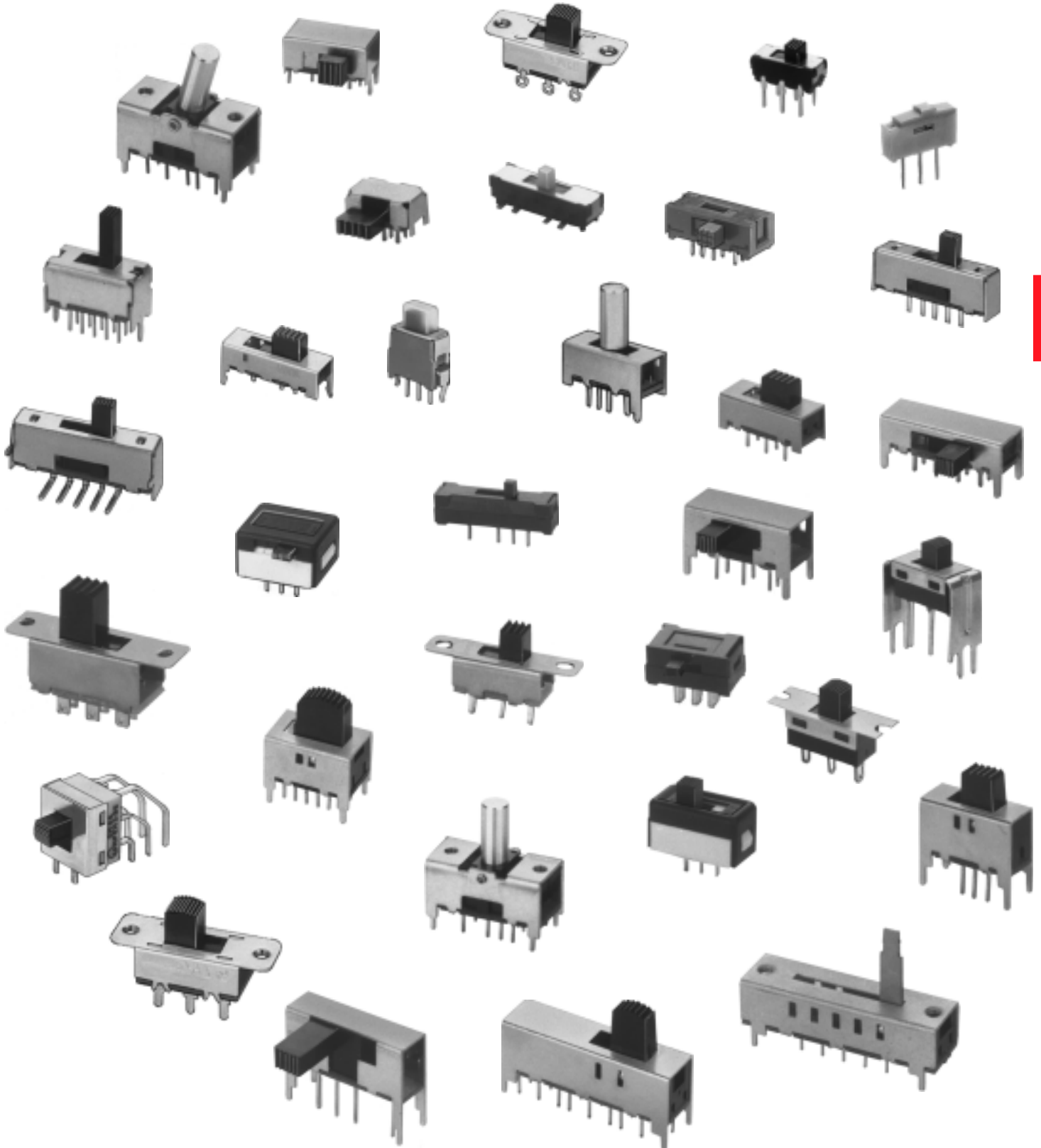


# SLIDE SWITCHES

SEE PUSHBUTTON SWITCH SELECTION GUIDE ON NEXT PAGE

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



# SLIDE SWITCHES

SLIDE SWITCH SELECTION GUIDE: This catalog contains an extensive variety of slide switches with numerous options and accessories. To facilitate easy selection of the desired switch for your application, the guide on page O2 lists the various Series with some key selection parameters.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

MICROMINIATURE SLIDE SWITCHES								
SERIES	POLES	POS-ITIONS	RATINGS	WASH-ABLE	LIFE CYCLES	MOUNTING	ACTUATION	PAGE(S)
<b>MJS</b>	1&2	2&3	100 ma @ 12VDC	No	10,000	P.C. thru-hole	Vert. & rt. angle	O3-O4
<b>MSSA</b>	2	2	100 ma @ 30VDC or 125VAC & dry circuit	No	10,000	P.C. thru-hole	Vert. & rt. angle	O5
<b>MA</b>	1	2&3	300 ma @ 4VDC	No	10,000	Surface	Rt. angle	O6
<b>MHSS</b>	1&2	2	300 ma @ 6VDC	No	5000	P.C. thru-hole	Vert. & rt. angle	O7
<b>MS</b>	1,2&4	2&3	300 ma @ 6VDC	No	10,000	P.C. thru-hole & surface	Vert. & rt, angle	O8-O10
<b>MMS</b>	1,2,4&6	2&3	300 ma @ 30VDC	No	10,000	P.C. thru-hole	Vert. & rt. angle	O11-O12
MINIATURE SLIDE SWITCHES								
SERIES	POLES	POS-ITIONS	RATINGS	WASH-ABLE	LIFE CYCLES	MOUNTING	ACTUATION	PAGE(S)
<b>MSTS</b>	1&2	3	300 ma @ 28VDC	Yes	10,000	P.C. thru-hole	Vertical	O13
<b>MHS</b>	1&2	2&3	300 ma @ 30VDC	Yes	10,000	P.C. thru-hole	Vertical	O14-O17
<b>SLB</b>	1&2	2,3,4&5	300 ma @ 30VDC or 125 VAC	Yes	10,000	P.C. thru-hole	Vert. & rt. angle	O18-O25
<b>SLC</b>	1&2	2	300 ma @ 30VDC or 125 VAC	Yes	10,000	Panel	Vertical	O26
<b>SLG</b>	1	2	300 ma @ 30VDC or 125 VAC	Yes	10,000	P.C. thru-hole & panel	Vertical	O27
<b>SLA</b>	1&2	2	500 ma @ 125VAC	Yes	10,000	P.C. thru-hole & panel	Vertical	O28-O29

## ALPHA-NUMERIC INDEX BY SERIES


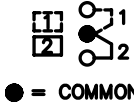
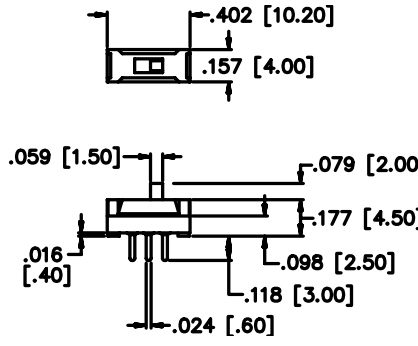
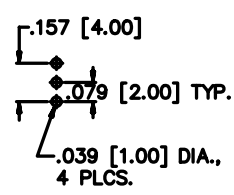

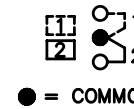
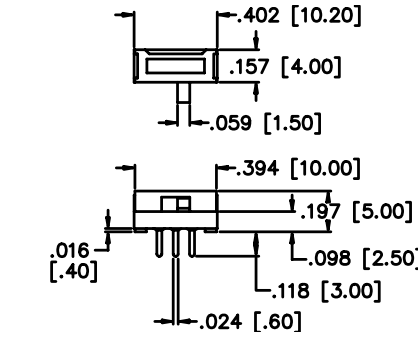
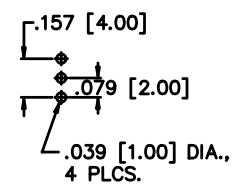
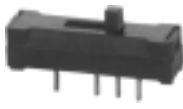
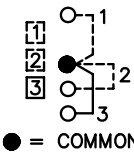
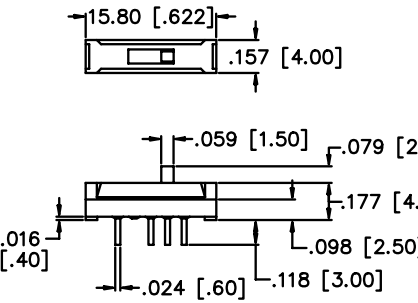
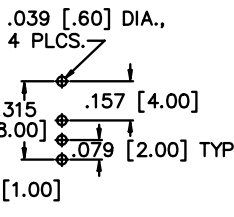
<b>SERIES</b>	<b>Page (s)</b>	<b>SERIES</b>	<b>Page (s)</b>
<b>MA</b>	<b>O6</b>	<b>MSSA</b>	<b>O5</b>
<b>MHS</b>	<b>O14-O17</b>	<b>MSTS</b>	<b>O13</b>
<b>MHSS</b>	<b>O7</b>	<b>SLA</b>	<b>O28-O29</b>
<b>MJS</b>	<b>O3-O4</b>	<b>SLB</b>	<b>O18-O25</b>
<b>MMS</b>	<b>O11-O12</b>	<b>SLC</b>	<b>O26</b>
<b>MS</b>	<b>O8-O10</b>	<b>SLG</b>	<b>O27</b>

# MJS Series

## Microminiature Slide Switches

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

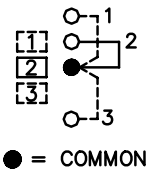
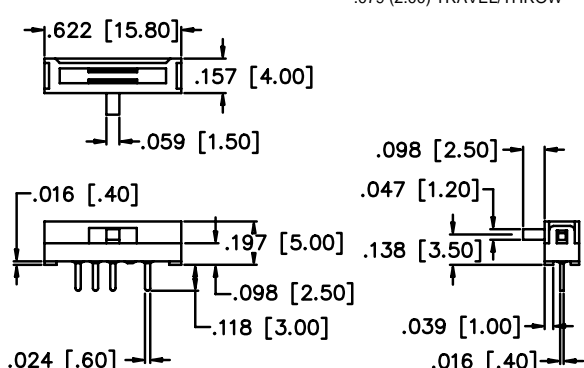
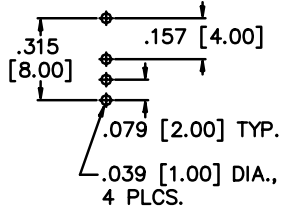
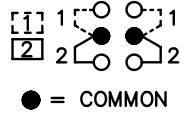
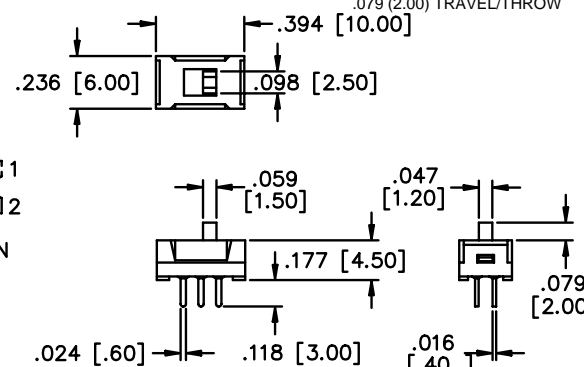
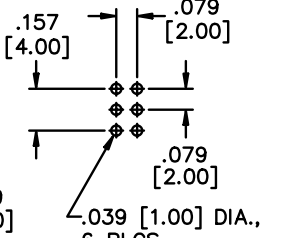
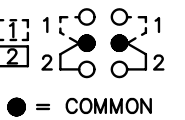
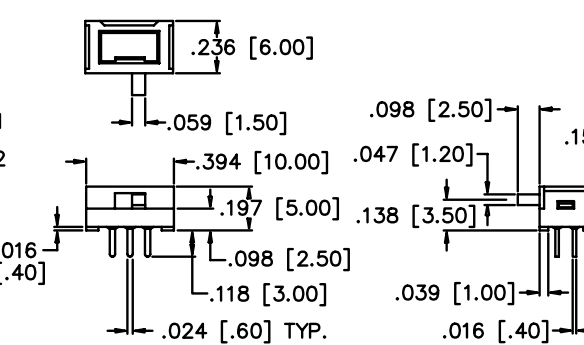
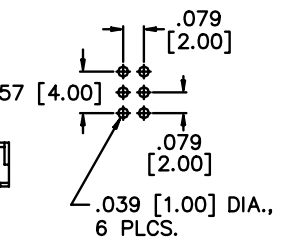
SPECIFICATIONS	FEATURES
<p><b>Contact rating:</b> 100 mA at 12 VDC</p> <p><b>Initial contact resistance:</b> 20 milliohms max.</p> <p><b>Insulation resistance:</b> 100 megohms min. at 500 VDC</p> <p><b>Dielectric strength:</b> 500 volts RMS at sea level</p> <p><b>Electrical life:</b> 10,000 cycles min.</p> <p><b>Operating temperature range:</b> -10°C to +60°C</p> <p><b>Actuation force:</b> 225g (average)</p> <p><b>Solder heat resistance:</b> 260°C max. for 5 seconds</p> <p><b>Washing not recommended</b></p>	<ul style="list-style-type: none"> <li>● <b>Molded-in terminals minimize flux or solder entry.</b></li> <li>● <b>Molded-in high temperature phenolic base.</b></li> <li>● <b>Low Profile.</b></li> <li>● <b>Bifurcated wiping contact design.</b></li> </ul>
	MATERIALS
	<p><b>Contacts &amp; terminals:</b> Silver plated</p> <p><b>Case &amp; actuator:</b> Thermoplastic</p> <p><b>Terminal seal:</b> Molded-in</p>

MODEL NO.	.079 (2.00) TRAVEL/THROW		
MJS12			
	<b>1P2T</b>  ● = COMMON	 MECHANICAL OUTLINE	 P.C. BOARD LAYOUT
VERTICAL ACTUATOR	SCHEMATIC	MECHANICAL OUTLINE	P.C. BOARD LAYOUT
MODEL NO.	.079 (2.00) TRAVEL/THROW		
MJS12R			
	<b>1P2T</b>  ● = COMMON	 MECHANICAL OUTLINE	 P.C. BOARD LAYOUT
RIGHT ANGLE ACTUATOR	SCHEMATIC	MECHANICAL OUTLINE	P.C. BOARD LAYOUT
MODEL NO.	.079 (2.00) TRAVEL/THROW		
MJS13			
	<b>1P3T</b>  ● = COMMON	 MECHANICAL OUTLINE	 P.C. BOARD LAYOUT
VERTICAL ACTUATOR	SCHEMATIC	MECHANICAL OUTLINE	P.C. BOARD LAYOUT

# MJS Series

## Microminiature Slide Switches

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

<p><b>MODEL NO.</b></p> <p><b>MJS13R</b></p>	<p style="text-align: right;">.079 (2.00) TRAVEL/THROW</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><b>1P3T</b></p>  <p>● = COMMON</p> <p>SCHEMATIC</p> </div> <div style="width: 35%;">  <p>MECHANICAL OUTLINE</p> </div> <div style="width: 30%;">  <p>P.C. BOARD LAYOUT</p> </div> </div> <p style="text-align: center;">RIGHT ANGLE ACTUATOR</p>
<p><b>MODEL NO.</b></p> <p><b>MJS22</b></p>	<p style="text-align: right;">.079 (2.00) TRAVEL/THROW</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><b>2P2T</b></p>  <p>● = COMMON</p> <p>SCHEMATIC</p> </div> <div style="width: 35%;">  <p>MECHANICAL OUTLINE</p> </div> <div style="width: 30%;">  <p>P.C. BOARD LAYOUT</p> </div> </div> <p style="text-align: center;">VERTICAL ACTUATOR</p>
<p><b>MODEL NO.</b></p> <p><b>MJS22R</b></p>	<p style="text-align: right;">.079 (2.00) TRAVEL/THROW</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><b>2P2T</b></p>  <p>● = COMMON</p> <p>SCHEMATIC</p> </div> <div style="width: 35%;">  <p>MECHANICAL OUTLINE</p> </div> <div style="width: 30%;">  <p>P.C. BOARD LAYOUT</p> </div> </div> <p style="text-align: center;">RIGHT ANGLE ACTUATOR</p>

# MSSA Series

## Microminiature Slide Switches

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

SPECIFICATIONS		FEATURES	
<p><b>Contact ratings:</b> <b>Gold;</b> 0.4 Volt-Amps (VA) max. at 20 V max. (AC or DC)  <b>Silver;</b> 100 mA at 125 VAC or 30 VDC</p> <p><b>Initial contact resistance:</b> 30 milliohms max.</p> <p><b>Insulation resistance:</b> 100 megohms min. at 250 VDC</p> <p><b>Dielectric strength:</b> 250 volts RMS at sea level</p> <p><b>Electrical life:</b> 10,000 cycles min.</p> <p><b>Operating temperature range:</b> -10°C to +60°C</p> <p><b>Actuation force:</b> 250g ± 150g</p> <p><b>Solder heat resistance:</b> 260°C max. for 3 seconds</p> <p><b>Washing not recommended</b></p>		<ul style="list-style-type: none"> <li>● <b>Low Profile.</b></li> <li>● <b>Epoxy sealed terminals.</b></li> <li>● <b>Cosmetic molded case.</b></li> </ul>	
		MATERIALS	
		<p><b>Contacts &amp; terminals:</b> Gold or silver available (see contact ratings)</p> <p><b>Housing and Actuator:</b> Thermoplastic</p> <p><b>Base:</b> High temperature thermoplastic</p> <p><b>Terminal seal:</b> Epoxy</p>	
MODEL NO.	PLATING	2P2T	
MSSA22G	GOLD		
<p>VERTICAL ACTUATOR</p>		<p>SCHEMATIC</p>	<p>P.C. BOARD LAYOUT</p>

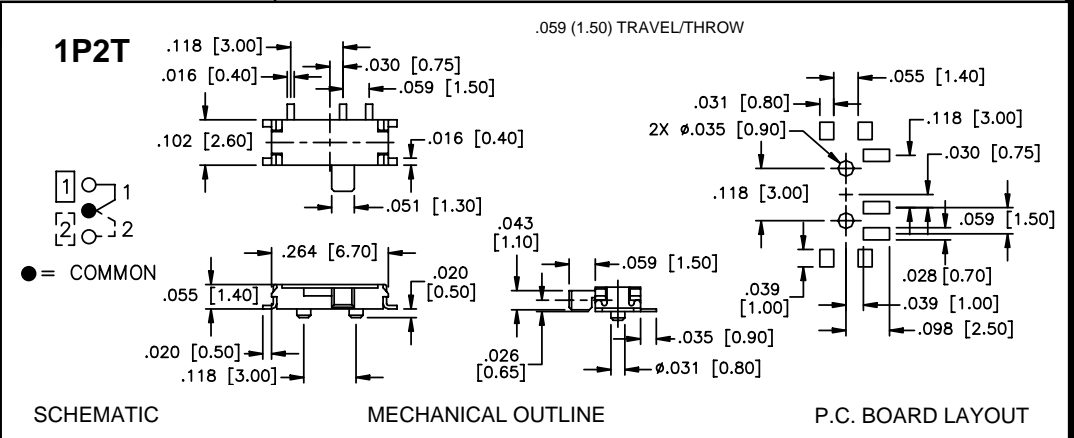
# MA Series

## Microminiature Memory Card Slide Switches

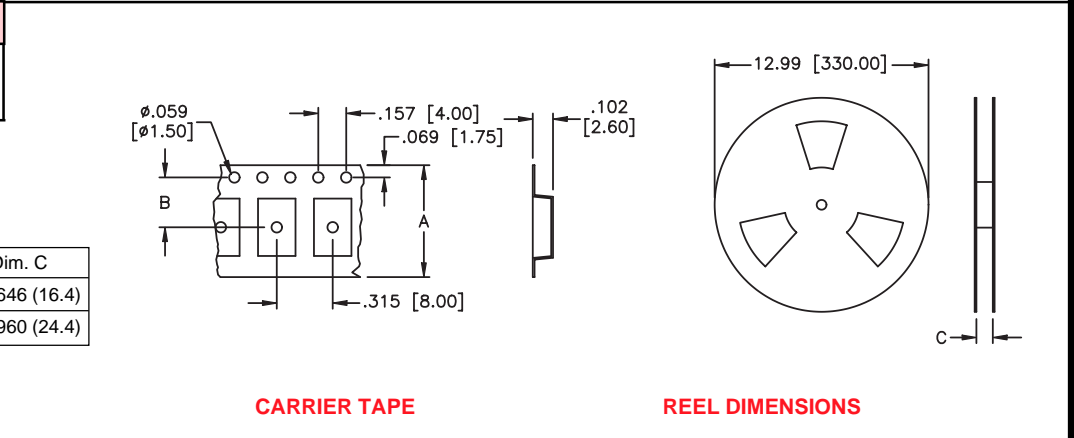
SPECIFICATIONS	FEATURES
<p><b>Contact rating:</b> 300 mA at 4 VDC</p> <p><b>Initial contact resistance:</b> 70 milliohms max.</p> <p><b>Insulation resistance:</b> 100 megohms min. at 100 VDC</p> <p><b>Dielectric strength:</b> 100 VAC for 1 minute</p> <p><b>Electrical life:</b> 10,000 cycles min.</p> <p><b>Operating temperature range:</b> -10°C to +60°C</p> <p><b>Actuation force:</b> 200g ± 100g</p> <p><b>Solder heat resistance:</b> Reflow - 260°C max. for 1 min. Manual - iron temperature 305 °C max. for 6 seconds.</p> <p><b>Washing not recommended</b></p>	<ul style="list-style-type: none"> <li>Ultra-compact size.</li> <li>Low Profile.</li> <li>Surface mounting with restraining bosses.</li> <li>Reflow or hand solderable.</li> </ul>
MATERIALS	
<p><b>Contacts:</b> Silver plated beryllium copper</p> <p><b>Terminals:</b> Silver plated brass</p> <p><b>Base:</b> Liquid crystal polymer    <b>Cover:</b> Tin plated steel</p> <p><b>Actuator:</b> Liquid crystal polymer</p>	

MODEL NO.
MA12R

RIGHT ANGLE ACTUATOR



MODEL NO.												
MA12R/TR												
MA13R/TR												
Same as above models except supplied on tape & reel as shown.												
<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th>Model No.</th> <th>Dim. A</th> <th>Dim. B</th> <th>Dim. C</th> </tr> </thead> <tbody> <tr> <td>MA12R/TR</td> <td>.630 (16.0)</td> <td>.217 (5.5)</td> <td>.646 (16.4)</td> </tr> <tr> <td>MA13R/TR</td> <td>.945 (24.0)</td> <td>.453 (11.5)</td> <td>.960 (24.4)</td> </tr> </tbody> </table>	Model No.	Dim. A	Dim. B	Dim. C	MA12R/TR	.630 (16.0)	.217 (5.5)	.646 (16.4)	MA13R/TR	.945 (24.0)	.453 (11.5)	.960 (24.4)
Model No.	Dim. A	Dim. B	Dim. C									
MA12R/TR	.630 (16.0)	.217 (5.5)	.646 (16.4)									
MA13R/TR	.945 (24.0)	.453 (11.5)	.960 (24.4)									




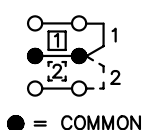
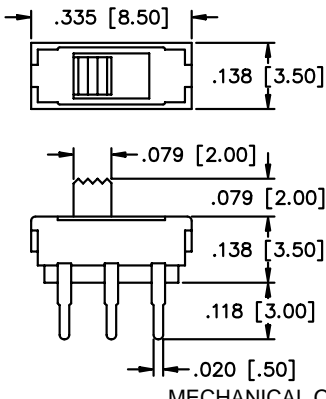
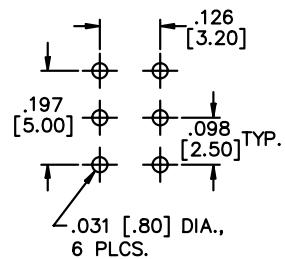

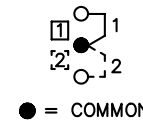
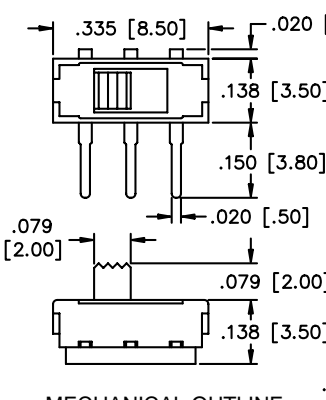
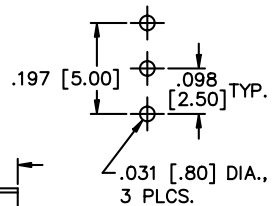
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

# MHSS Series

## Microminiature Slide Switches

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



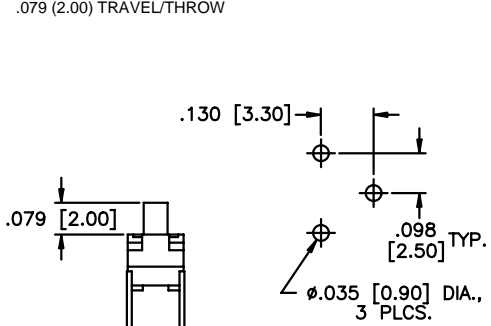
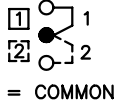
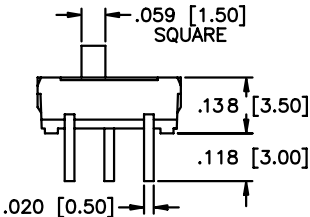
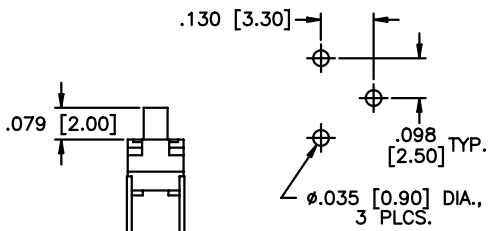

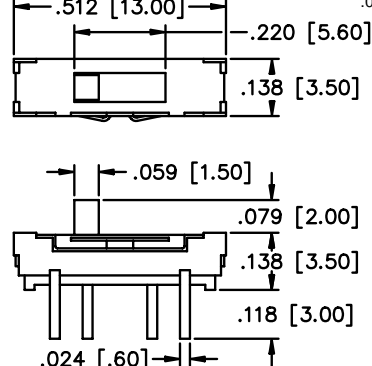
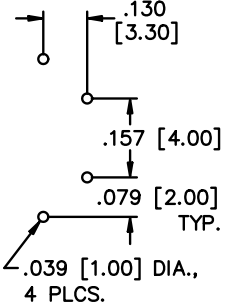
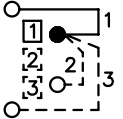
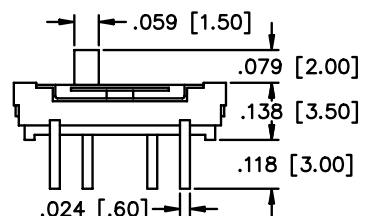
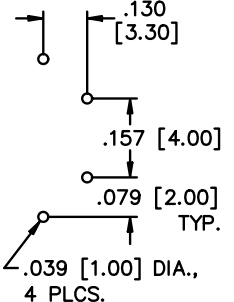

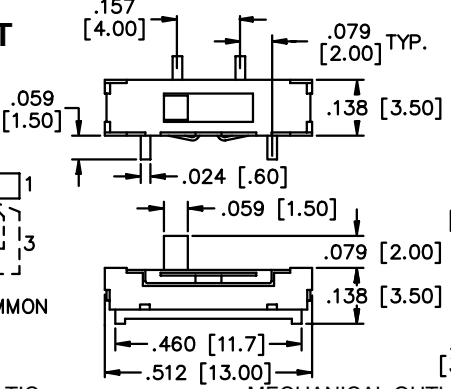
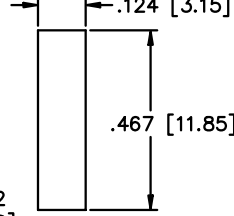
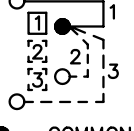
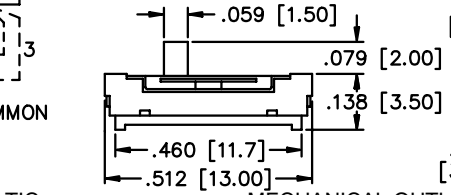
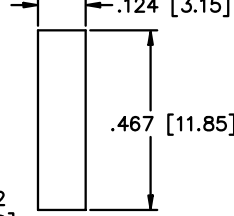
SPECIFICATIONS	FEATURES
<p><b>Contact ratings:</b> 300 mA at 6 VDC</p> <p><b>Initial contact resistance:</b> 60 milliohms max.</p> <p><b>Insulation resistance:</b> 100 megohms min. at 100 VDC</p> <p><b>Dielectric strength:</b> 100 VAC for 1 minute</p> <p><b>Electrical life:</b> 5000 cycles min.</p> <p><b>Operating temperature range:</b> -20°C to +70°C</p> <p><b>Solder heat resistance:</b> 350°C max. for 3 seconds</p> <p><b>Washing not recommended</b></p>	<ul style="list-style-type: none"> <li>Excellent tactile feed-back (detent action).</li> <li>Molded-in terminals minimize flux or solder entry.</li> <li>Ultra-compact case size.</li> <li>Low profile.</li> </ul>
MATERIALS	
<p><b>Contacts &amp; terminals:</b> Silver plated</p> <p><b>Case:</b> 30% Glass filled nylon, type 6/6, black</p> <p><b>Actuator:</b> Nylon, type 6/6, black (blue for MHSS2220 only)</p>	

MODEL NO.			
<b>MHSS1104</b>			
 <p>VERTICAL ACTUATOR</p>	<p><b>1P2T</b></p>  <p>● = COMMON</p>	 <p>MECHANICAL OUTLINE</p>	<p>.079 (2.00) TRAVEL/THROW</p>  <p>P.C. BOARD LAYOUT</p>
<b>MHSS1105</b>			
 <p>RIGHT ANGLE ACTUATOR</p>	<p><b>1P2T</b></p>  <p>● = COMMON</p>	 <p>MECHANICAL OUTLINE</p>	<p>.079 (2.00) TRAVEL/THROW</p>  <p>P.C. BOARD LAYOUT</p>

# MS Series

## Microminiature Slide Switches

SPECIFICATIONS	FEATURES
<p><b>Contact rating:</b> 300 mA at 6 VDC</p> <p><b>Initial contact resistance:</b> 70 milliohms max.</p> <p><b>Insulation resistance:</b> 100 megohms max. at 500 VDC</p> <p><b>Dielectric strength:</b> 500 volts RMS at sea level</p> <p><b>Electrical life:</b> 10,000 cycles min.</p> <p><b>Operating temperature range:</b> -10°C to +60°C</p> <p><b>Solder heat resistance:</b> 260°C max. for 3 seconds</p> <p><b>Washing not recommended</b></p>	<ul style="list-style-type: none"> <li>● <b>Low profile.</b></li> <li>● <b>Insert molded terminals.</b></li> <li>● <b>Stainless steel cover.</b></li> </ul>
	MATERIALS
	<p><b>Contacts &amp; terminals:</b> Silver plated</p> <p><b>Cover:</b> Stainless steel</p> <p><b>Actuator:</b> Thermoplastic</p> <p><b>Base:</b> High temperature thermoplastic    <b>Terminal seal:</b> Insert molded</p>

MODEL NO.			
MS12			
	<b>1P2T</b>		
VERTICAL ACTUATOR			
MODEL NO.			
MS13			
	<b>1P3T</b>		
VERTICAL ACTUATOR			
MODEL NO.			
MS13S			
	<b>1P3T</b>		
VERTICAL ACTUATOR			


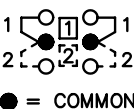
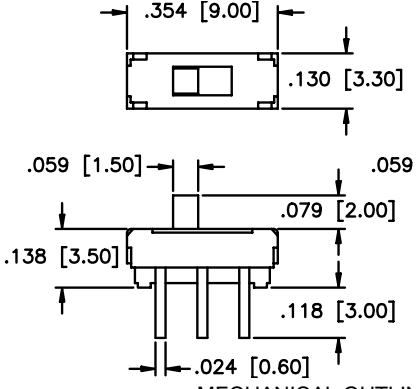
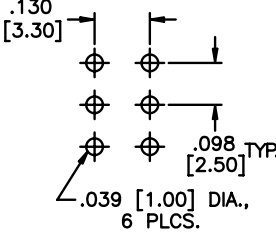

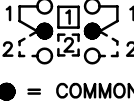
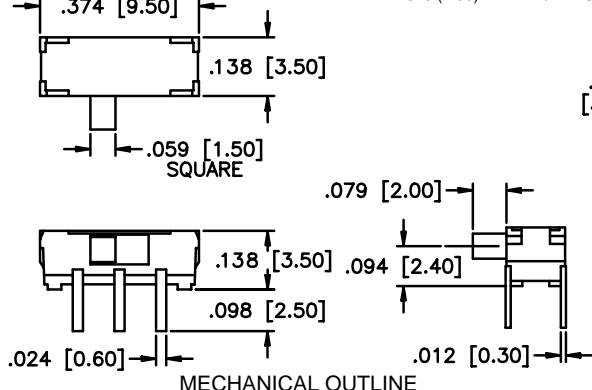
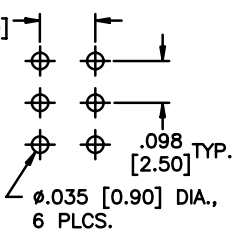

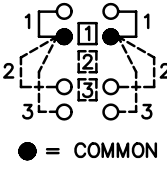
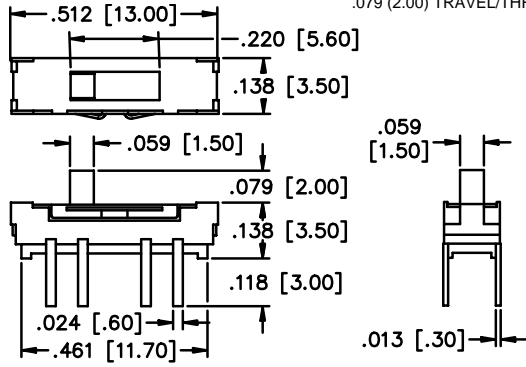
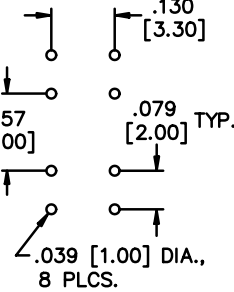

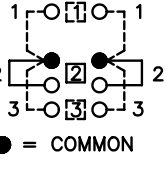
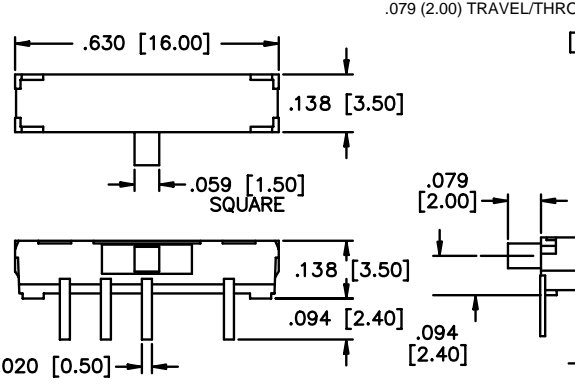
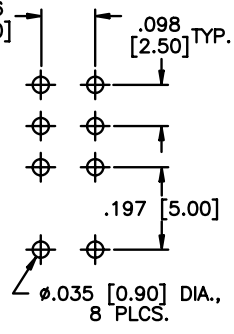
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE


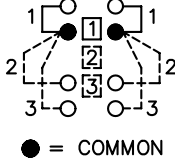
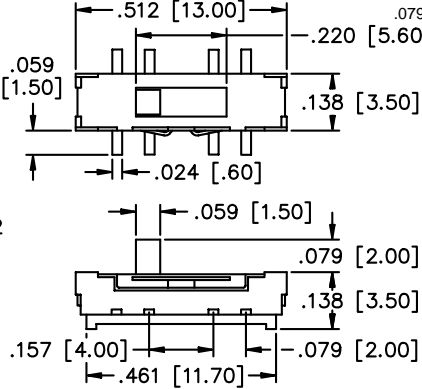
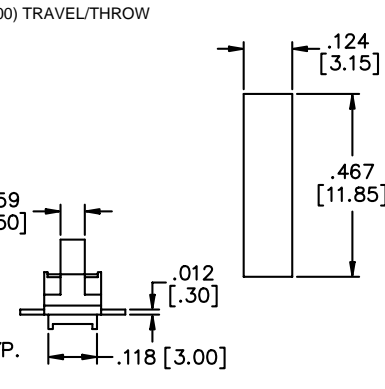

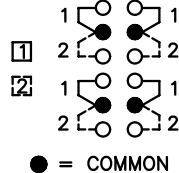
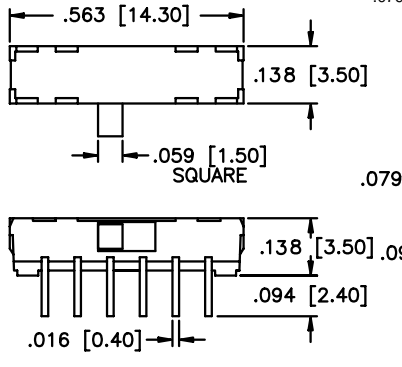
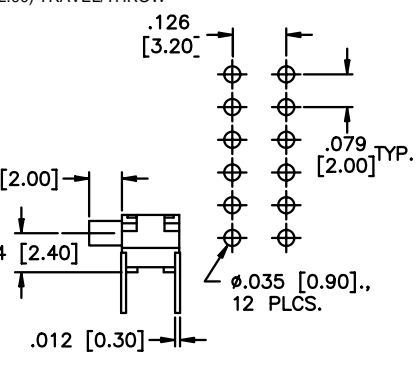


# MS Series

## Microminiature Slide Switches

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

<p><b>MODEL NO.</b> <b>MS22</b></p>  <p>VERTICAL ACTUATOR</p>	<p><b>2P2T</b></p>  <p>● = COMMON</p>  <p>MECHANICAL OUTLINE</p>  <p>P.C. BOARD LAYOUT</p> <p style="text-align: right;">.079 (2.00) TRAVEL/THROW</p>
<p><b>MODEL NO.</b> <b>MS22R</b></p>  <p>RIGHT ANGLE ACTUATOR</p>	<p><b>2P2T</b></p>  <p>● = COMMON</p>  <p>MECHANICAL OUTLINE</p>  <p>P.C. BOARD LAYOUT</p> <p style="text-align: right;">.079 (2.00) TRAVEL/THROW</p>
<p><b>MODEL NO.</b> <b>MS23</b></p>  <p>VERTICAL ACTUATOR</p>	<p><b>2P3T</b></p>  <p>● = COMMON</p>  <p>MECHANICAL OUTLINE</p>  <p>P.C. BOARD LAYOUT</p> <p style="text-align: right;">.079 (2.00) TRAVEL/THROW</p>
<p><b>MODEL NO.</b> <b>MS23R</b></p>  <p>RIGHT ANGLE ACTUATOR</p>	<p><b>2P3T</b></p>  <p>● = COMMON</p>  <p>MECHANICAL OUTLINE</p>  <p>P.C. BOARD CUTOUT</p> <p style="text-align: right;">.079 (2.00) TRAVEL/THROW</p>

<b>MODEL NO.</b>	<b>2P3T</b>		
<b>MS23S</b>			
VERTICAL ACTUATOR	 <p>● = COMMON</p>		
<b>MODEL NO.</b>	<b>4P2T</b>		
<b>MS42R</b>			
RIGHT ANGLE ACTUATOR	 <p>● = COMMON</p>		


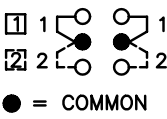
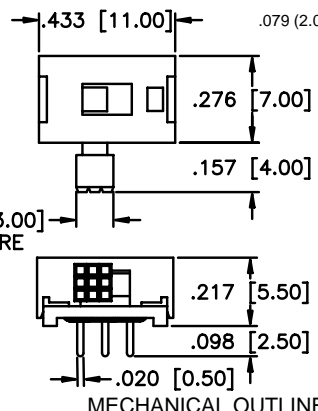
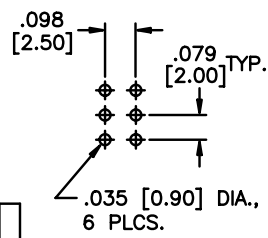

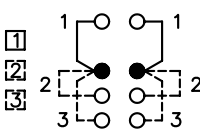
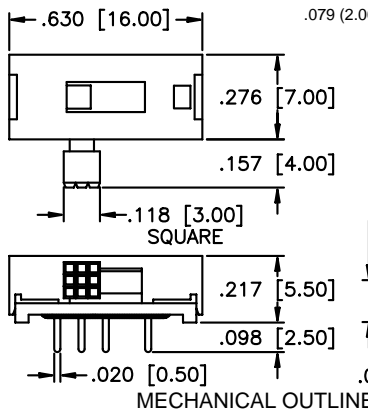
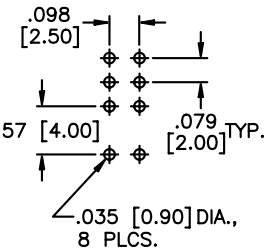

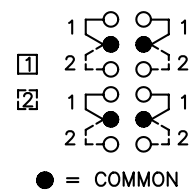
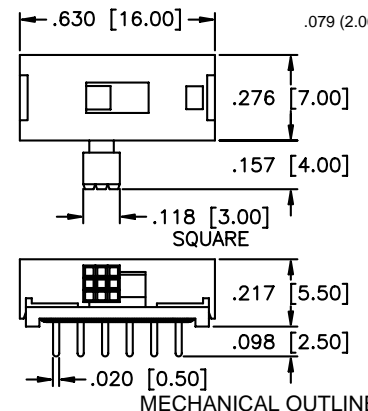
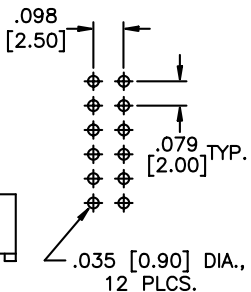
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

# MMS Series

## Microminiature Slide Switches

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE


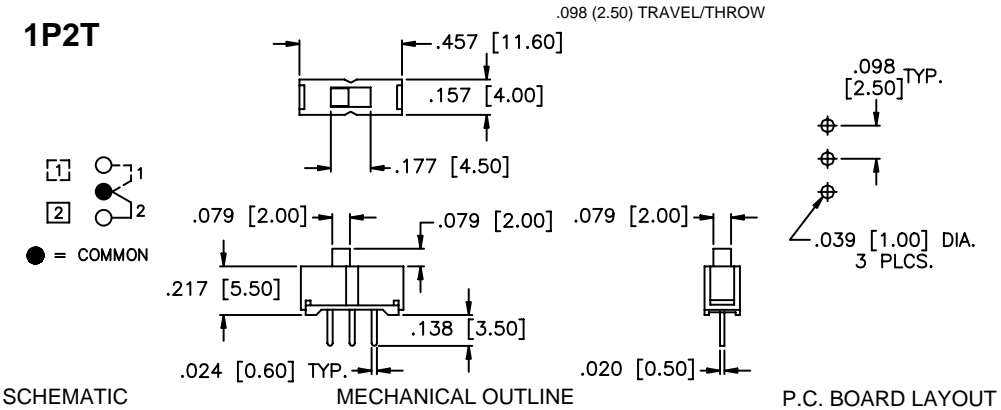

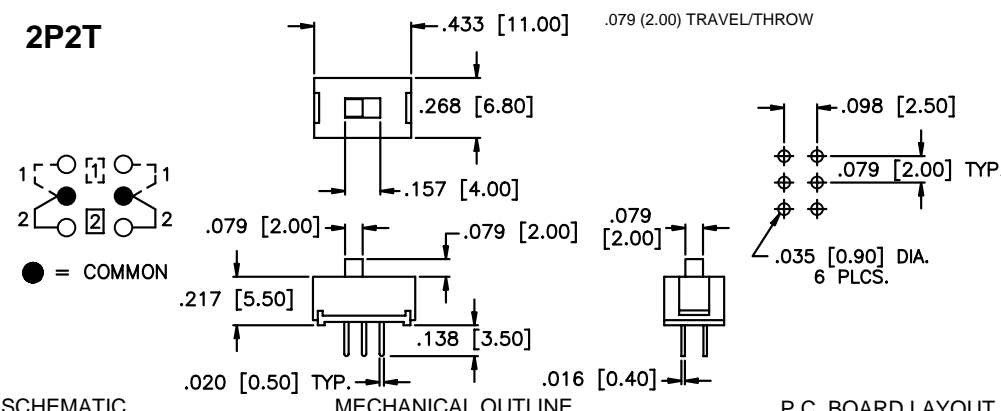

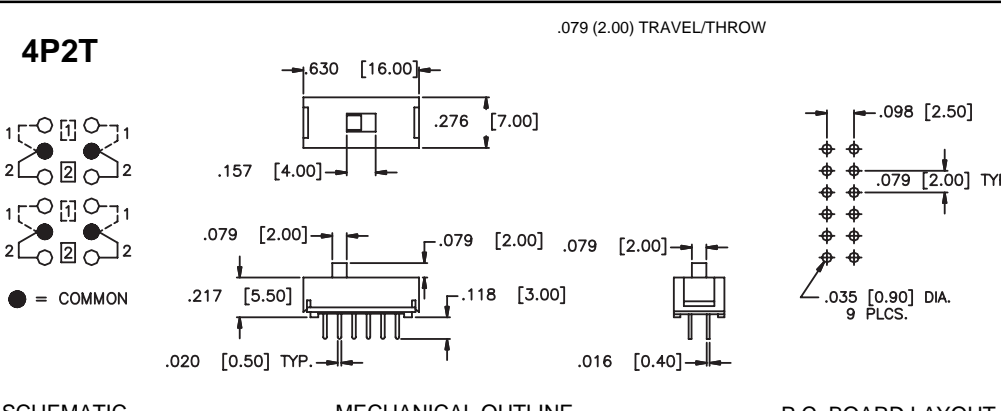

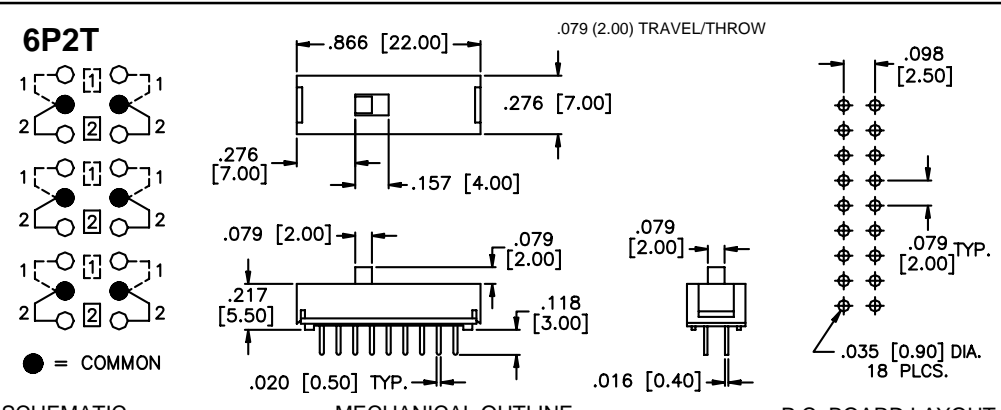
SPECIFICATIONS	FEATURES
<p><b>Contact ratings:</b> 300 mA at 30 VDC</p> <p><b>Initial contact resistance:</b> 25 milliohms max.</p> <p><b>Insulation resistance:</b> 100 megohms min. at 500 VDC</p> <p><b>Dielectric strength:</b> 500 volts RMS for 1 minute</p> <p><b>Electrical life:</b> 10,000 cycles min.</p> <p><b>Operating temperature range:</b> -20°C to +70°C</p> <p><b>Solder heat resistance:</b> 255°C max. for 5 seconds max.</p> <p><b>Washing not recommended</b></p>	<ul style="list-style-type: none"> <li>● <b>Bifurcated wiping contact design.</b></li> <li>● <b>Low Profile.</b></li> <li>● <b>Epoxy sealed terminals.</b></li> <li>● <b>Cosmetic molded case.</b></li> </ul>
MATERIALS	
<p><b>Contacts &amp; terminals:</b> Silver plated</p> <p><b>Case:</b> Polyacetal</p> <p><b>Actuator:</b> PBT                      <b>Base:</b> Glass filled PBT</p> <p><b>Terminal seal:</b> Epoxy or phenol resin</p>	

MODEL NO.			
<b>MMS22R</b>			
 <p>RIGHT ANGLE ACTUATOR</p>	<p><b>2P2T</b></p>  <p>● = COMMON</p>	 <p>MECHANICAL OUTLINE</p>	 <p>P.C. BOARD LAYOUT</p>
MODEL NO.			
<b>MMS23R</b>			
 <p>RIGHT ANGLE ACTUATOR</p>	<p><b>2P3T</b></p>  <p>● = COMMON</p>	 <p>MECHANICAL OUTLINE</p>	 <p>P.C. BOARD LAYOUT</p>
MODEL NO.			
<b>MMS42R</b>			
 <p>RIGHT ANGLE ACTUATOR</p>	<p><b>4P2T</b></p>  <p>● = COMMON</p>	 <p>MECHANICAL OUTLINE</p>	 <p>P.C. BOARD LAYOUT</p>

# MMS Series

## Microminiature Slide Switches

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE


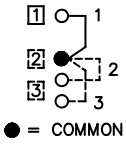
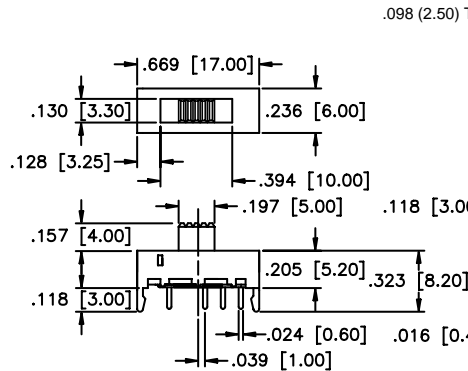
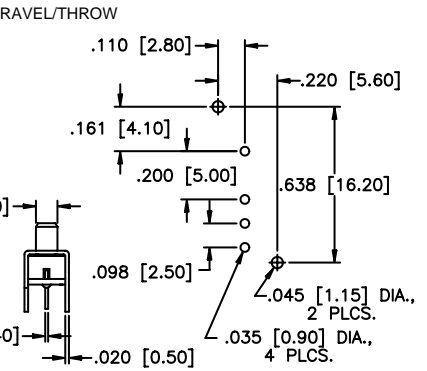

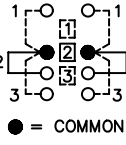
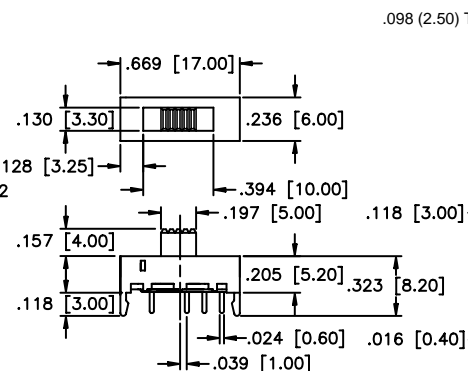
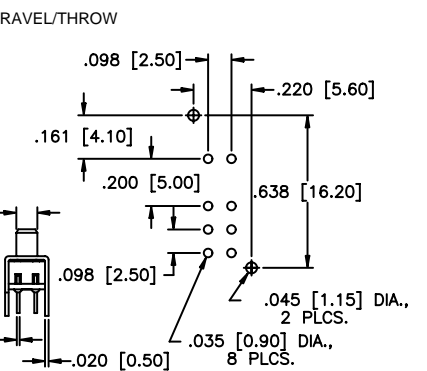
<p><b>MODEL NO.</b></p> <p><b>MMS1208</b></p>  <p>VERTICAL ACTUATOR</p>	<p style="text-align: right;">.098 (2.50) TRAVEL/THROW</p> <p><b>1P2T</b></p>  <p>SCHEMATIC      MECHANICAL OUTLINE      P.C. BOARD LAYOUT</p>
<p><b>MODEL NO.</b></p> <p><b>MMS2214</b></p>  <p>VERTICAL ACTUATOR</p>	<p style="text-align: right;">.079 (2.00) TRAVEL/THROW</p> <p><b>2P2T</b></p>  <p>SCHEMATIC      MECHANICAL OUTLINE      P.C. BOARD LAYOUT</p>
<p><b>MODEL NO.</b></p> <p><b>MMS42</b></p>  <p>VERTICAL ACTUATOR</p>	<p style="text-align: right;">.079 (2.00) TRAVEL/THROW</p> <p><b>4P2T</b></p>  <p>SCHEMATIC      MECHANICAL OUTLINE      P.C. BOARD LAYOUT</p>
<p><b>MODEL NO.</b></p> <p><b>MMS6202</b></p>  <p>VERTICAL ACTUATOR</p>	<p style="text-align: right;">.079 (2.00) TRAVEL/THROW</p> <p><b>6P2T</b></p>  <p>SCHEMATIC      MECHANICAL OUTLINE      P.C. BOARD LAYOUT</p>

# MSTS Series

## Miniature Slide Switches

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

SPECIFICATIONS	FEATURES
<p><b>Contact rating:</b> 300 mA at 28 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 VAC 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>Solder heat resistance:</b> 250°C max. for 5 seconds</p> <p><b>Actuation force:</b> 200-600 grams</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>Snap-in p.c. mounting bracket design.</b></li> <li>● <b>Positive spring loaded ball detent mechanism.</b></li> <li>● <b>Epoxy sealed terminals.</b></li> <li>● <b>Gold plated contacts available - consult factory.</b></li> </ul>
	<b>MATERIALS</b>
	<p><b>Contacts &amp; terminals:</b> Silver plated brass</p> <p><b>Housing:</b> Zinc plated steel</p> <p><b>Actuator:</b> Polyacetal, color black</p> <p><b>Base:</b> Phenolic laminated sheet</p> <p style="text-align: right;"><b>Terminal seal:</b> Epoxy</p>


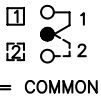
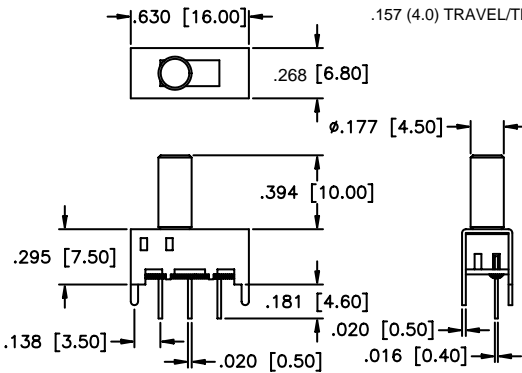
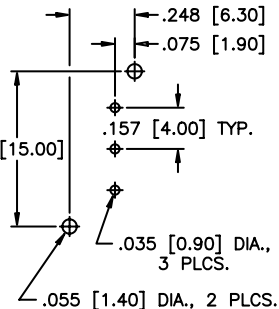

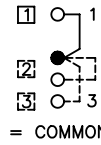
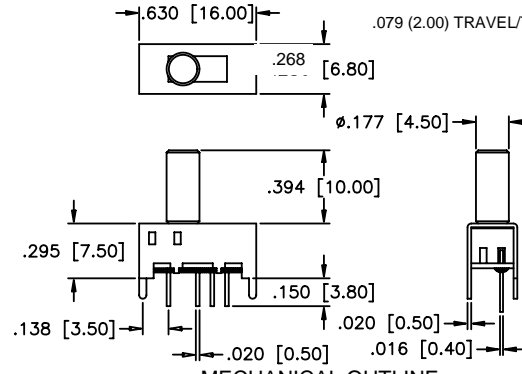
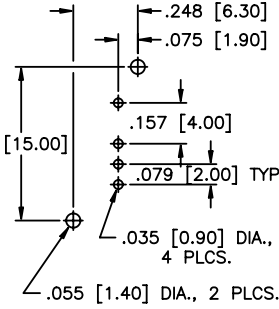
MODEL NO.			
<b>MSTS1332K</b>			
 <p>VERTICAL ACTUATOR</p>	<p><b>1P3T</b></p>  <p>SCHMATIC</p>	<p><b>MECHANICAL OUTLINE</b></p> 	<p><b>P.C. BOARD LAYOUT</b></p> 
<b>MSTS2332K</b>			
 <p>VERTICAL ACTUATOR</p>	<p><b>2P3T</b></p>  <p>SCHMATIC</p>	<p><b>MECHANICAL OUTLINE</b></p> 	<p><b>P.C. BOARD LAYOUT</b></p> 

# MHS Series

## Miniature Slide Switches

with aluminum actuator

SPECIFICATIONS	FEATURES
<p><b>Contact rating:</b> 300 mA at 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 VAC 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>Solder heat resistance:</b> 260°C max. for 3 seconds</p> <p><b>Actuation force:</b> 250 ±150 grams</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 brass</p> <p><b>Housing:</b> Tin plated steel</p> <p><b>Actuator:</b> Aluminum alloy</p> <p><b>Base:</b> Phenolic laminated sheet</p>	<p><b>Terminal seal:</b> Epoxy</p>

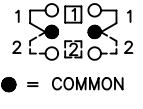
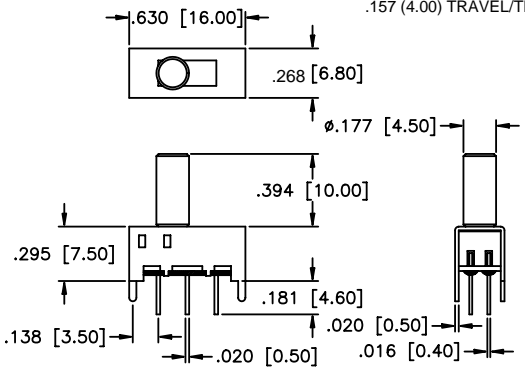
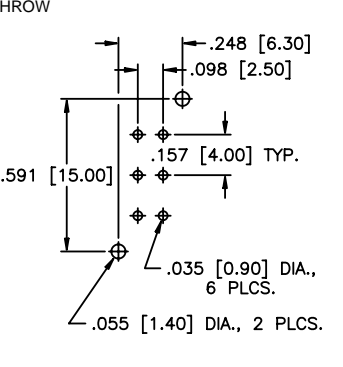
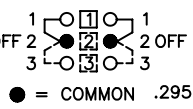
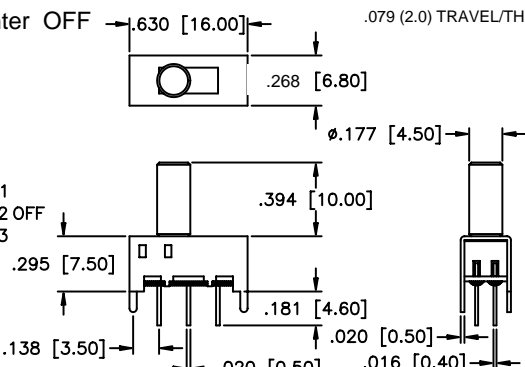
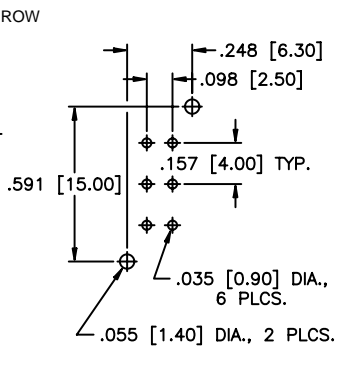
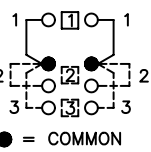
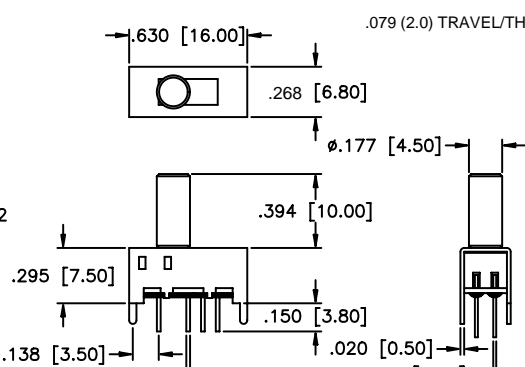
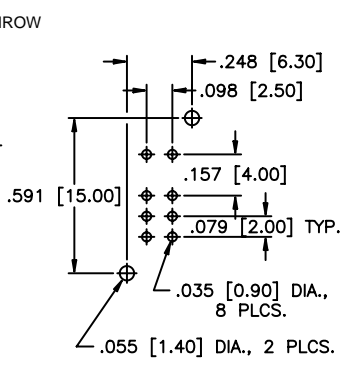
MODEL NO.			
<b>MHS122K</b>	<b>1P2T</b>		
 <p style="text-align: center;">VERTICAL ACTUATOR</p>	 <p style="text-align: center;">SCHEMATIC</p>	 <p style="text-align: center;">MECHANICAL OUTLINE</p>	 <p style="text-align: center;">P.C. BOARD LAYOUT</p>
<b>MHS133K</b>	<b>1P3T</b>		
 <p style="text-align: center;">VERTICAL ACTUATOR</p>	 <p style="text-align: center;">SCHEMATIC</p>	 <p style="text-align: center;">MECHANICAL OUTLINE</p>	 <p style="text-align: center;">P.C. BOARD LAYOUT</p>

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

# MHS Series Miniature Slide Switches

with aluminum actuator

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE


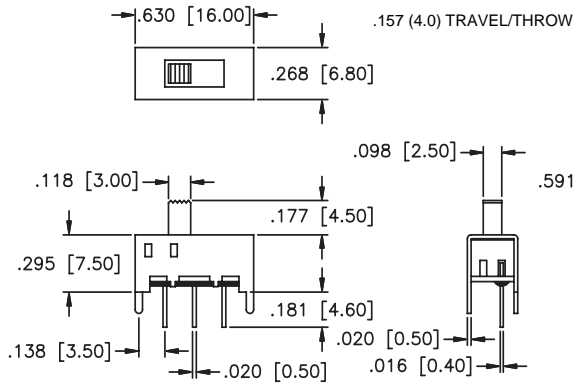
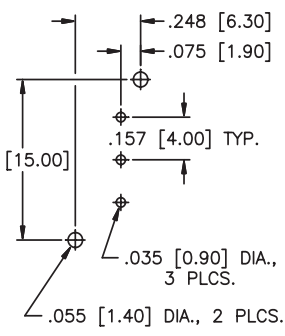

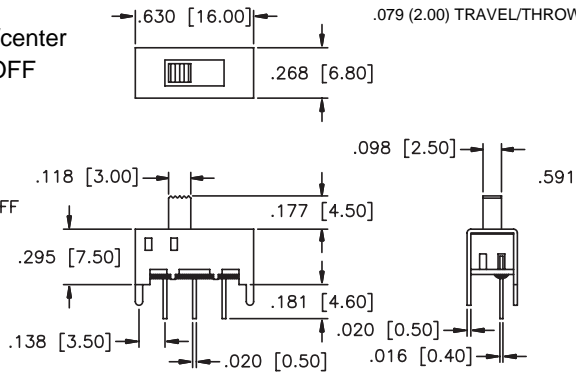
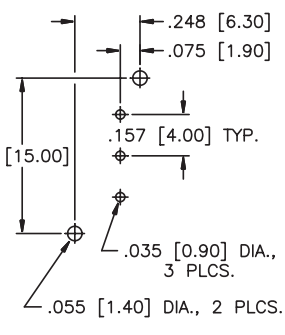

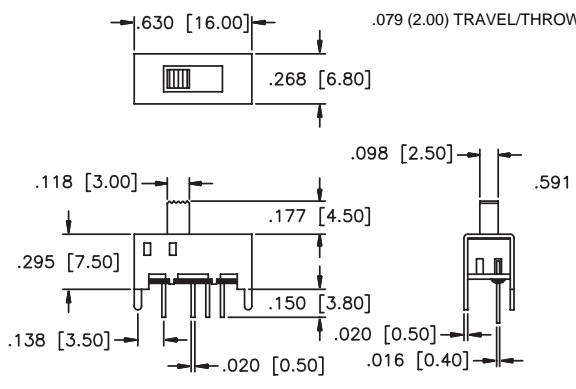
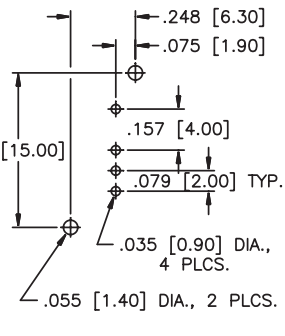
<p><b>MODEL NO.</b></p> <p><b>MHS222K</b></p>	<p><b>2P2T</b></p>  <p>● = COMMON</p>	 <p style="text-align: center;">MECHANICAL OUTLINE</p>	 <p style="text-align: center;">P.C. BOARD LAYOUT</p>	
<p><b>VERTICAL ACTUATOR</b></p>	<p><b>MODEL NO.</b></p> <p><b>MHS223K</b></p>	<p><b>2P2T w/center OFF</b></p>  <p>● = COMMON</p>	 <p style="text-align: center;">MECHANICAL OUTLINE</p>	 <p style="text-align: center;">P.C. BOARD LAYOUT</p>
<p><b>VERTICAL ACTUATOR</b></p>	<p><b>MODEL NO.</b></p> <p><b>MHS233K</b></p>	<p><b>2P3T</b></p>  <p>● = COMMON</p>	 <p style="text-align: center;">MECHANICAL OUTLINE</p>	 <p style="text-align: center;">P.C. BOARD LAYOUT</p>
<p><b>VERTICAL ACTUATOR</b></p>	<p><b>SCHMATIC</b></p>	<p><b>SCHMATIC</b></p>	<p><b>SCHMATIC</b></p>	<p><b>SCHMATIC</b></p>

New!

# MHS Series Miniature Slide Switches

SPECIFICATIONS	FEATURES
<p><b>Contact rating:</b> 300 mA at 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 VAC 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>Solder heat resistance:</b> 260°C max. for 3 seconds</p> <p><b>Actuation force:</b> 250 ±150 grams</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 brass</p> <p><b>Housing:</b> Tin plated steel</p> <p><b>Actuator:</b> Polyacetal</p> <p><b>Base:</b> Phenolic laminated sheet</p> <p style="text-align: right;"><b>Terminal seal:</b> Epoxy</p>

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

<b>MODEL NO.</b>			
<b>MHS122</b>			
	<b>1P2T</b>		
VERTICAL ACTUATOR	SCHEMATIC	MECHANICAL OUTLINE	P.C. BOARD LAYOUT
<b>MODEL NO.</b>			
<b>MHS123</b>			
	<b>1P2T w/center OFF</b>		
VERTICAL ACTUATOR	SCHEMATIC	MECHANICAL OUTLINE	P.C. BOARD LAYOUT
<b>MODEL NO.</b>			
<b>MHS133</b>			
	<b>1P3T</b>		
VERTICAL ACTUATOR	SCHEMATIC	MECHANICAL OUTLINE	P.C. BOARD LAYOUT


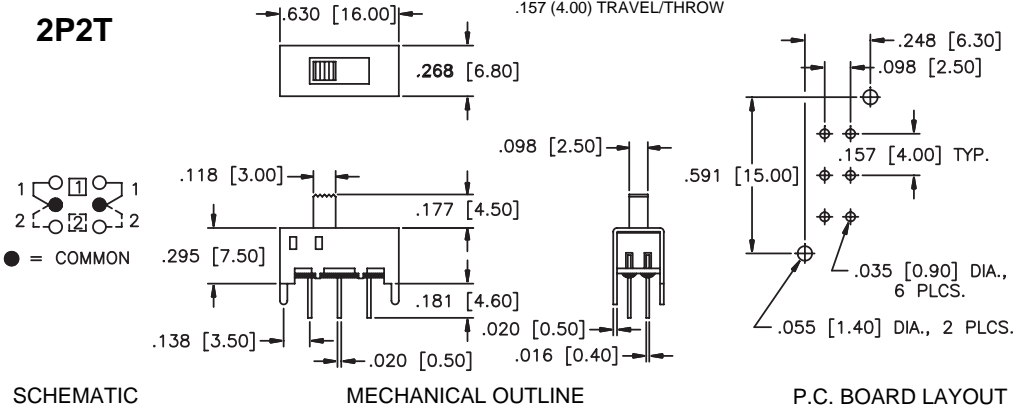

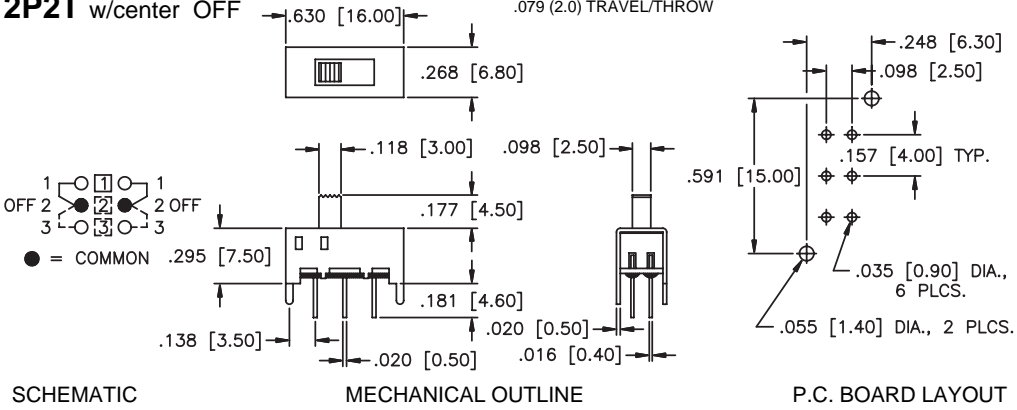

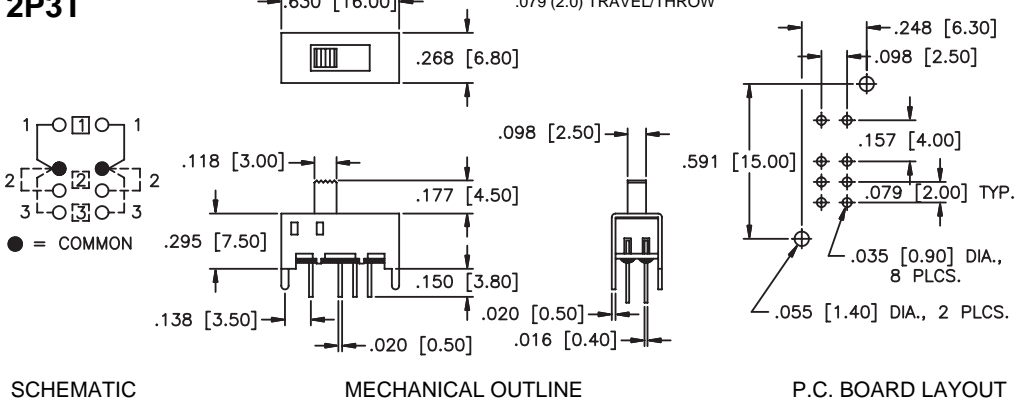


# MHS Series

## Miniature Slide Switches

New!

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

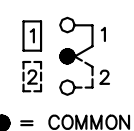
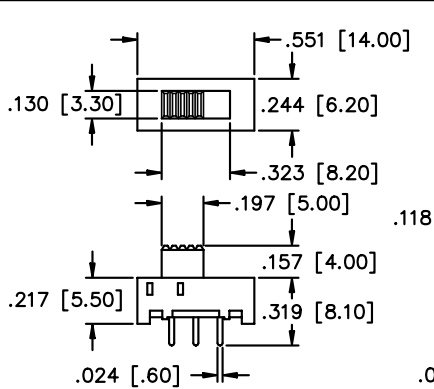
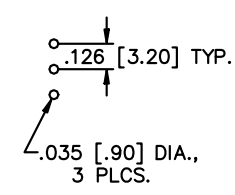
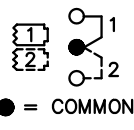
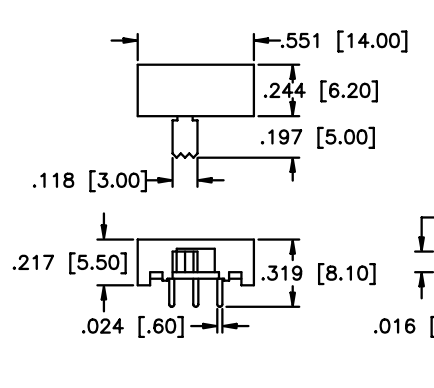
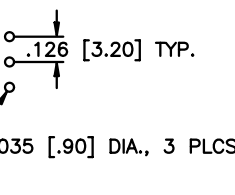
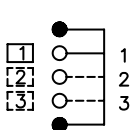
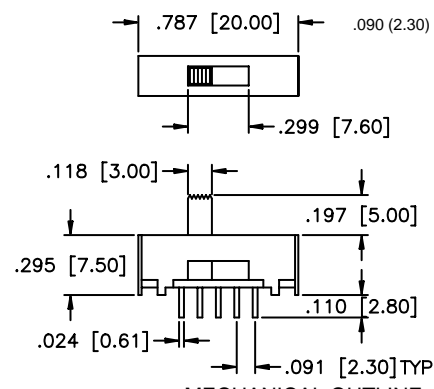
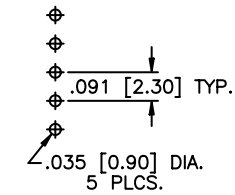
<p><b>MODEL NO.</b></p> <p><b>MHS222</b></p>  <p>VERTICAL ACTUATOR</p>	<p><b>2P2T</b></p>  <p><b>SCHMATIC</b>      <b>MECHANICAL OUTLINE</b>      <b>P.C. BOARD LAYOUT</b></p>
<p><b>MODEL NO.</b></p> <p><b>MHS223</b></p>  <p>VERTICAL ACTUATOR</p>	<p><b>2P2T w/center OFF</b></p>  <p><b>SCHMATIC</b>      <b>MECHANICAL OUTLINE</b>      <b>P.C. BOARD LAYOUT</b></p>
<p><b>MODEL NO.</b></p> <p><b>MHS233</b></p>  <p>VERTICAL ACTUATOR</p>	<p><b>2P3T</b></p>  <p><b>SCHMATIC</b>      <b>MECHANICAL OUTLINE</b>      <b>P.C. BOARD LAYOUT</b></p>

# 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>Miniature compact size.</li> <li>Wash-through open frame construction.</li> <li>Positive spring loaded ball detent mechanism.</li> <li>Epoxy sealed terminals.</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><b>Terminal seal:</b> Epoxy</p>

<p><b>MODEL NO.</b></p> <p style="color: red;"><b>SLB12814</b></p>	<p><b>1P2T</b></p>  <p>● = COMMON</p>	 <p style="text-align: right;">.126 (3.20) TRAVEL/THROW</p>	 <p style="text-align: center;">P.C. BOARD LAYOUT</p>
<p><b>MODEL NO.</b></p> <p style="color: red;"><b>SLB1281R5</b></p>	<p><b>1P2T</b></p>  <p>● = COMMON</p>	 <p style="text-align: right;">.126 (3.20) TRAVEL/THROW</p>	 <p style="text-align: center;">P.C. BOARD LAYOUT</p>
<p><b>MODEL NO.</b></p> <p style="color: red;"><b>SLB1370</b></p>	<p><b>1P3T</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>


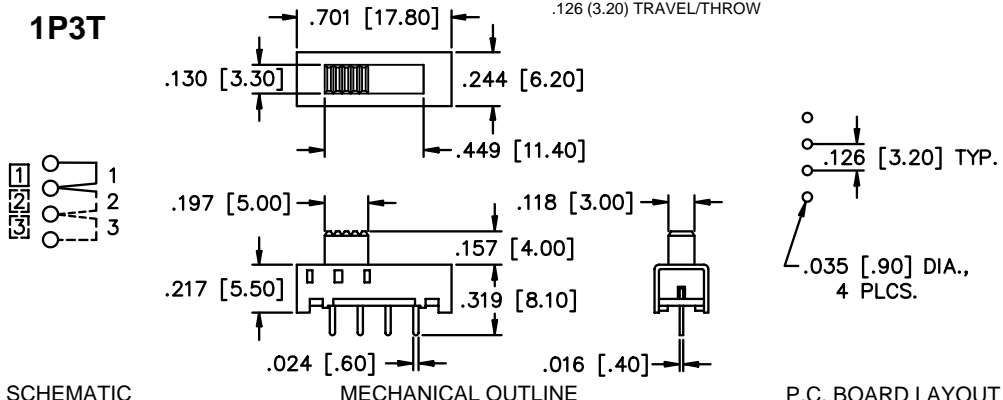

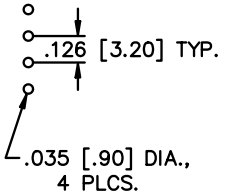

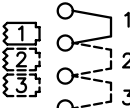
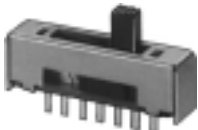
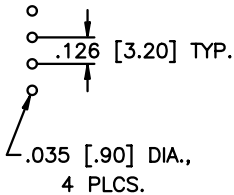
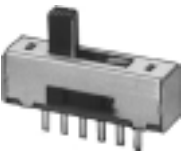
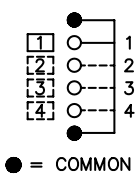
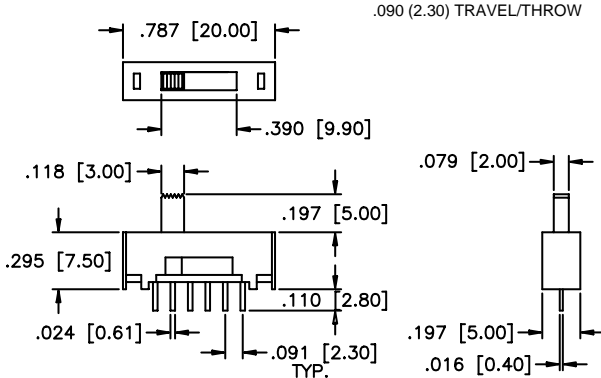
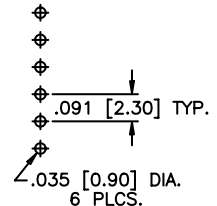

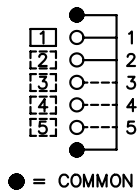
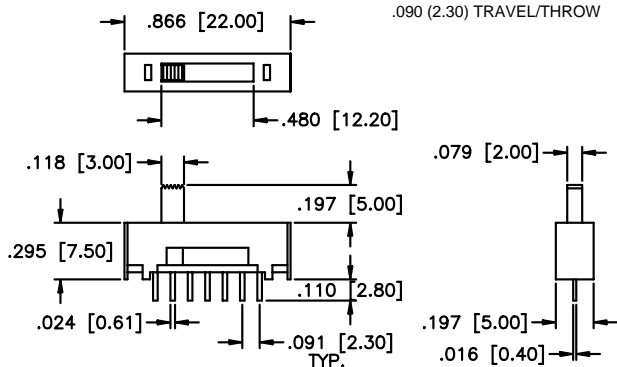
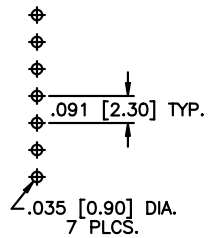
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

# SLB Series

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

## Miniature Slide Switches

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE


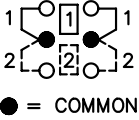
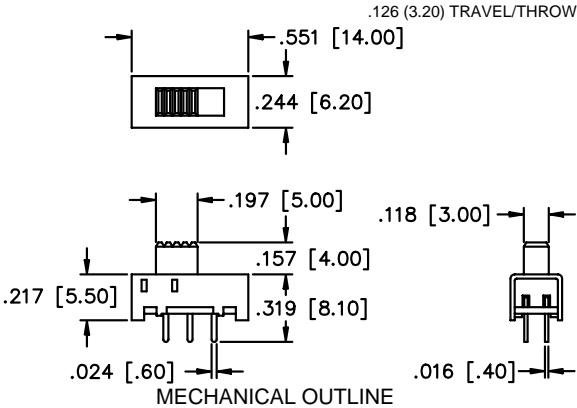
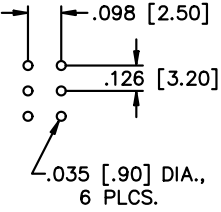

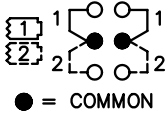
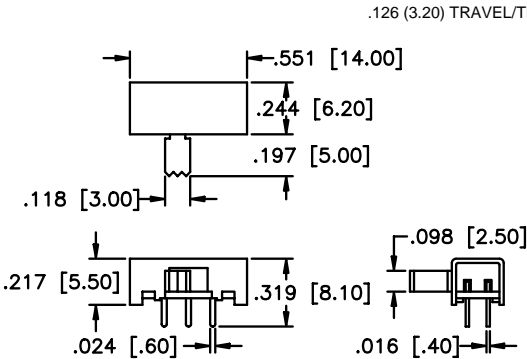
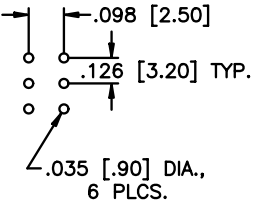

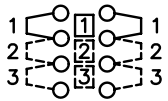
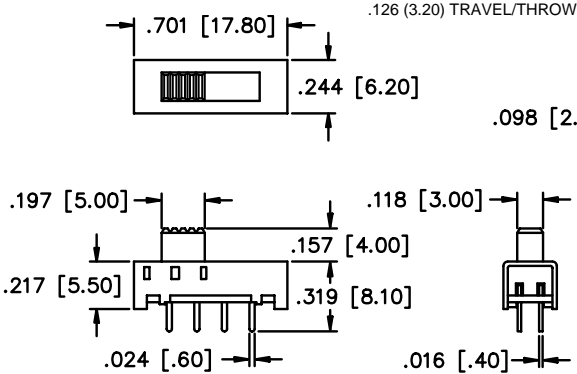
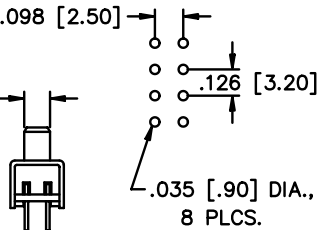

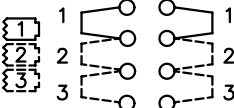
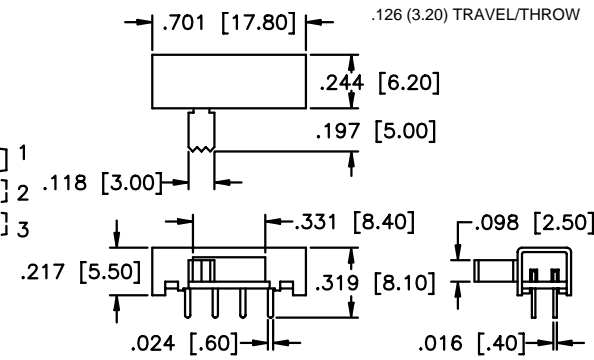
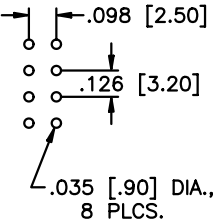
<b>MODEL NO.</b> <b>SLB13814</b>		<p><b>1P3T</b></p> 	<p style="text-align: right;">.126 (3.20) TRAVEL/THROW</p> 	
<b>MODEL NO.</b> <b>SLB1381R5</b>		<p><b>1P3T</b></p> 	<p style="text-align: right;">.126 (3.20) TRAVEL/THROW</p> 	
<b>MODEL NO.</b> <b>SLB1470</b>		<p><b>1P4T</b></p> 	<p style="text-align: right;">.090 (2.30) TRAVEL/THROW</p> 	
<b>MODEL NO.</b> <b>SLB1570</b>		<p><b>1P5T</b></p> 	<p style="text-align: right;">.090 (2.30) TRAVEL/THROW</p> 	

# SLB Series

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

## Miniature Slide Switches

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

<p><b>MODEL NO.</b></p> <p><b>SLB22814</b></p>  <p>VERTICAL ACTUATOR</p>	<p><b>2P2T</b></p>  <p>● = COMMON</p> <p>SCHEMATIC</p>	 <p>MECHANICAL OUTLINE</p>	 <p>P.C. BOARD LAYOUT</p>
<p><b>MODEL NO.</b></p> <p><b>SLB2281R5</b></p>  <p>RIGHT ANGLE ACTUATOR</p>	<p><b>2P2T</b></p>  <p>● = COMMON</p> <p>SCHEMATIC</p>	 <p>MECHANICAL OUTLINE</p>	 <p>P.C. BOARD LAYOUT</p>
<p><b>MODEL NO.</b></p> <p><b>SLB23814</b></p>  <p>VERTICAL ACTUATOR</p>	<p><b>2P3T</b></p>  <p>SCHEMATIC</p>	 <p>MECHANICAL OUTLINE</p>	 <p>P.C. BOARD LAYOUT</p>
<p><b>MODEL NO.</b></p> <p><b>SLB2381R5</b></p>  <p>RIGHT ANGLE ACTUATOR</p>	<p><b>2P3T</b></p>  <p>SCHEMATIC</p>	 <p>MECHANICAL OUTLINE</p>	 <p>P.C. BOARD LAYOUT</p>


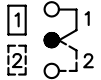
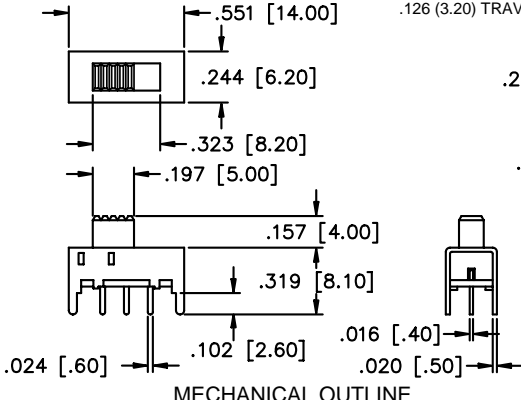
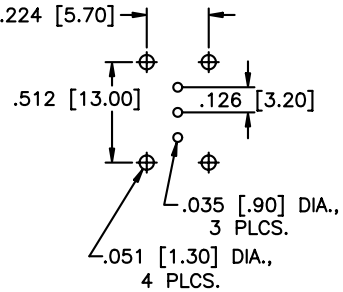

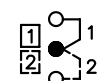
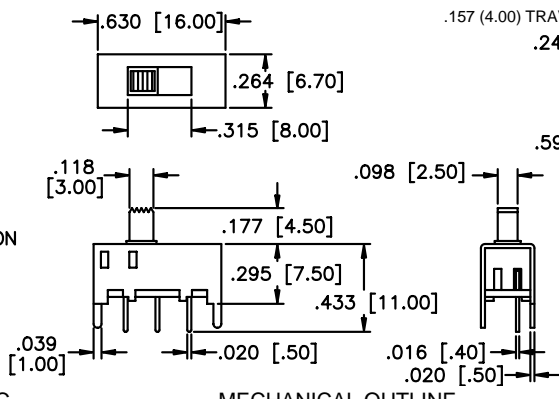
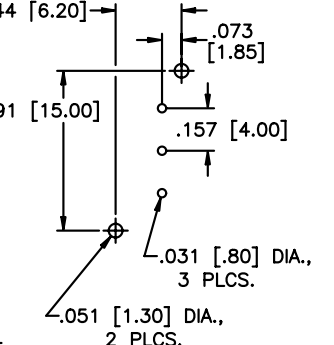

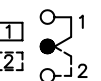
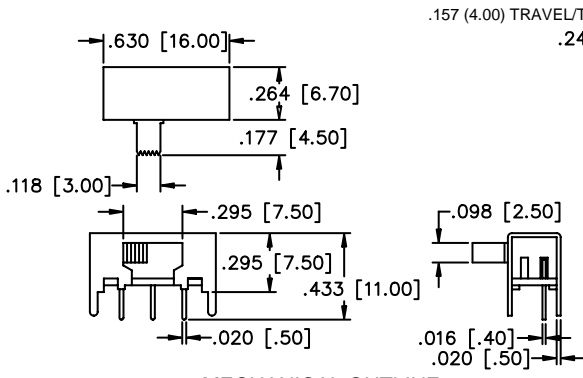
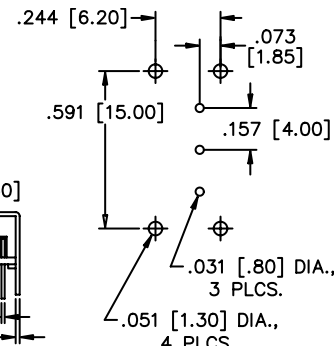
# SLB Series

(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>


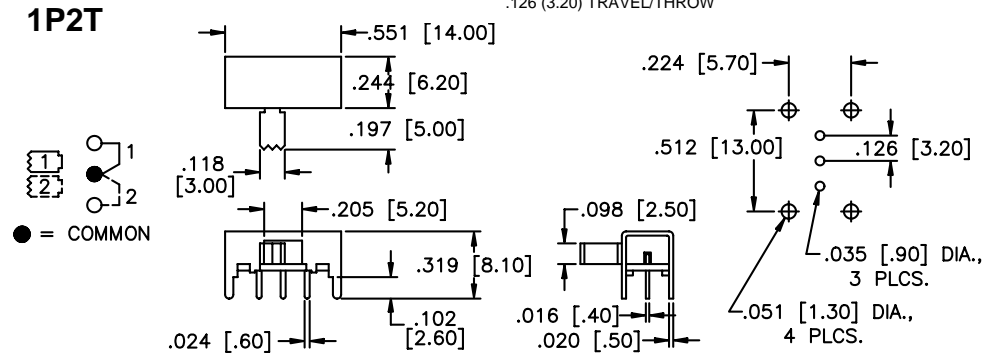

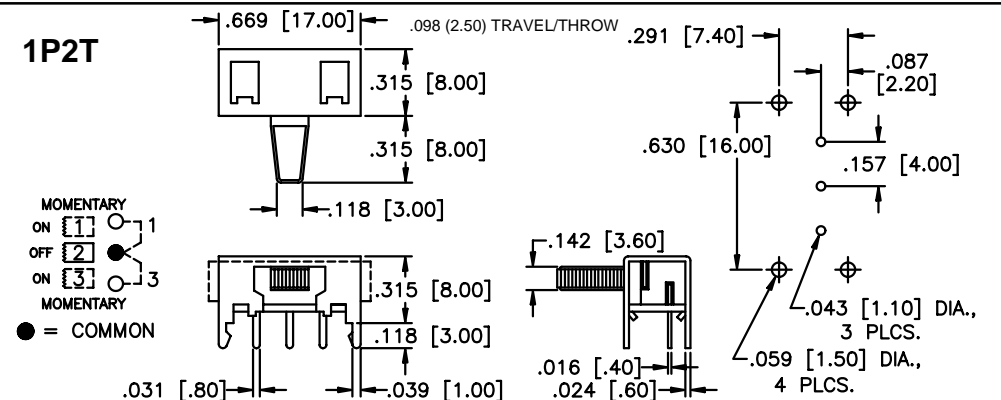
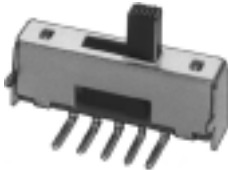
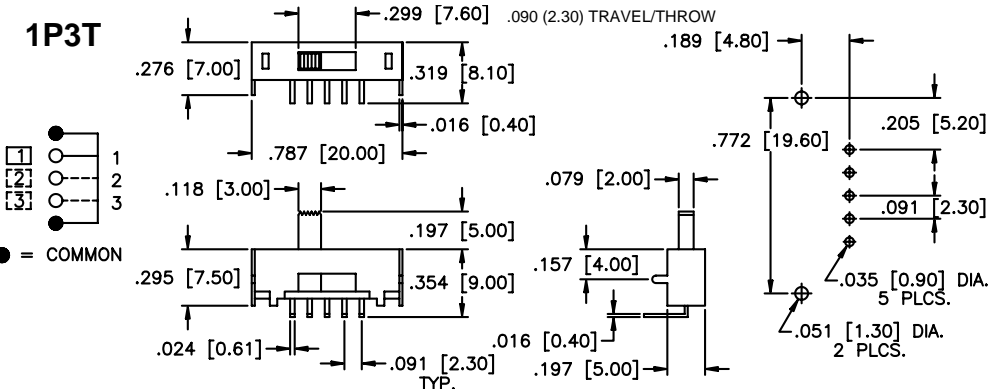

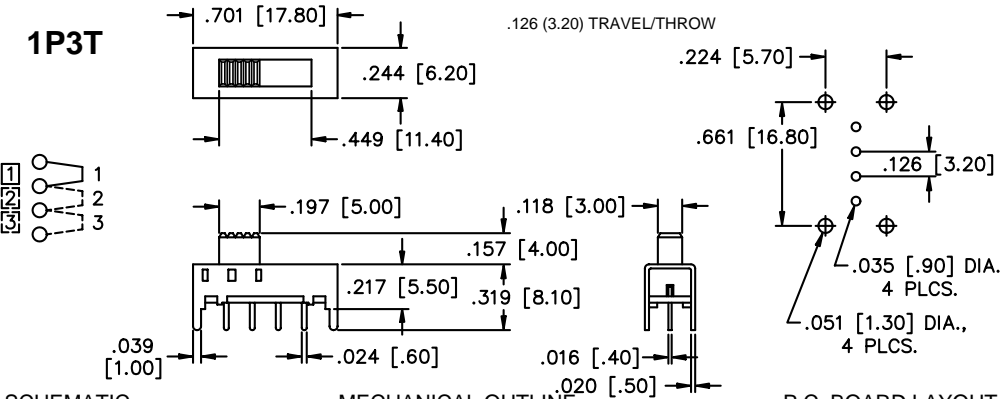
MODEL NO.			
SLB12804			
	<p><b>1P2T</b></p>  <p>● = COMMON</p>	 <p>MECHANICAL OUTLINE</p>	 <p>P.C. BOARD LAYOUT</p>
VERTICAL ACTUATOR	SCHEMATIC	MECHANICAL OUTLINE	P.C. BOARD LAYOUT
MODEL NO.			
SLB124145			
	<p><b>1P2T</b></p>  <p>● = COMMON</p>	 <p>MECHANICAL OUTLINE</p>	 <p>P.C. BOARD LAYOUT</p>
VERTICAL ACTUATOR	SCHEMATIC	MECHANICAL OUTLINE	P.C. BOARD LAYOUT
MODEL NO.			
SLB1240R45			
	<p><b>1P2T</b></p>  <p>● = COMMON</p>	 <p>MECHANICAL OUTLINE</p>	 <p>P.C. BOARD LAYOUT</p>
RIGHT ANGLE ACTUATOR	SCHEMATIC	MECHANICAL OUTLINE	P.C. BOARD LAYOUT

# SLB Series

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

## Miniature Slide Switches

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE




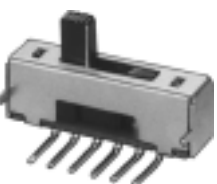
<p><b>MODEL NO.</b></p> <p style="color: red;"><b>SLB1280R5</b></p>  <p>RIGHT ANGLE ACTUATOR</p>	<p style="text-align: right;">.126 (3.20) TRAVEL/THROW</p> <p><b>1P2T</b></p>  <p style="text-align: center;">SCHEMATIC                      MECHANICAL OUTLINE                      P.C. BOARD LAYOUT</p>
<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>  <p style="text-align: center;">SCHEMATIC                      MECHANICAL OUTLINE                      P.C. BOARD LAYOUT</p>
<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>  <p style="text-align: center;">SCHEMATIC                      MECHANICAL OUTLINE                      P.C. BOARD LAYOUT</p>
<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>  <p style="text-align: center;">SCHEMATIC                      MECHANICAL OUTLINE                      P.C. BOARD LAYOUT</p>

# SLB Series

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

## Miniature Slide Switches

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

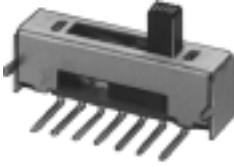
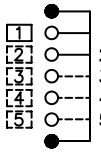
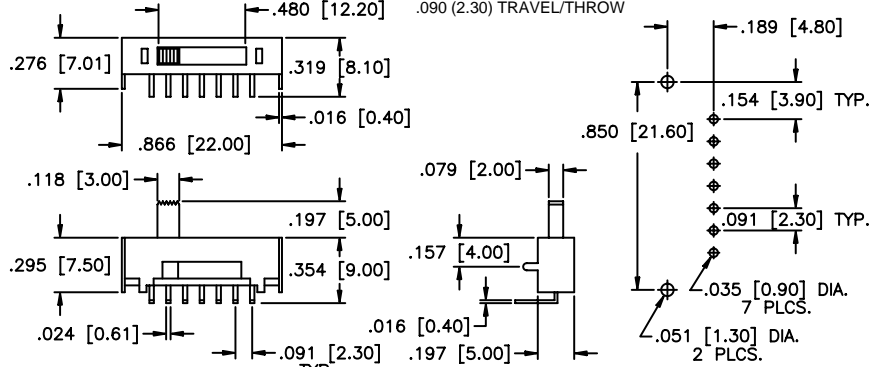

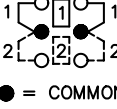
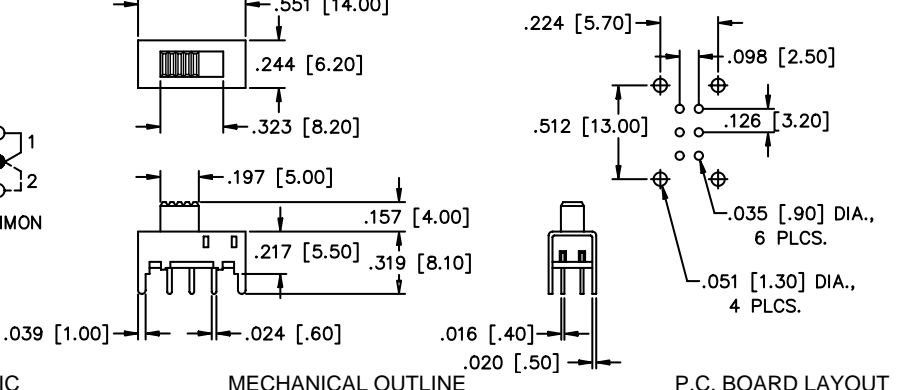
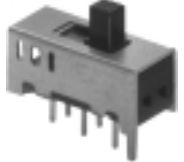
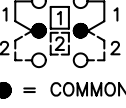
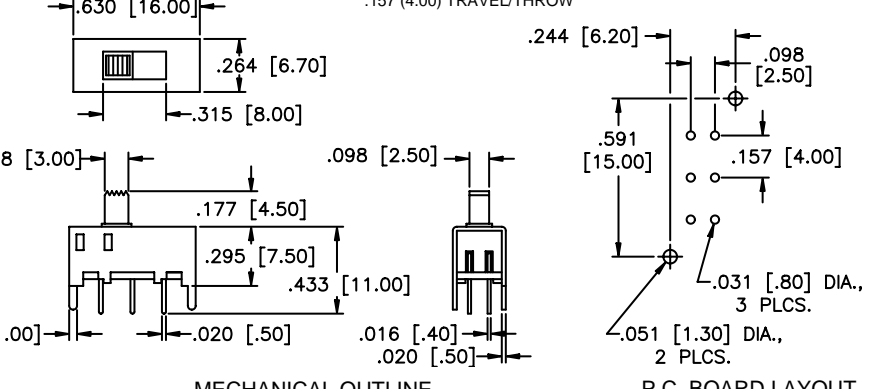
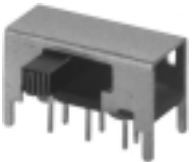
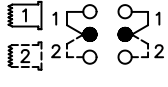
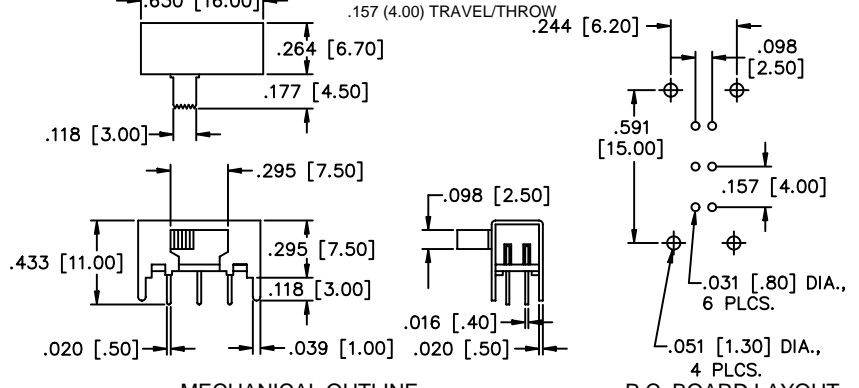
<b>MODEL NO.</b> <b>SLB134145</b>	<p><b>1P3T</b></p>  <p>VERTICAL ACTUATOR</p> <p><b>Schematic:</b> 1P3T configuration with terminals 1, 2, and 3. Terminal 2 is the common terminal.</p> <p><b>Mechanical Outline:</b> Dimensions include .630 [16.00] total width, .079 (2.00) TRAVEL/THROW, .264 [6.70] actuator height, .315 [8.00] terminal spacing, .118 [3.00] terminal offset, .177 [4.50] terminal width, .295 [7.50] base height, .433 [11.00] base length, .098 [2.50] actuator stem diameter, .020 [.50] base thickness, .244 [6.20] mounting hole spacing, .591 [15.00] mounting hole offset, .073 [1.85] mounting hole diameter, .157 [4.00] terminal offset, .079 [2.00] TYP. terminal width, .031 [.80] DIA., 4 PLCS. terminal diameter, and .051 [1.30] DIA., 2 PLCS. terminal diameter.</p> <p><b>P.C. BOARD LAYOUT:</b> Shows mounting hole positions and terminal locations.</p>
<b>MODEL NO.</b> <b>SLB1340R45</b>	<p><b>1P3T</b></p>  <p>RIGHT ANGLE ACTUATOR</p> <p><b>Schematic:</b> 1P3T configuration with terminals 1, 2, and 3. Terminal 2 is the common terminal.</p> <p><b>Mechanical Outline:</b> Dimensions include .630 [16.00] total width, .079 (2.00) TRAVEL/THROW, .264 [6.70] actuator height, .177 [4.50] terminal width, .118 [3.00] terminal offset, .295 [7.50] base height, .433 [11.00] base length, .098 [2.50] actuator stem diameter, .039 [1.00] base offset, .020 [.50] base thickness, .244 [6.20] mounting hole spacing, .591 [15.00] mounting hole offset, .073 [1.85] mounting hole diameter, .157 [4.00] terminal offset, .079 [2.00] TYP. terminal width, .031 [.80] DIA., 4 PLCS. terminal diameter, and .051 [1.30] DIA., 4 PLCS. terminal diameter.</p> <p><b>P.C. BOARD LAYOUT:</b> Shows mounting hole positions and terminal locations.</p>
<b>MODEL NO.</b> <b>SLB1380R5</b>	<p><b>1P3T</b></p>  <p>RIGHT ANGLE ACTUATOR</p> <p><b>Schematic:</b> 1P3T configuration with terminals 1, 2, and 3. Terminal 2 is the common terminal.</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] terminal width, .118 [3.00] terminal offset, .331 [8.40] terminal spacing, .217 [5.50] base height, .319 [8.10] base length, .098 [2.50] actuator stem diameter, .039 [1.00] base offset, .024 [.60] base thickness, .102 [2.60] base offset, .244 [6.20] mounting hole spacing, .661 [16.80] mounting hole offset, .126 [3.20] mounting hole diameter, .035 [.90] DIA., 4 PLCS. terminal diameter, and .051 [1.30] DIA., 4 PLCS. terminal diameter.</p> <p><b>P.C. BOARD LAYOUT:</b> Shows mounting hole positions and terminal locations.</p>
<b>MODEL NO.</b> <b>SLB1470R</b>	<p><b>1P4T</b></p>  <p>RIGHT ANGLE ACTUATOR</p> <p><b>Schematic:</b> 1P4T configuration with terminals 1, 2, 3, and 4. Terminal 2 is the common terminal.</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] base length, .016 [0.40] terminal offset, .787 [20.00] terminal spacing, .118 [3.00] terminal offset, .197 [5.00] terminal width, .295 [7.50] base height, .354 [9.00] base length, .079 [2.00] actuator stem diameter, .024 [0.61] base offset, .091 [2.30] TYP. base offset, .016 [0.40] base thickness, .157 [4.00] mounting hole offset, .189 [4.80] mounting hole offset, .159 [4.05] mounting hole diameter, .091 [2.30] TYP. terminal width, .035 [.90] DIA., 6 PLCS. terminal diameter, and .051 [1.30] DIA., 2 PLCS. terminal diameter.</p> <p><b>P.C. BOARD LAYOUT:</b> Shows mounting hole positions and terminal locations.</p>

# SLB Series

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

## Miniature Slide Switches

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE


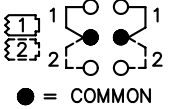
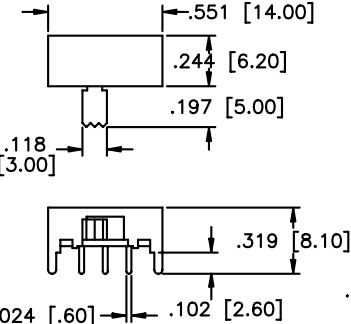
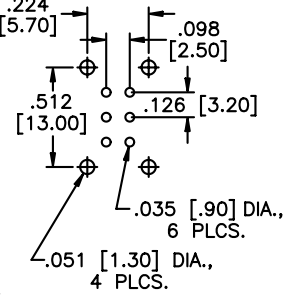

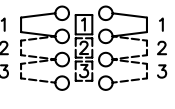
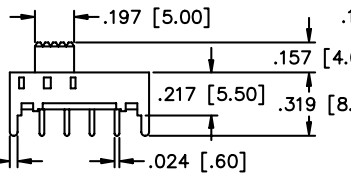
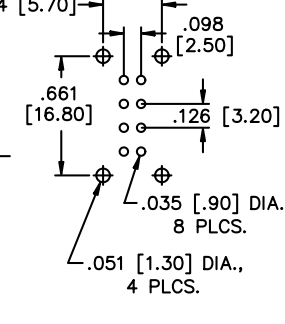
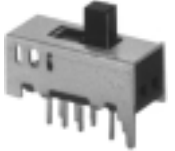
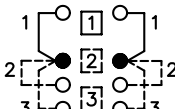
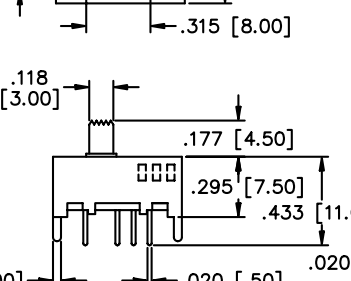
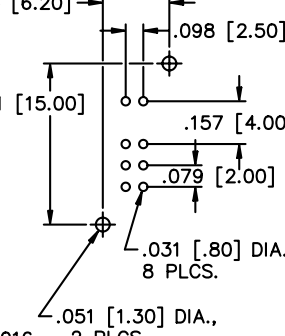

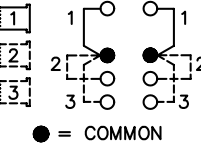
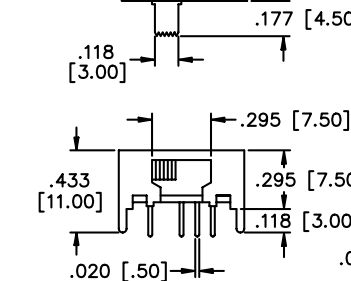
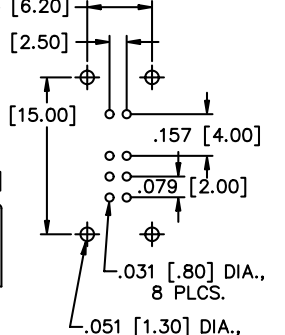
<p><b>MODEL NO.</b> <b>SLB1570R</b></p>  <p>RIGHT ANGLE ACTUATOR</p>	<p><b>1P5T</b></p>  <p>● = COMMON</p>  <p>SCHEMATIC      MECHANICAL OUTLINE      P.C. BOARD LAYOUT</p>
<p><b>MODEL NO.</b> <b>SLB22804</b></p>  <p>VERTICAL ACTUATOR</p>	<p><b>2P2T</b></p>  <p>● = COMMON</p>  <p>SCHEMATIC      MECHANICAL OUTLINE      P.C. BOARD LAYOUT</p>
<p><b>MODEL NO.</b> <b>SLB224145</b></p>  <p>VERTICAL ACTUATOR</p>	<p><b>2P2T</b></p>  <p>● = COMMON</p>  <p>SCHEMATIC      MECHANICAL OUTLINE      P.C. BOARD LAYOUT</p>
<p><b>MODEL NO.</b> <b>SLB2240R45</b></p>  <p>RIGHT ANGLE ACTUATOR</p>	<p><b>2P2T</b></p>  <p>● = COMMON</p>  <p>SCHEMATIC      MECHANICAL OUTLINE      P.C. BOARD LAYOUT</p>



# SLB Series

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

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

<b>MODEL NO.</b>	.126 (3.20) TRAVEL/THROW		
<b>SLB2280R5</b>	<b>2P2T</b>		
	 <p>● = COMMON</p>		
<b>RIGHT ANGLE ACTUATOR</b>	<b>SCHEMATIC</b>	<b>MECHANICAL OUTLINE</b>	<b>P.C. BOARD LAYOUT</b>
<b>MODEL NO.</b>	.126 (3.20) TRAVEL/THROW		
<b>SLB23804</b>	<b>2P3T</b>		
			
<b>VERTICAL ACTUATOR</b>	<b>SCHEMATIC</b>	<b>MECHANICAL OUTLINE</b>	<b>P.C. BOARD LAYOUT</b>
<b>MODEL NO.</b>	.126 (3.20) TRAVEL/THROW		
<b>SLB234145</b>	<b>2P3T</b>		
	 <p>● = COMMON</p>		
<b>VERTICAL ACTUATOR</b>	<b>SCHEMATIC</b>	<b>MECHANICAL OUTLINE</b>	<b>P.C. BOARD LAYOUT</b>
<b>MODEL NO.</b>	.079 (2.00) TRAVEL/THROW		
<b>SLB2340R45</b>	<b>2P3T</b>		
	 <p>● = COMMON</p>		
<b>RIGHT ANGLE ACTUATOR</b>	<b>SCHEMATIC</b>	<b>MECHANICAL OUTLINE</b>	<b>P.C. BOARD LAYOUT</b>

# SLC Series

## Miniature Slide Switches

### SPECIFICATIONS

**Contact ratings:** 300 mA at 125 VAC or 30 VDC  
**Initial contact resistance:** 20 milliohms max.  
**Insulation resistance:** 100 megohms min. at 500 VDC  
**Dielectric strength:** 500 volts RMS for 1 minute  
**Electrical life:** 10,000 cycles min.  
**Operating temperature range:** -20°C to +85°C  
**Actuation force:** 220g ± 100g  
**Solder heat resistance:** 260°C max. for 3 seconds  
**Solvent washing permissible**

### FEATURES

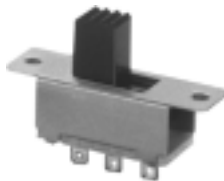
- Panel mounting with solder lug terminals.
- Wash-through open frame construction.
- Positive spring loaded ball detent mechanism.

### MATERIALS

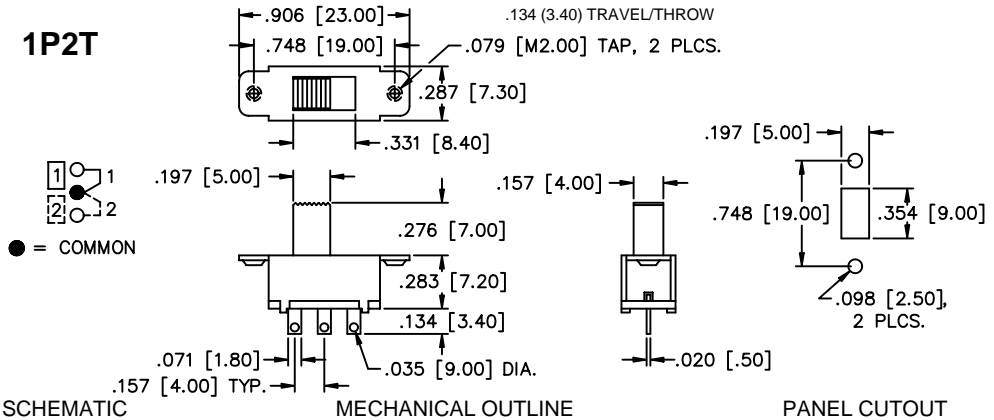
**Contacts & terminals:** Silver plated  
**Frame:** Zinc plated steel  
**Actuator:** Thermoplastic  
**Base:** Phenolic laminated sheet

#### MODEL NO.

**SLC12007**



#### 1P2T

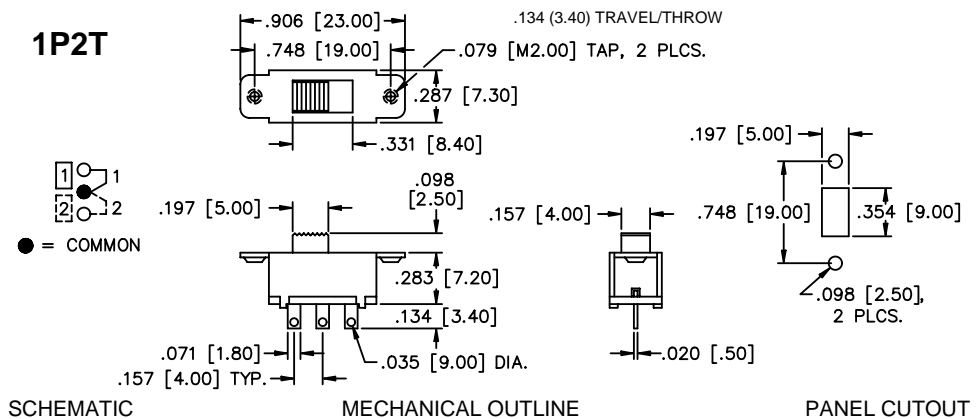


#### MODEL NO.

**SLC120025**

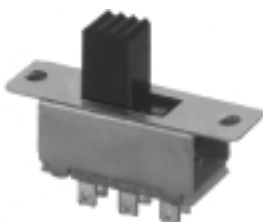


#### 1P2T

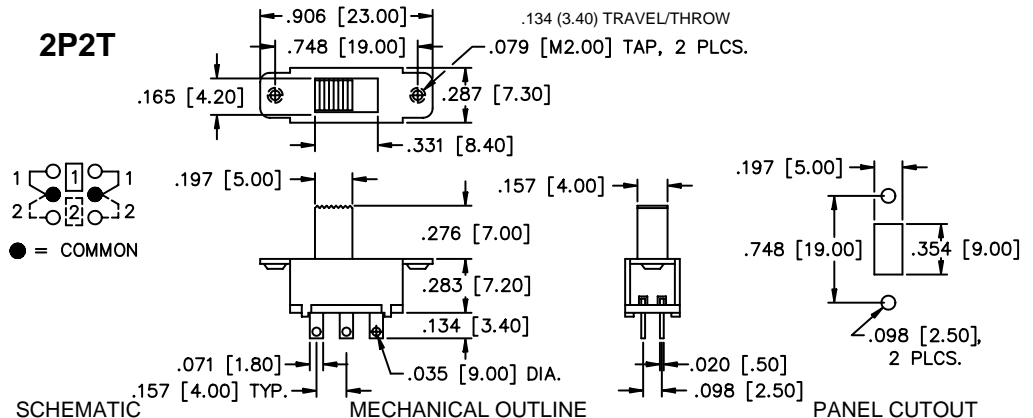


#### MODEL NO.

**SLC22007**



#### 2P2T




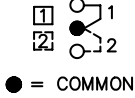
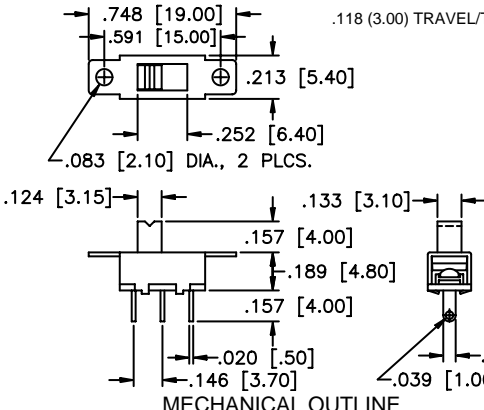
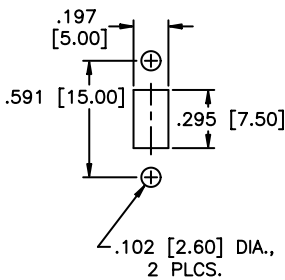

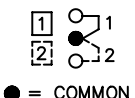
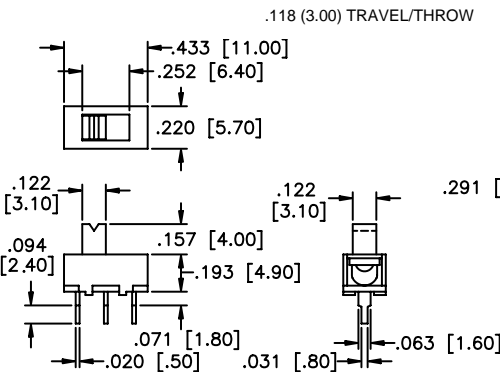
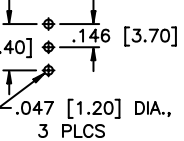
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

# SLG Series

## Miniature Slide Switches

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

SPECIFICATIONS	FEATURES
<p><b>Contact ratings:</b> 300 mA at 125 VAC or 30 VDC  <b>Initial contact resistance:</b> 20 milliohms max.  <b>Insulation resistance:</b> 100 megohms min. at 500 VDC  <b>Dielectric strength:</b> 500 volts RMS for 1 minute  <b>Electrical life:</b> 10,000 cycles min.  <b>Operating temperature range:</b> -20°C to +85°C  <b>Actuation force:</b> 200g ± 75g  <b>Solder heat resistance:</b> 260°C max. for 3 seconds  <b>Solvent washing permissible</b></p>	<ul style="list-style-type: none"> <li><b>Wash-through open frame construction.</b></li> <li><b>Panel and p.c. mounting models.</b></li> <li><b>Positive spring loaded ball detent mechanism.</b></li> </ul>
MATERIALS	
<p><b>Contacts &amp; terminals:</b> Silver plated  <b>Frame:</b> Zinc plated steel  <b>Actuator:</b> Thermoplastic  <b>Base:</b> Phenolic laminated sheet</p>	

<b>MODEL NO.</b> <b>SLG12004</b>	<b>1P2T</b>	 <div style="margin-top: 10px;">  </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;">  <p>MECHANICAL OUTLINE</p> </div> <div style="text-align: center;">  <p>PANEL CUTOUT</p> </div> </div> <p style="text-align: center;">SCHEMATIC</p>
<b>MODEL NO.</b> <b>SLG12014</b>	<b>1P2T</b>	 <p style="text-align: center;">VERTICAL MOUNTING</p> <div style="margin-top: 10px;">  </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;">  <p>MECHANICAL OUTLINE</p> </div> <div style="text-align: center;">  <p>P.C. BOARD LAYOUT</p> </div> </div> <p style="text-align: center;">SCHEMATIC</p>

# SLA Series


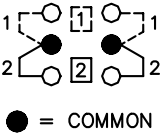
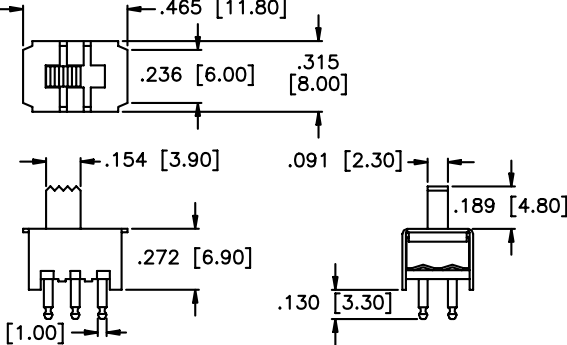
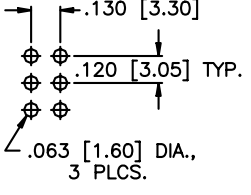
## Miniature Slide Switches

SPECIFICATIONS	FEATURES
<p><b>Contact ratings:</b> 500 mA at 125 VAC</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> 350g ± 200g</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>Panel and p.c. mounting models.</b></li> </ul>
MATERIALS	
<p><b>Contacts &amp; terminals:</b> Silver plated brass</p> <p><b>Frame:</b> Zinc plated steel</p> <p><b>Actuator:</b> PBT Thermoplastic</p> <p><b>Base:</b> Phenolic laminated sheet</p>	

<p style="background-color: #f2f2f2; padding: 2px;"><b>MODEL NO.</b></p> <p style="color: red; font-weight: bold; padding: 2px;">SLA1200</p>	<p style="font-size: 1.2em; font-weight: bold;">1P2T</p> <p>● = COMMON</p>	<p style="font-size: 0.8em;">.106 (2.70) TRAVEL/THROW</p> <p style="font-size: 0.8em;">.748 [19.00]   .591 [15.00]   .220 [5.60]</p> <p style="font-size: 0.8em;">.087 [2.20] DIA., 2 PLCS.</p> <p style="font-size: 0.8em;">.118 [3.00]   .126 [3.20]   .130 [3.30]</p> <p style="font-size: 0.8em;">.122 [3.10]   .232 [5.90]</p> <p style="font-size: 0.8em;">.118 [3.00] TYP.</p> <p style="font-size: 0.8em;">.063 [1.60] DIA., 3 PLCS.</p> <p style="font-size: 0.8em;">SCHEMATIC      MECHANICAL OUTLINE      P.C. BOARD LAYOUT</p>
<p style="background-color: #f2f2f2; padding: 2px;"><b>MODEL NO.</b></p> <p style="color: red; font-weight: bold; padding: 2px;">SLA1201</p>	<p style="font-size: 1.2em; font-weight: bold;">1P2T</p> <p>● = COMMON</p>	<p style="font-size: 0.8em;">.106 (2.70) TRAVEL/THROW</p> <p style="font-size: 0.8em;">.465 [11.80]   .220 [5.60]</p> <p style="font-size: 0.8em;">.228 [5.80]</p> <p style="font-size: 0.8em;">.118 [3.00]   .126 [3.20]   .130 [3.30]</p> <p style="font-size: 0.8em;">.122 [3.10]   .232 [5.90]</p> <p style="font-size: 0.8em;">.118 [3.00] TYP.</p> <p style="font-size: 0.8em;">.063 [1.60] DIA., 3 PLCS.</p> <p style="font-size: 0.8em;">SCHEMATIC      MECHANICAL OUTLINE      P.C. BOARD LAYOUT</p>
<p style="background-color: #f2f2f2; padding: 2px;"><b>MODEL NO.</b></p> <p style="color: red; font-weight: bold; padding: 2px;">SLA2200</p>	<p style="font-size: 1.2em; font-weight: bold;">2P2T</p> <p>● = COMMON</p>	<p style="font-size: 0.8em;">.106 (2.70) TRAVEL/THROW</p> <p style="font-size: 0.8em;">.764 [19.40]   .563 [14.30]   .315 [8.00]</p> <p style="font-size: 0.8em;">.138 [3.50]</p> <p style="font-size: 0.8em;">.098 [2.50] DIA., 2 PLCS.</p> <p style="font-size: 0.8em;">.264 [6.70]</p> <p style="font-size: 0.8em;">.091 [2.30]   .189 [4.80]   .130 [3.30]</p> <p style="font-size: 0.8em;">.272 [6.90]</p> <p style="font-size: 0.8em;">.130 [3.30]   .120 [3.05]   .063 [1.60] DIA., 3 PLCS.</p> <p style="font-size: 0.8em;">SCHEMATIC      MECHANICAL OUTLINE      P.C. BOARD LAYOUT</p>

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

<b>MODEL NO.</b>	<b>2P2T</b>		
<b>SLA2201</b>			
	 <p>● = COMMON</p>		
	SCHEMATIC	MECHANICAL OUTLINE	P.C. BOARD LAYOUT



## **О компании**

ООО "ТрейдЭлектроникс" - это оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов. Реализуемая нашей компанией продукция насчитывает более полумиллиона наименований.

Благодаря этому наша компания предлагает к поставке практически не ограниченный ассортимент компонентов как оптовыми, мелкооптовыми партиями, так и в розницу.

Наличие собственной эффективной системы логистики обеспечивает надежную поставку продукции по конкурентным ценам в точно указанные сроки.

Срок поставки со стоков в **Европе и Америке – от 3 до 14 дней.**

Срок поставки из **Азии – от 10 дней.**

Благодаря развитой сети поставщиков, помогаем в поиске и приобретении экзотичных или снятых с производства компонентов.

Предоставляем спец цены на элементы для создания инженерных сэмплов.

**Упорный труд, качественный результат дают нам право быть уверенными в себе и надежными для наших клиентов.**

### **Наша компания это:**

- Гарантия качества поставляемой продукции
- Широкий ассортимент
- Минимальные сроки поставок
- Техническая поддержка
- Подбор комплектации
- Индивидуальный подход
- Гибкое ценообразование

Наша организация особенно сильна в поставках модулей, микросхем, пассивных компонентов, ксайленсах (XC), EPF, EPM и силовой электроники.

Большой выбор предлагаемой продукции, различные виды оплаты и доставки, позволят Вам сэкономить время и получить максимум выгоды от сотрудничества с нами!

## Перечень производителей, продукцию которых мы поставляем на российский рынок



С удовольствием будем прорабатывать для Вас поставки всех необходимых компонентов по текущим запросам для скорейшего выявления групп элементов, по которым сотрудничество именно с нашей компанией будет для Вас максимально выгодным!

С уважением,

Менеджер отдела продаж ООО

«Трейд Электроникс»

Шишлаков Евгений

8 (495)668-30-28 доб 169

manager28@tradeelectronics.ru

<http://www.tradeelectronics.ru/>