.098 (2.50) TRAVEL/THROW</p> <p><b>1P2T</b></p> <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;">  <p>MOMENTARY ON [1] OFF [2] ON [3] MOMENTARY</p> <p>● = COMMON</p> </div> <div style="width: 35%;">  <p>MECHANICAL OUTLINE</p> </div> <div style="width: 30%;">  <p>P.C. BOARD LAYOUT</p> </div> </div>
<p><b>MODEL NO.</b></p> <p style="color: red;"><b>SLB1370R</b></p>  <p>RIGHT ANGLE ACTUATOR</p>	<p style="text-align: right;">.090 (2.30) TRAVEL/THROW</p> <p><b>1P3T</b></p> <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;">  <p>● = COMMON</p> </div> <div style="width: 35%;">  <p>MECHANICAL OUTLINE</p> </div> <div style="width: 30%;">  <p>P.C. BOARD LAYOUT</p> </div> </div>
<p><b>MODEL NO.</b></p> <p style="color: red;"><b>SLB13804</b></p>  <p>VERTICAL ACTUATOR</p>	<p style="text-align: right;">.126 (3.20) TRAVEL/THROW</p> <p><b>1P3T</b></p> <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;">  </div> <div style="width: 35%;">  <p>MECHANICAL OUTLINE</p> </div> <div style="width: 30%;">  <p>P.C. BOARD LAYOUT</p> </div> </div>

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

# SLB Series

(with thru-p.c. board hole mounting bracket)  
Miniature Slide Switches

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

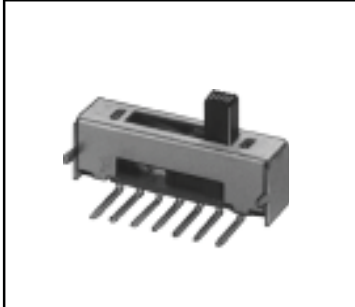
<p><b>MODEL NO.</b> <b>SLB134145</b></p>	<p><b>1P3T</b></p>  <p>VERTICAL ACTUATOR</p> <p><b>Schematic:</b> 1P3T circuit diagram with terminals 1, 2, 3. Terminal 2 is marked as COMMON.</p> <p><b>Mechanical Outline:</b> Dimensions include .630 [16.00] total width, .079 (2.00) TRAVEL/THROW, .244 [6.20] actuator height, .118 [3.00] terminal spacing, .177 [4.50] switch body height, .295 [7.50] base height, .433 [11.00] base width, .098 [2.50] terminal height, .020 [0.50] lead length, .016 [.40] lead diameter.</p> <p><b>P.C. BOARD LAYOUT:</b> Dimensions include .244 [6.20] mounting hole spacing, .073 [1.85] hole diameter, .157 [4.00] hole offset, .079 [2.00] TYP. hole diameter, .031 [.80] DIA., 4 PLCS. hole diameter, .051 [1.30] DIA., 2 PLCS. hole diameter.</p>
<p><b>MODEL NO.</b> <b>SLB1340R45</b></p>	<p><b>1P3T</b></p>  <p>RIGHT ANGLE ACTUATOR</p> <p><b>Schematic:</b> 1P3T circuit diagram with terminals 1, 2, 3. Terminal 2 is marked as COMMON.</p> <p><b>Mechanical Outline:</b> Dimensions include .630 [16.00] total width, .079 (2.00) TRAVEL/THROW, .244 [6.20] actuator height, .118 [3.00] terminal spacing, .177 [4.50] switch body height, .295 [7.50] base height, .433 [11.00] base width, .098 [2.50] terminal height, .020 [0.50] lead length, .016 [.40] lead diameter, .039 [1.00] terminal offset.</p> <p><b>P.C. BOARD LAYOUT:</b> Dimensions include .244 [6.20] mounting hole spacing, .073 [1.85] hole diameter, .157 [4.00] hole offset, .079 [2.00] TYP. hole diameter, .031 [.80] DIA., 4 PLCS. hole diameter, .051 [1.30] DIA., 4 PLCS. hole diameter.</p>
<p><b>MODEL NO.</b> <b>SLB1380R5</b></p>	<p><b>1P3T</b></p>  <p>RIGHT ANGLE ACTUATOR</p> <p><b>Schematic:</b> 1P3T circuit diagram with terminals 1, 2, 3.</p> <p><b>Mechanical Outline:</b> Dimensions include .701 [17.80] total width, .126 (3.20) TRAVEL/THROW, .244 [6.20] actuator height, .197 [5.00] switch body height, .118 [3.00] terminal spacing, .331 [8.40] base height, .217 [5.50] base height, .319 [8.10] base width, .039 [1.00] terminal offset, .024 [.60] lead length, .102 [2.60] lead length, .098 [2.50] terminal height, .016 [.40] lead diameter, .020 [.50] lead length.</p> <p><b>P.C. BOARD LAYOUT:</b> Dimensions include .224 [5.70] mounting hole spacing, .661 [16.80] hole diameter, .126 [3.20] hole diameter, .035 [.90] DIA., 4 PLCS. hole diameter, .051 [1.30] DIA., 4 PLCS. hole diameter.</p>
<p><b>MODEL NO.</b> <b>SLB1470R</b></p>	<p><b>1P4T</b></p>  <p>RIGHT ANGLE ACTUATOR</p> <p><b>Schematic:</b> 1P4T circuit diagram with terminals 1, 2, 3, 4. Terminal 1 is marked as COMMON.</p> <p><b>Mechanical Outline:</b> Dimensions include .390 [9.90] total width, .090 (2.30) TRAVEL/THROW, .276 [7.00] actuator height, .319 [8.10] switch body height, .016 [0.40] terminal spacing, .118 [3.00] terminal spacing, .197 [5.00] base height, .354 [9.00] base width, .295 [7.50] base height, .024 [0.61] lead length, .091 [2.30] TYP. lead length, .016 [0.40] lead length, .157 [4.00] terminal height, .197 [5.00] terminal height, .079 [2.00] terminal height, .016 [0.40] lead diameter.</p> <p><b>P.C. BOARD LAYOUT:</b> Dimensions include .189 [4.80] mounting hole spacing, .159 [4.05] hole diameter, .772 [19.60] hole diameter, .091 [2.30] TYP. hole diameter, .035 [.90] DIA., 6 PLCS. hole diameter, .051 [1.30] DIA., 2 PLCS. hole diameter.</p>

# SLB Series

(with thru-p.c. board hole mounting bracket)  
Miniature Slide Switches

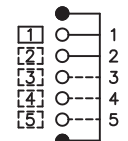
**MODEL NO.**

**SLB1570R**



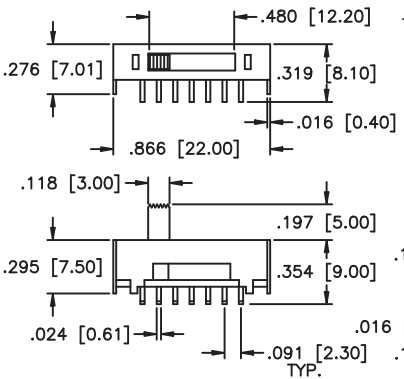
RIGHT ANGLE ACTUATOR

**1P5T**

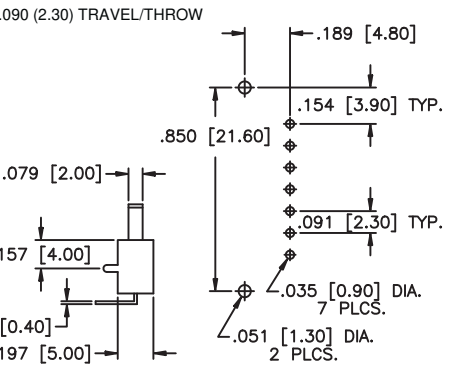


● = COMMON

SCHEMATIC



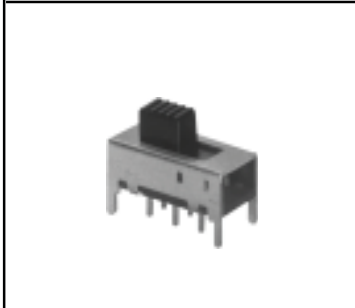
MECHANICAL OUTLINE



P.C. BOARD LAYOUT

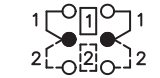
**MODEL NO.**

**SLB22804**



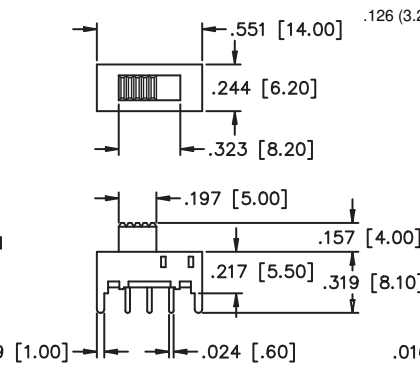
VERTICAL ACTUATOR

**2P2T**

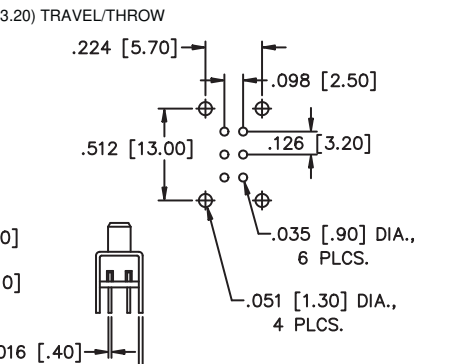


● = COMMON

SCHEMATIC



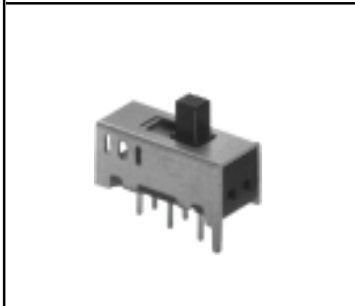
MECHANICAL OUTLINE



P.C. BOARD LAYOUT

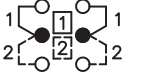
**MODEL NO.**

**SLB224145**



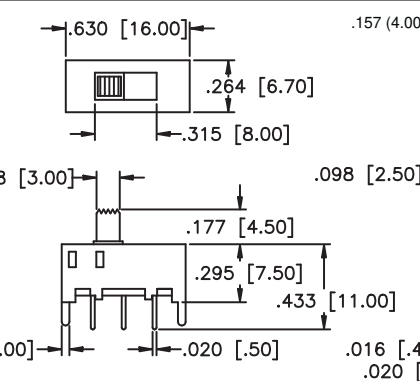
VERTICAL ACTUATOR

**2P2T**

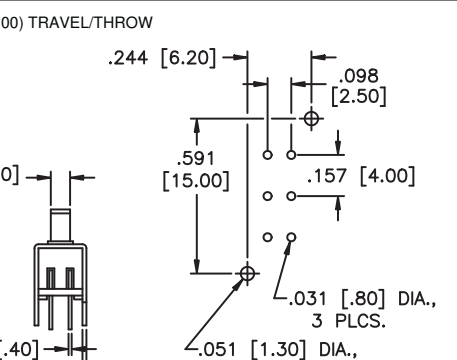


● = COMMON

SCHEMATIC



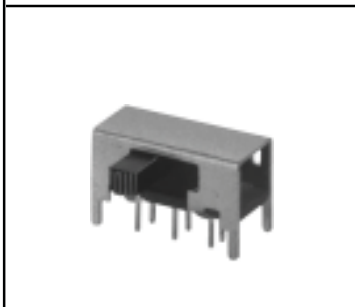
MECHANICAL OUTLINE



P.C. BOARD LAYOUT

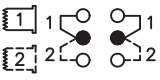
**MODEL NO.**

**SLB2240R45**



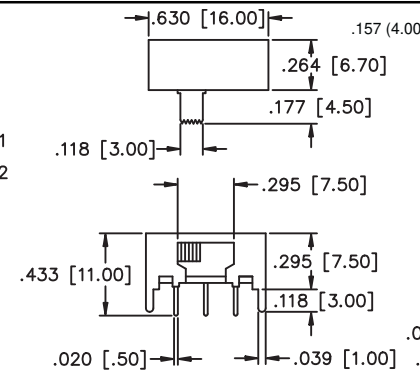
RIGHT ANGLE ACTUATOR

**2P2T**

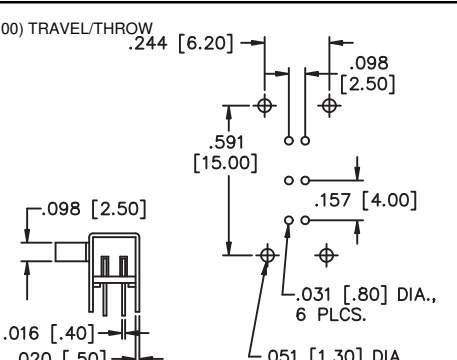


● = COMMON

SCHEMATIC



MECHANICAL OUTLINE



P.C. BOARD LAYOUT

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



# SLB Series

(with thru-p.c. board hole mounting bracket)  
**Miniature Slide Switches**

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

<b>MODEL NO.</b> <b>SLB2280R5</b>	<p style="text-align: right;">.126 (3.20) TRAVEL/THROW</p> <p><b>2P2T</b></p> <p>RIGHT ANGLE ACTUATOR</p> <p>SCHMATIC      MECHANICAL OUTLINE      P.C. BOARD LAYOUT</p>
<b>MODEL NO.</b> <b>SLB23804</b>	<p style="text-align: right;">.126 (3.20) TRAVEL/THROW</p> <p><b>2P3T</b></p> <p>VERTICAL ACTUATOR</p> <p>SCHMATIC      MECHANICAL OUTLINE      P.C. BOARD LAYOUT</p>
<b>MODEL NO.</b> <b>SLB234145</b>	<p style="text-align: right;">.126 (3.20) TRAVEL/THROW</p> <p><b>2P3T</b></p> <p>VERTICAL ACTUATOR</p> <p>SCHMATIC      MECHANICAL OUTLINE      P.C. BOARD LAYOUT</p>
<b>MODEL NO.</b> <b>SLB2340R45</b>	<p style="text-align: right;">.079 (2.00) TRAVEL/THROW</p> <p><b>2P3T</b></p> <p>RIGHT ANGLE ACTUATOR</p> <p>SCHMATIC      MECHANICAL OUTLINE      P.C. BOARD LAYOUT</p>