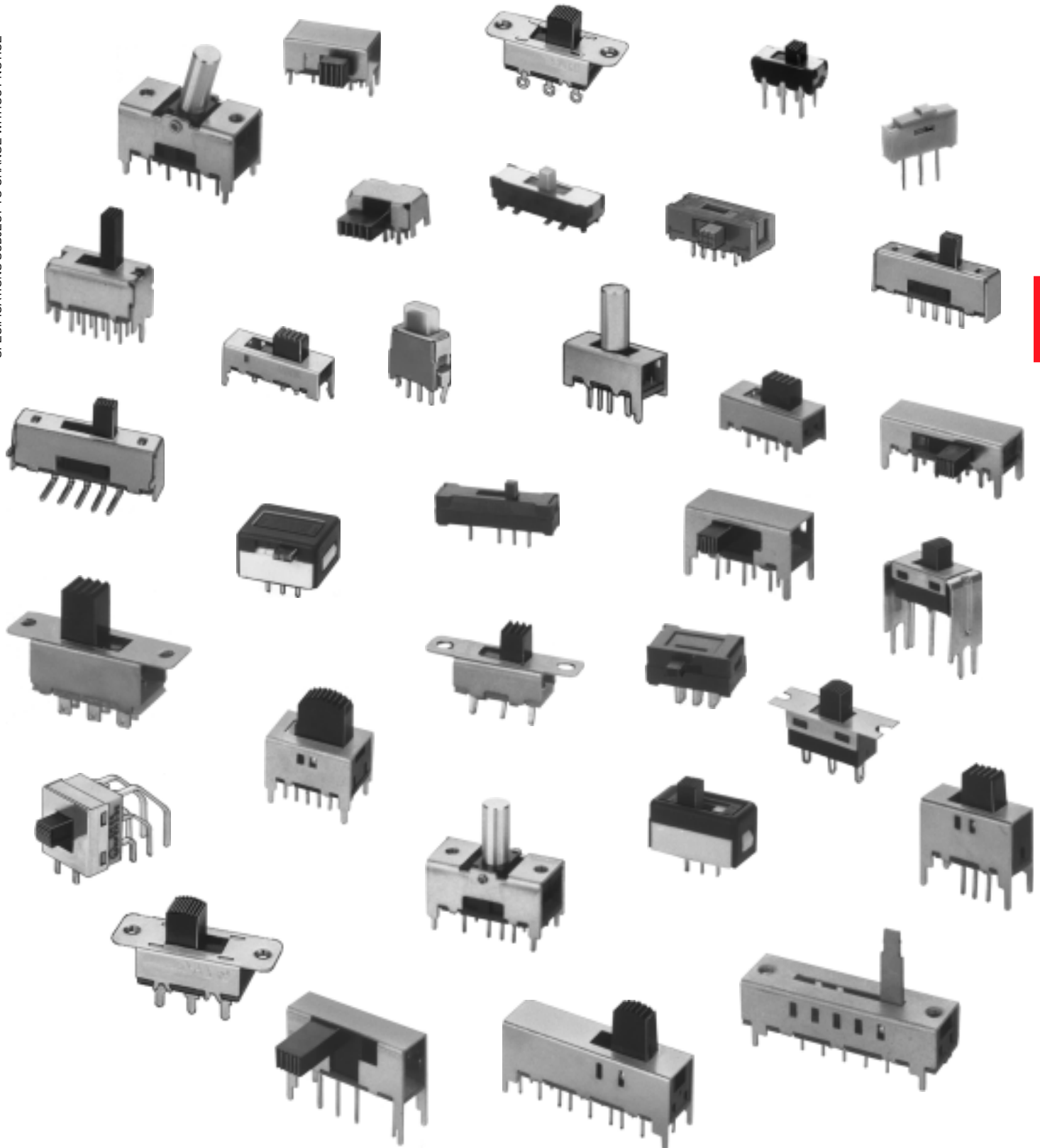


SLIDE SWITCHES

SEE PUSHBUTTON SWITCH SELECTION GUIDE ON NEXT PAGE

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE



O

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.

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

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

ALPHA-NUMERIC INDEX BY SERIES

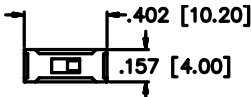
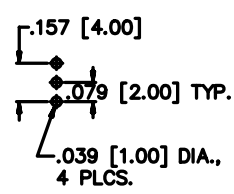
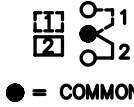
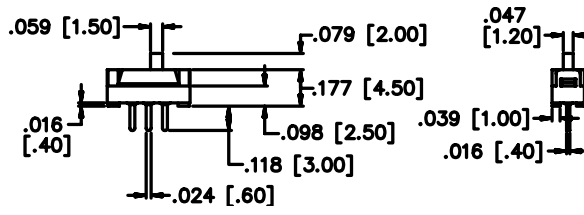
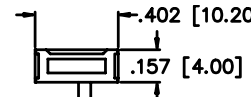
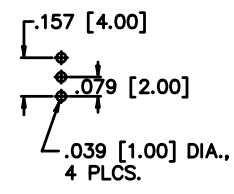
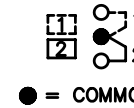
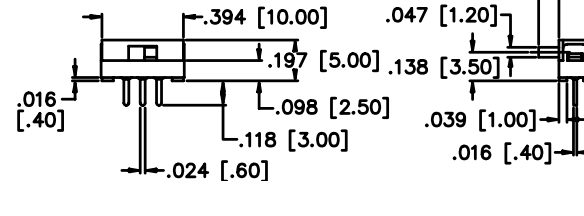
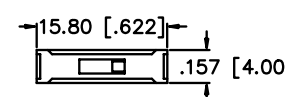
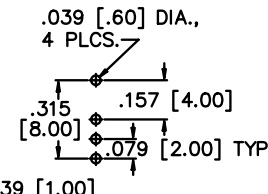
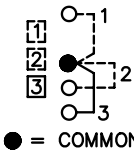
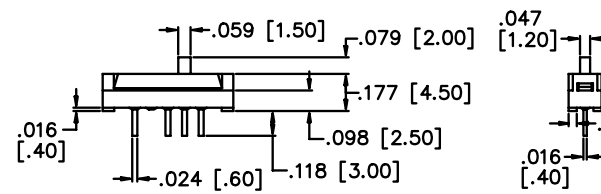
<u>SERIES</u>	<u>Page (s)</u>	<u>SERIES</u>	<u>Page (s)</u>
MA	O6	MSSA	O5
MHS	O14-O17	MSTS	O13
MHSS	O7	SLA	O28-O29
MJS	O3-O4	SLB	O18-O25
MMS	O11-O12	SLC	O26
MS	O8-O10	SLG	O27

MJS Series

Microminiature Slide Switches

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

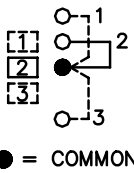
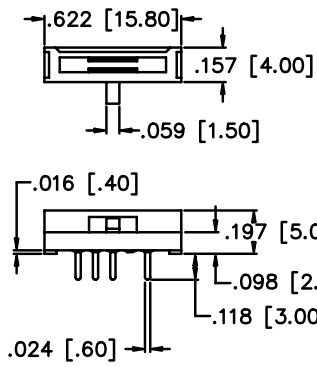
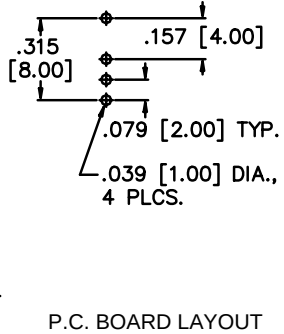
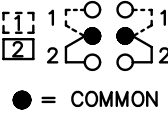
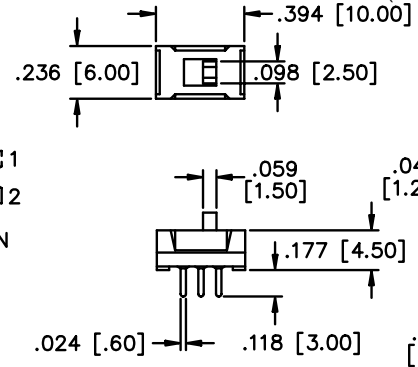
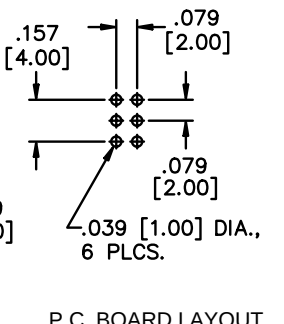
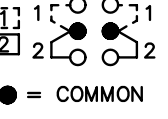
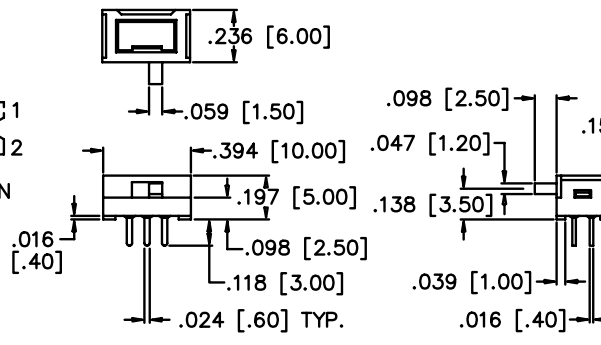
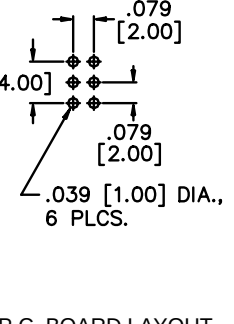
SPECIFICATIONS	FEATURES
Contact rating: 100 mA at 12 VDC Initial contact resistance: 20 milliohms max. Insulation resistance: 100 megohms min. at 500 VDC Dielectric strength: 500 volts RMS at sea level Electrical life: 10,000 cycles min. Operating temperature range: -10°C to +60°C Actuation force: 225g (average) Solder heat resistance: 260°C max. for 5 seconds Washing not recommended	- Molded-in terminals minimize flux or solder entry. - Molded-in high temperature phenolic base. - Low Profile. - Bifurcated wiping contact design.
	MATERIALS
	Contacts & terminals: Silver plated Case & actuator: Thermoplastic Terminal seal: Molded-in

MODEL NO. MJS12	1P2T	 .079 (2.00) TRAVEL/THROW .402 [10.20] .157 [4.00]	 .157 [4.00] .079 [2.00] TYP. .039 [1.00] DIA., 4 PLCS.
 VERTICAL ACTUATOR	 ● = COMMON	 .059 [1.50] .079 [2.00] .047 [1.20] .177 [4.50] .098 [2.50] .118 [3.00] .024 [.60] .016 [.40] .039 [1.00] .016 [.40]	P.C. BOARD LAYOUT
MODEL NO. MJS12R	1P2T	 .079 (2.00) TRAVEL/THROW .402 [10.20] .157 [4.00]	 .157 [4.00] .079 [2.00] .039 [1.00] DIA., 4 PLCS.
 RIGHT ANGLE ACTUATOR	 ● = COMMON	 .059 [1.50] .394 [10.00] .197 [5.00] .098 [2.50] .118 [3.00] .024 [.60] .016 [.40] .098 [2.50] .138 [3.50] .047 [1.20] .039 [1.00] .016 [.40]	P.C. BOARD LAYOUT
MODEL NO. MJS13	1P3T	 .079 (2.00) TRAVEL/THROW 15.80 [.622] .157 [4.00]	 .039 [.60] DIA., 4 PLCS. .315 [8.00] .157 [4.00] .079 [2.00] TYP.
 VERTICAL ACTUATOR	 ● = COMMON	 .059 [1.50] .079 [2.00] .047 [1.20] .177 [4.50] .098 [2.50] .118 [3.00] .024 [.60] .016 [.40] .039 [1.00] .016 [.40]	P.C. BOARD LAYOUT

MJS Series

Microminiature Slide Switches

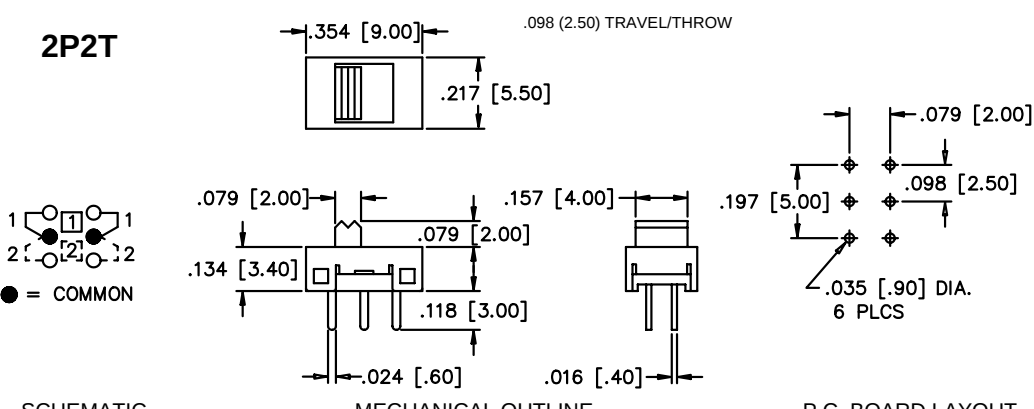
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

MODEL NO. MJS13R  RIGHT ANGLE ACTUATOR	.079 (2.00) TRAVEL/THROW 1P3T  ● = COMMON  MECHANICAL OUTLINE  P.C. BOARD LAYOUT
MODEL NO. MJS22  VERTICAL ACTUATOR	.079 (2.00) TRAVEL/THROW 2P2T  ● = COMMON  MECHANICAL OUTLINE  P.C. BOARD LAYOUT
MODEL NO. MJS22R  RIGHT ANGLE ACTUATOR	.079 (2.00) TRAVEL/THROW 2P2T  ● = COMMON  MECHANICAL OUTLINE  P.C. BOARD LAYOUT

MSSA Series

Microminiature Slide Switches

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

SPECIFICATIONS		FEATURES	
Contact ratings: Gold; 0.4 Volt-Amps (VA) max. at 20 V max. (AC or DC) Silver; 100 mA at 125 VAC or 30 VDC Initial contact resistance: 30 milliohms max. Insulation resistance: 100 megohms min. at 250 VDC Dielectric strength: 250 volts RMS at sea level Electrical life: 10,000 cycles min. Operating temperature range: -10°C to +60°C Actuation force: 250g ± 150g Solder heat resistance: 260°C max. for 3 seconds Washing not recommended		• Low Profile. • Epoxy sealed terminals. • Cosmetic molded case.	
		MATERIALS	
		Contacts & terminals: Gold or silver available (see contact ratings) Housing and Actuator: Thermoplastic Base: High temperature thermoplastic Terminal seal: Epoxy	
MODEL NO.	PLATING	2P2T 	
MSSA22G	GOLD		
		VERTICAL ACTUATOR SCHEMATIC MECHANICAL OUTLINE P.C. BOARD LAYOUT	

MA Series

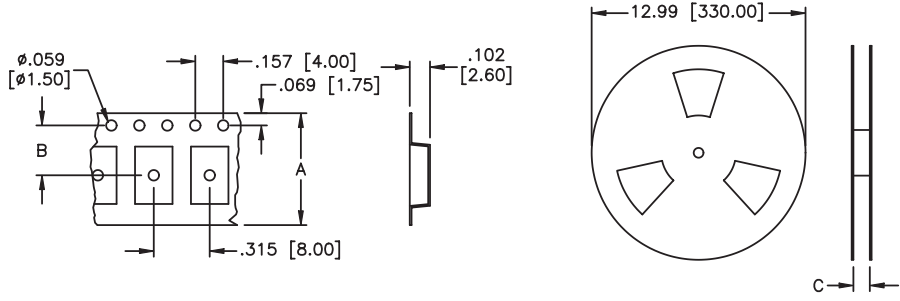
Microminiature Memory Card

Slide Switches

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

SPECIFICATIONS	FEATURES
Contact rating: 300 mA at 4 VDC Initial contact resistance: 70 milliohms max. Insulation resistance: 100 megohms min. at 100 VDC Dielectric strength: 100 VAC for 1 minute Electrical life: 10,000 cycles min. Operating temperature range: -10°C to +60°C Actuation force: 200g ± 100g Solder heat resistance: Reflow - 260°C max. for 1 min. Manual - iron temperature 305 °C max. for 6 seconds. Washing not recommended	● Ultra-compact size. ● Low Profile. ● Surface mounting with restraining bosses. ● Reflow or hand solderable.
	MATERIALS
	Contacts: Silver plated beryllium copper Terminals: Silver plated brass Base: Liquid crystal polymer Cover: Tin plated steel Actuator: Liquid crystal polymer

MODEL NO.	1P2T
MA12R	 RIGHT ANGLE ACTUATOR SCHEMATIC MECHANICAL OUTLINE P.C. BOARD LAYOUT

MODEL NO.	
MA12R/TR MA13R/TR	 CARRIER TAPE REEL DIMENSIONS

Same as above models except supplied on tape & reel as shown.

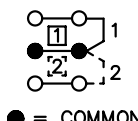
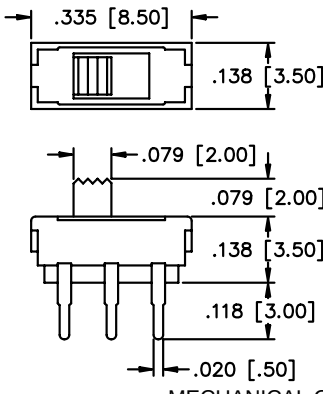
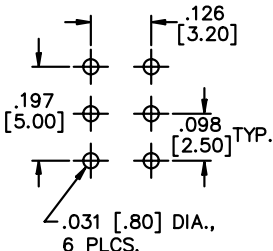
Model No.	Dim. A	Dim. B	Dim. C
MA12R/TR	.630 (16.0)	.217 (5.5)	.646 (16.4)
MA13R/TR	.945 (24.0)	.453 (11.5)	.960 (24.4)

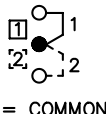
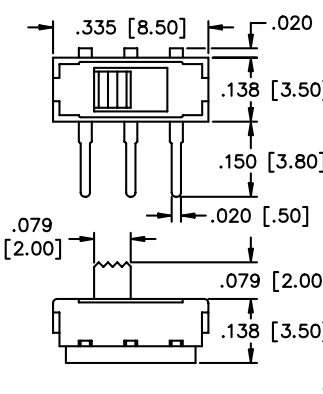
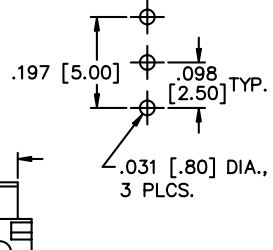
MHSS Series

Microminiature Slide Switches

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

SPECIFICATIONS	FEATURES
Contact ratings: 300 mA at 6 VDC Initial contact resistance: 60 milliohms max. Insulation resistance: 100 megohms min. at 100 VDC Dielectric strength: 100 VAC for 1 minute Electrical life: 5000 cycles min. Operating temperature range: -20°C to +70°C Solder heat resistance: 350°C max. for 3 seconds Washing not recommended	- Excellent tactile feed-back (detent action). - Molded-in terminals minimize flux or solder entry. - Ultra-compact case size. - Low profile.
	MATERIALS
	Contacts & terminals: Silver plated Case: 30% Glass filled nylon, type 6/6, black Actuator: Nylon, type 6/6, black (blue for MHSS2220 only)

MODEL NO.			
MHSS1104			
	1P2T  ● = COMMON	MECHANICAL OUTLINE 	P.C. BOARD LAYOUT 
VERTICAL ACTUATOR	SCHEMATIC	MECHANICAL OUTLINE	P.C. BOARD LAYOUT

MODEL NO.			
MHSS1105			
	1P2T  ● = COMMON	MECHANICAL OUTLINE 	P.C. BOARD LAYOUT 
RIGHT ANGLE ACTUATOR	SCHEMATIC	MECHANICAL OUTLINE	P.C. BOARD LAYOUT

MS Series

Microminiature Slide Switches

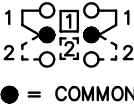
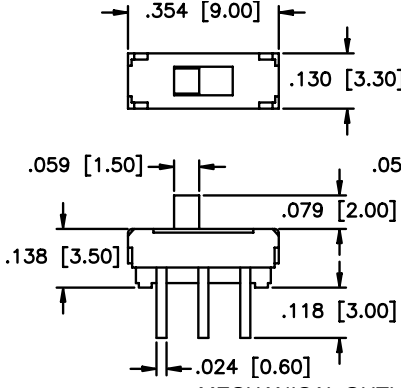
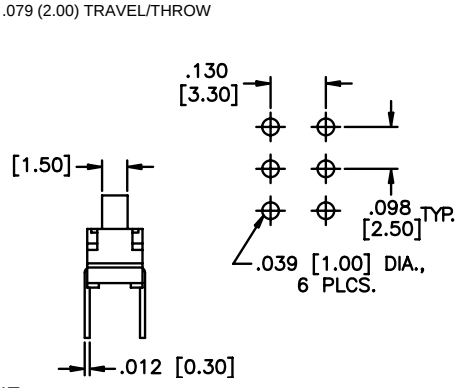
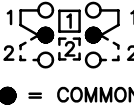
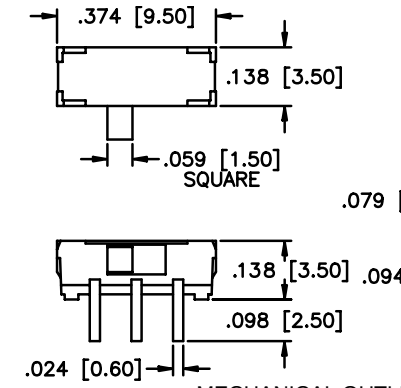
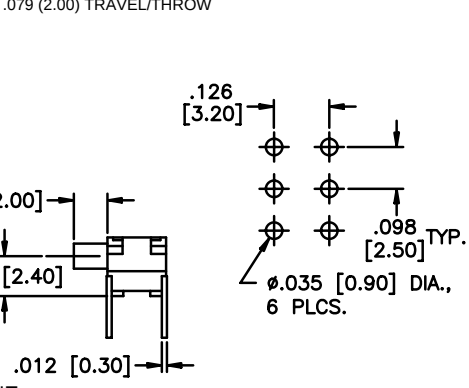
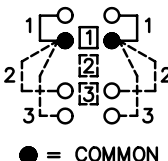
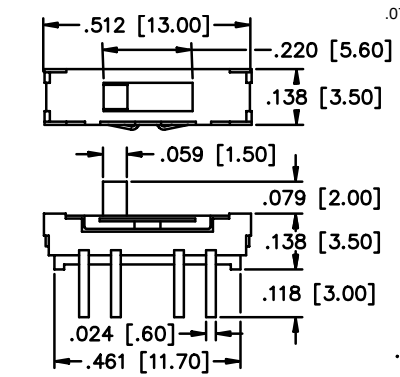
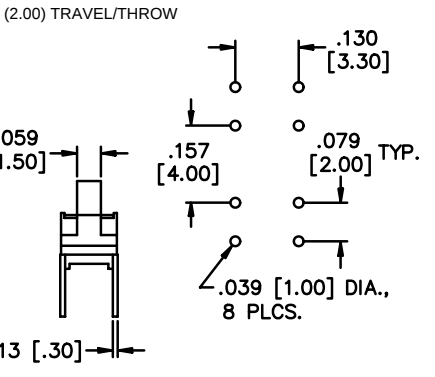
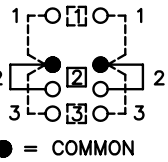
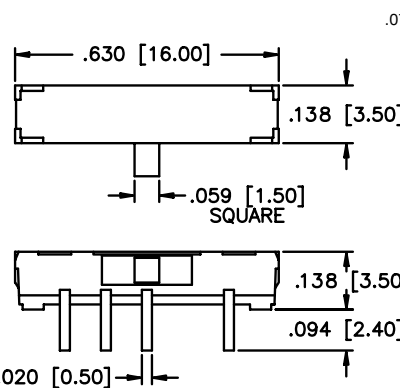
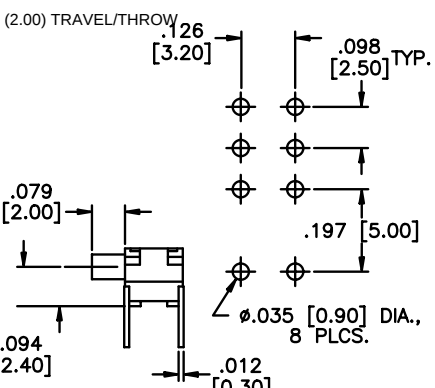
SPECIFICATIONS	FEATURES
Contact rating: 300 mA at 6 VDC Initial contact resistance: 70 milliohms max. Insulation resistance: 100 megohms max. at 500 VDC Dielectric strength: 500 volts RMS at sea level Electrical life: 10,000 cycles min. Operating temperature range: -10°C to +60°C Solder heat resistance: 260°C max. for 3 seconds Washing not recommended	• Low profile. • Insert molded terminals. • Stainless steel cover.
	MATERIALS
	Contacts & terminals: Silver plated Cover: Stainless steel Actuator: Thermoplastic Base: High temperature thermoplastic Terminal seal: Insert molded

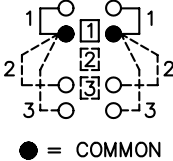
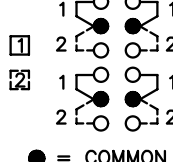
MODEL NO. MS12	1P2T VERTICAL ACTUATOR	SCHEMATIC MECHANICAL OUTLINE P.C. BOARD LAYOUT
MODEL NO. MS13	1P3T VERTICAL ACTUATOR	SCHEMATIC MECHANICAL OUTLINE P.C. BOARD CUTOUT
MODEL NO. MS13S	1P3T VERTICAL ACTUATOR	SCHEMATIC MECHANICAL OUTLINE P.C. BOARD LAYOUT

MS Series

Microminiature Slide Switches

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

MODEL NO. MS22  VERTICAL ACTUATOR	2P2T  ● = COMMON  MECHANICAL OUTLINE  P.C. BOARD LAYOUT
MODEL NO. MS22R  RIGHT ANGLE ACTUATOR	2P2T  ● = COMMON  MECHANICAL OUTLINE  P.C. BOARD LAYOUT
MODEL NO. MS23  VERTICAL ACTUATOR	2P3T  ● = COMMON  MECHANICAL OUTLINE  P.C. BOARD LAYOUT
MODEL NO. MS23R  RIGHT ANGLE ACTUATOR	2P3T  ● = COMMON  MECHANICAL OUTLINE  P.C. BOARD LAYOUT

MODEL NO. MS23S  VERTICAL ACTUATOR	2P3T  ● = COMMON SCHEMATIC MECHANICAL OUTLINE P.C. BOARD CUTOUT
MODEL NO. MS42R  RIGHT ANGLE ACTUATOR	4P2T  ● = COMMON SCHEMATIC MECHANICAL OUTLINE P.C. BOARD LAYOUT

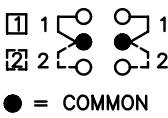
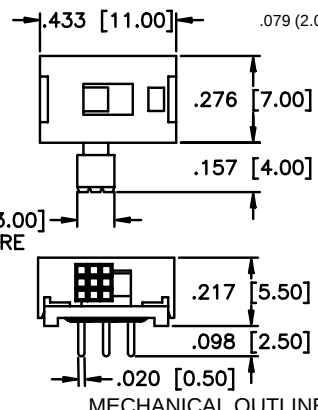
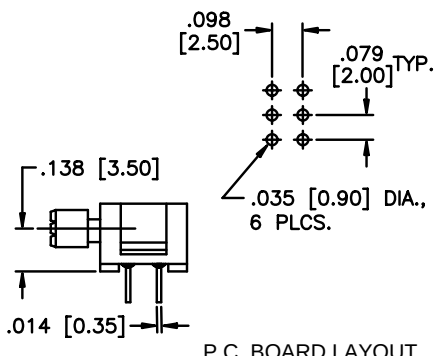
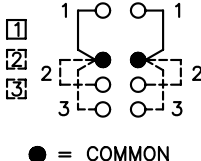
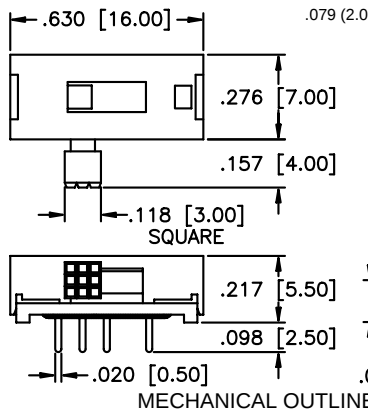
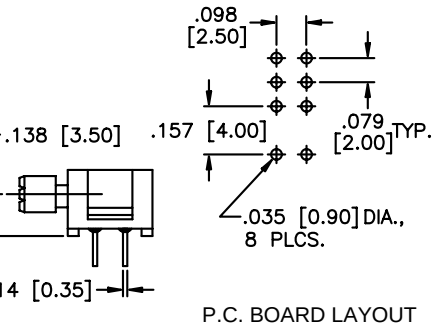
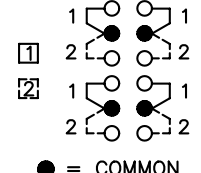
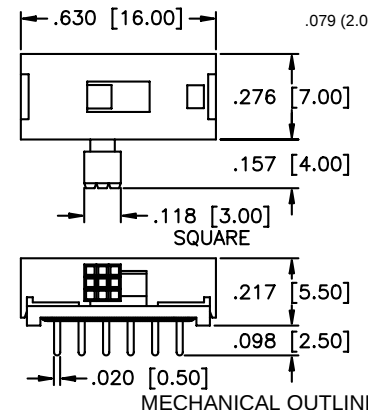
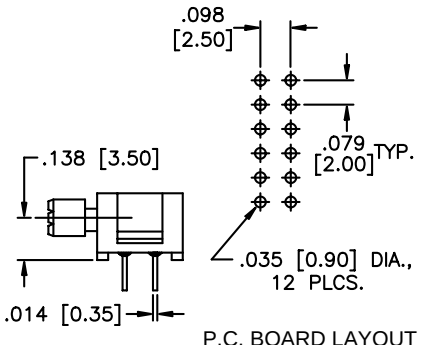
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

MMS Series

Microminiature Slide Switches

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

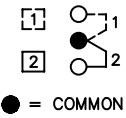
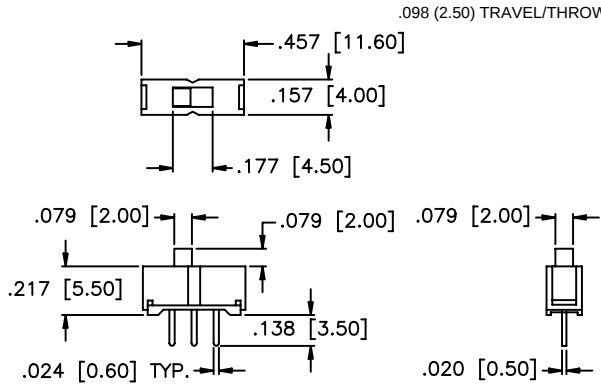
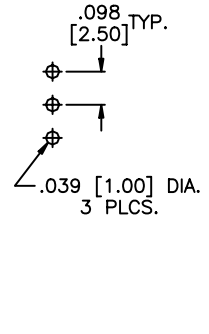
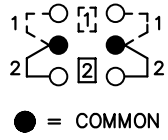
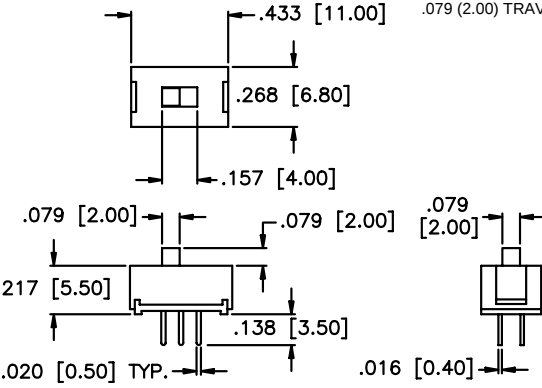
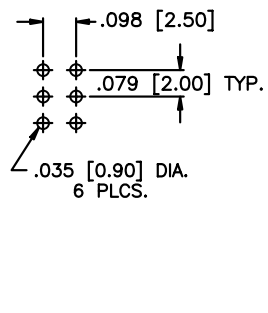
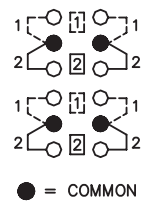
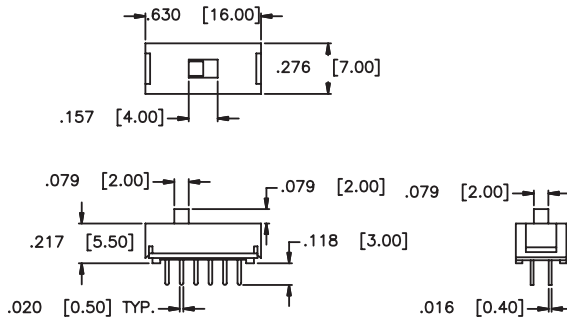
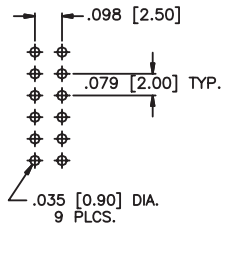
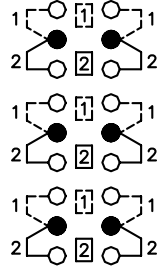
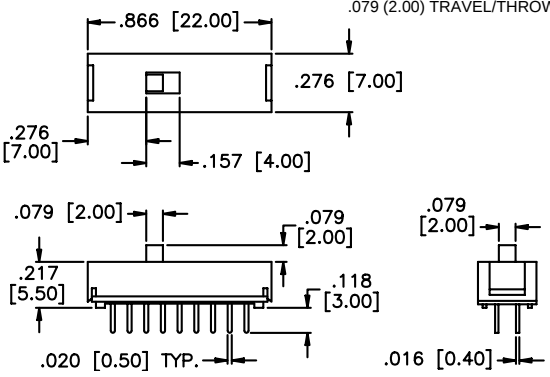
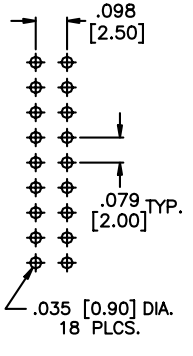
SPECIFICATIONS	FEATURES
Contact ratings: 300 mA at 30 VDC Initial contact resistance: 25 milliohms max. Insulation resistance: 100 megohms min. at 500 VDC Dielectric strength: 500 volts RMS for 1 minute Electrical life: 10,000 cycles min. Operating temperature range: -20°C to +70°C Solder heat resistance: 255°C max. for 5 seconds max. Washing not recommended	• Bifurcated wiping contact design. • Low Profile. • Epoxy sealed terminals. • Cosmetic molded case.
	MATERIALS
	Contacts & terminals: Silver plated Case: Polyacetal Actuator: PBT Base: Glass filled PBT Terminal seal: Epoxy or phenol resin

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

MMS Series

Microminiature Slide Switches

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

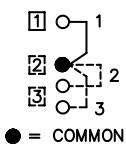
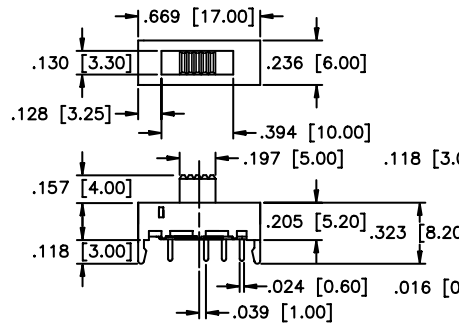
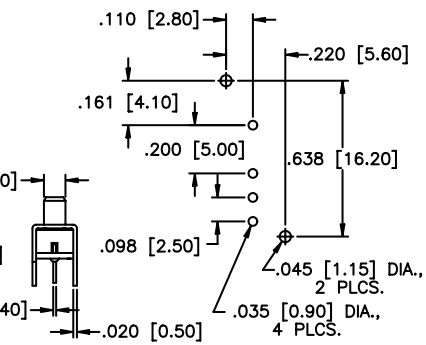
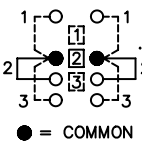
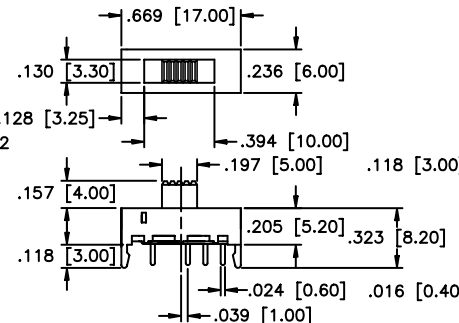
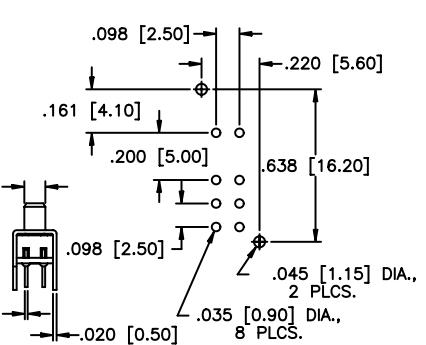
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MODEL NO. MMS2214  VERTICAL ACTUATOR	2P2T  ● = COMMON MECHANICAL OUTLINE  P.C. BOARD LAYOUT 
MODEL NO. MMS42  VERTICAL ACTUATOR	4P2T  ● = COMMON MECHANICAL OUTLINE  P.C. BOARD LAYOUT 
MODEL NO. MMS6202  VERTICAL ACTUATOR	6P2T  ● = COMMON MECHANICAL OUTLINE  P.C. BOARD LAYOUT 

MSTS Series

Miniature Slide Switches

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

SPECIFICATIONS	FEATURES
Contact rating: 300 mA at 28 VDC Initial contact resistance: 20 milliohms max. Insulation resistance: 100 megohms min. at 500 VDC Dielectric strength: 500 VAC for 1 minute Electrical life: 10,000 cycles min. Operating temperature range: -20°C to +85°C Solder heat resistance: 250°C max. for 5 seconds Actuation force: 200-600 grams Solvent washing permissible	- Miniature compact size. - Wash-through open frame construction. - Snap-in p.c. mounting bracket design. - Positive spring loaded ball detent mechanism. - Epoxy sealed terminals. - Gold plated contacts available - consult factory.
	MATERIALS Contacts & terminals: Silver plated brass Housing: Zinc plated steel Actuator: Polyacetal, color black Base: Phenolic laminated sheet Terminal seal: Epoxy

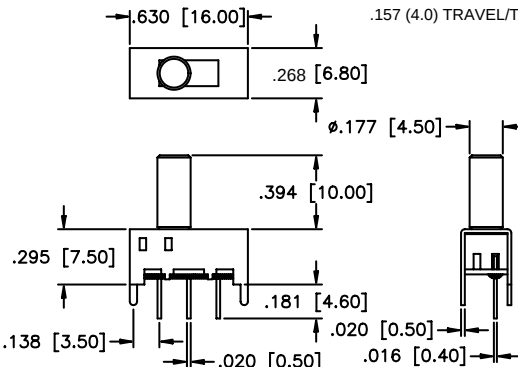
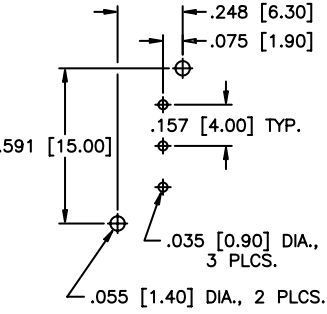
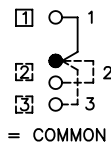
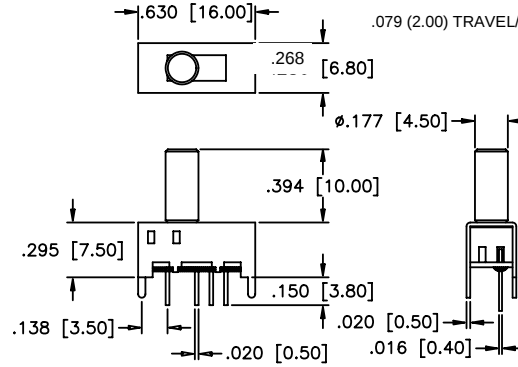
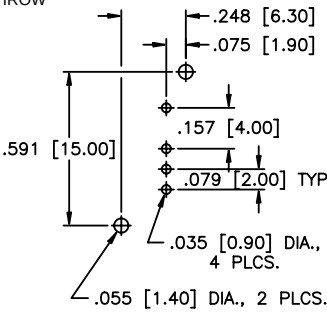
MODEL NO. MSTS1332K	1P3T   VERTICAL ACTUATOR	.098 (2.50) TRAVEL/THROW  MECHANICAL OUTLINE  P.C. BOARD LAYOUT
MODEL NO. MSTS2332K	2P3T   VERTICAL ACTUATOR	.098 (2.50) TRAVEL/THROW  MECHANICAL OUTLINE  P.C. BOARD LAYOUT

MHS Series

Miniature Slide Switches

with aluminum actuator

SPECIFICATIONS	FEATURES
Contact rating: 300 mA at 30 VDC Initial contact resistance: 20 milliohms max. Insulation resistance: 100 megohms min. at 500 VDC Dielectric strength: 500 VAC for 1 minute Electrical life: 10,000 cycles min. Operating temperature range: -20°C to +85°C Solder heat resistance: 260°C max. for 3 seconds Actuation force: 250 ±150 grams Solvent washing permissible	● Miniature compact size. ● Wash-through open frame construction. ● Positive spring loaded ball detent mechanism. ● Epoxy sealed terminals.
	MATERIALS
	Contacts & terminals: Silver plated brass Housing: Tin plated steel Actuator: Aluminum alloy Base: Phenolic laminated sheet Terminal seal: Epoxy

MODEL NO.	1P2T
MHS122K	
 VERTICAL ACTUATOR	 SCHEMATIC  MECHANICAL OUTLINE  P.C. BOARD LAYOUT
MODEL NO.	1P3T
MHS133K	
 VERTICAL ACTUATOR	 SCHEMATIC  MECHANICAL OUTLINE  P.C. BOARD LAYOUT

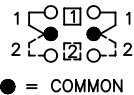
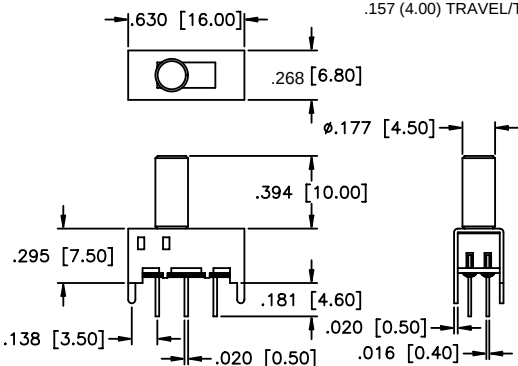
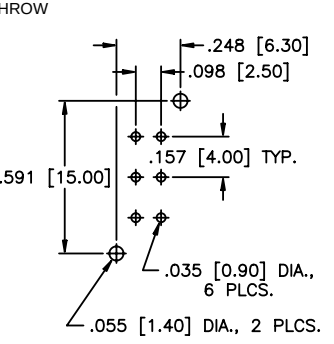
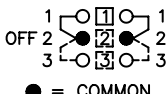
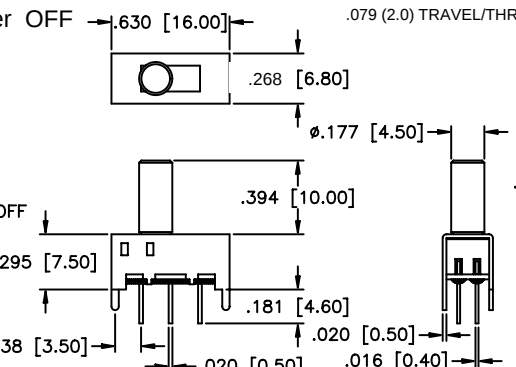
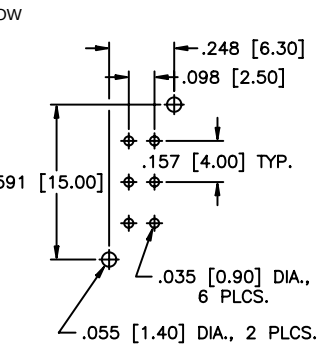
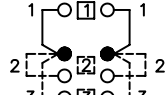
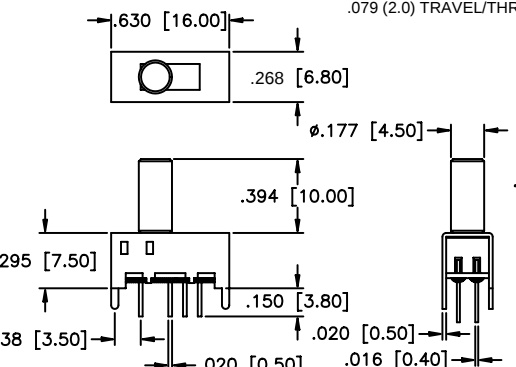
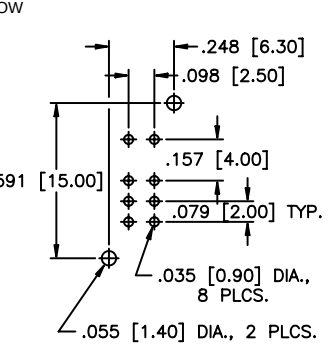
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

MHS Series

Miniature Slide Switches

with aluminum actuator

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

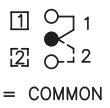
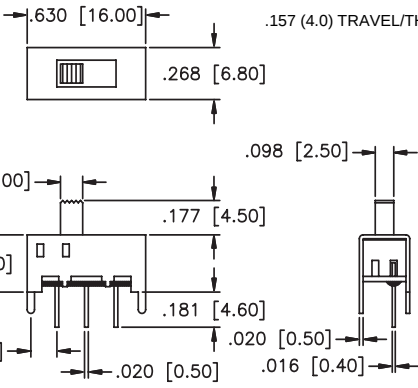
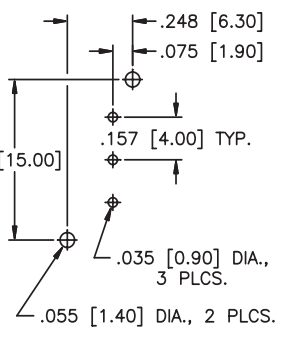
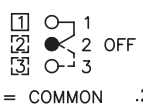
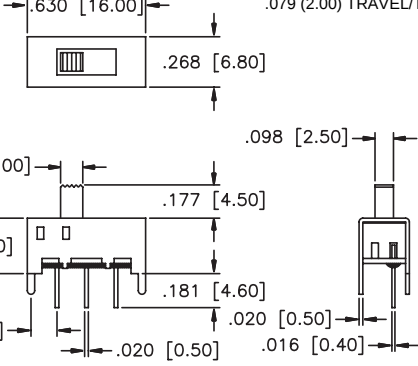
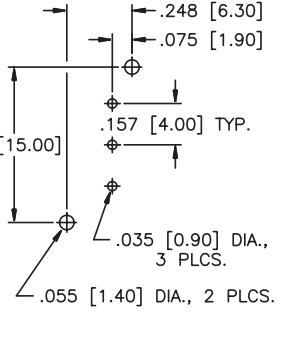
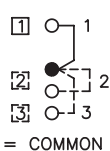
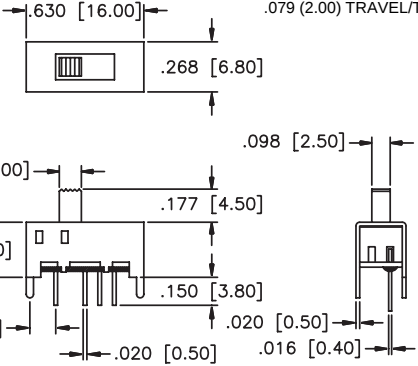
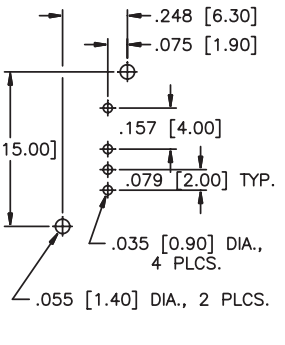
MODEL NO. MHS222K  VERTICAL ACTUATOR	2P2T  ● = COMMON  MECHANICAL OUTLINE  P.C. BOARD LAYOUT
MODEL NO. MHS223K  VERTICAL ACTUATOR	2P2T w/center OFF  ● = COMMON  MECHANICAL OUTLINE  P.C. BOARD LAYOUT
MODEL NO. MHS233K  VERTICAL ACTUATOR	2P3T  ● = COMMON  MECHANICAL OUTLINE  P.C. BOARD LAYOUT

New!

MHS Series

Miniature Slide Switches

SPECIFICATIONS	FEATURES
Contact rating: 300 mA at 30 VDC Initial contact resistance: 20 milliohms max. Insulation resistance: 100 megohms min. at 500 VDC Dielectric strength: 500 VAC for 1 minute Electrical life: 10,000 cycles min. Operating temperature range: -20°C to +85°C Solder heat resistance: 260°C max. for 3 seconds Actuation force: 250 ±150 grams Solvent washing permissible	- Miniature compact size. - Wash-through open frame construction. - Positive spring loaded ball detent mechanism. - Epoxy sealed terminals.
	MATERIALS
	Contacts & terminals: Silver plated brass Housing: Tin plated steel Actuator: Polyacetal Base: Phenolic laminated sheet Terminal seal: Epoxy

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MODEL NO. MHS123	1P2T w/center OFF   
MODEL NO. MHS133	1P3T   

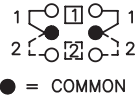
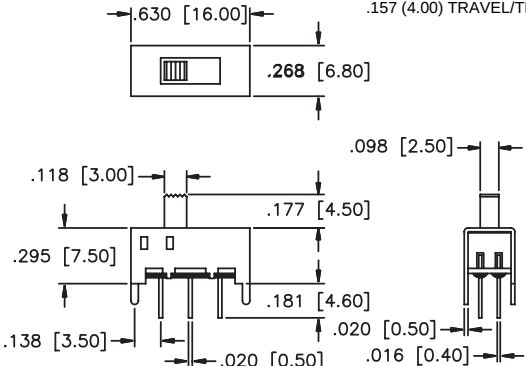
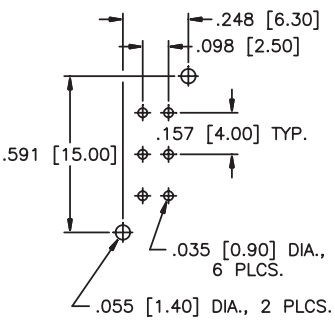
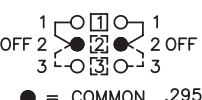
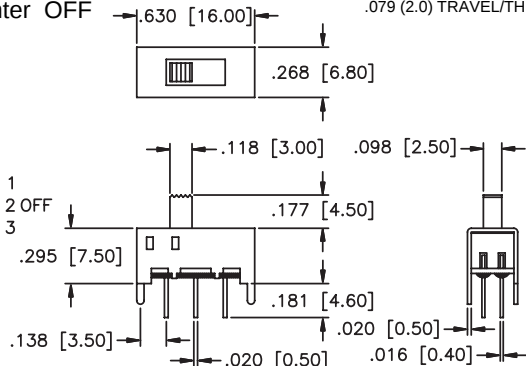
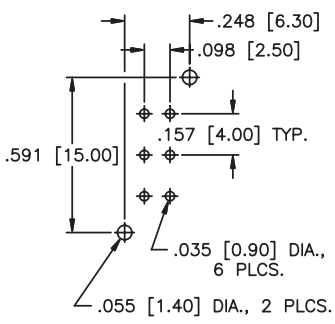
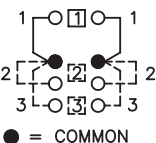
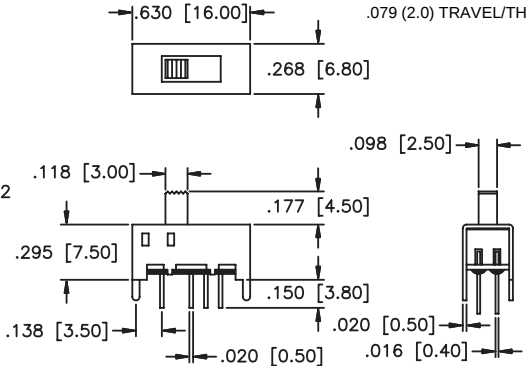
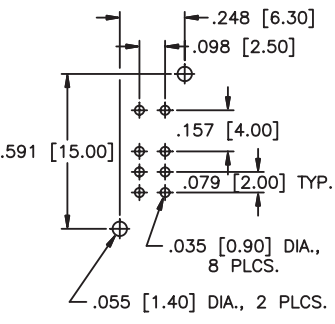
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

MHS Series

Miniature Slide Switches

New!

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

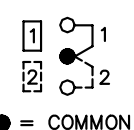
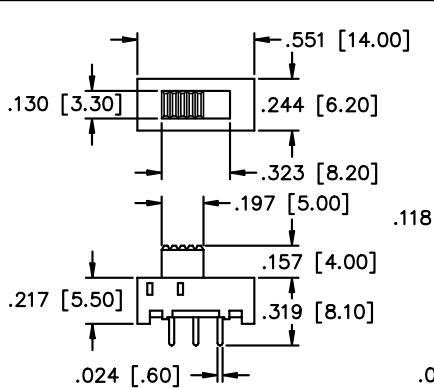
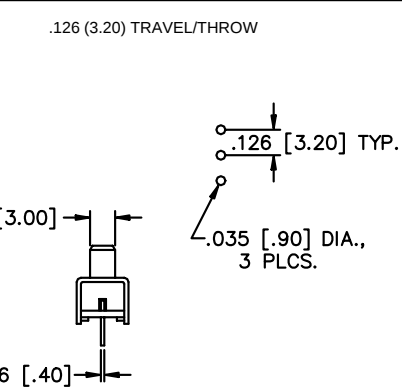
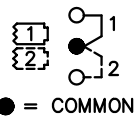
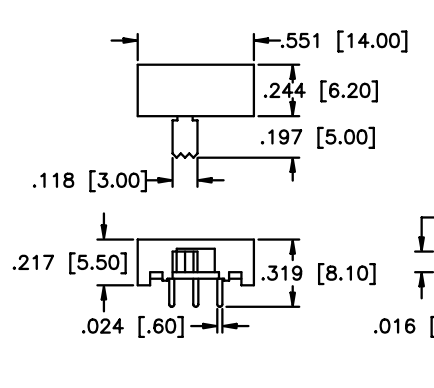
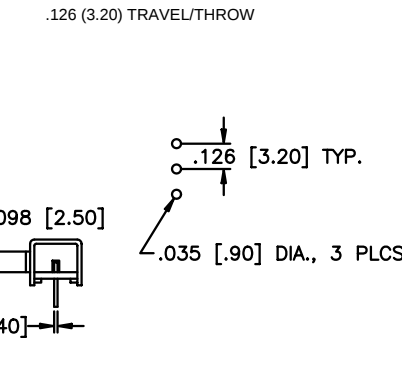
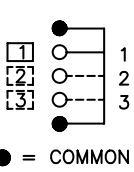
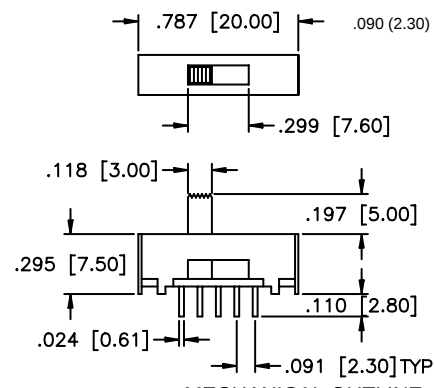
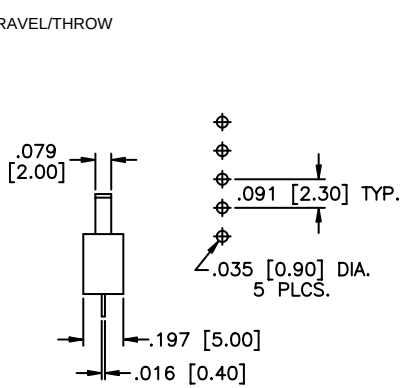
MODEL NO. MHS222  VERTICAL ACTUATOR	2P2T  ● = COMMON  .157 (4.00) TRAVEL/THROW  SCHEMATIC MECHANICAL OUTLINE P.C. BOARD LAYOUT
MODEL NO. MHS223  VERTICAL ACTUATOR	2P2T w/center OFF  ● = COMMON  .079 (2.0) TRAVEL/THROW  SCHEMATIC MECHANICAL OUTLINE P.C. BOARD LAYOUT
MODEL NO. MHS233  VERTICAL ACTUATOR	2P3T  ● = COMMON  .079 (2.0) TRAVEL/THROW  SCHEMATIC MECHANICAL OUTLINE P.C. BOARD LAYOUT

SLB Series

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

Miniature Slide Switches

SPECIFICATIONS	FEATURES
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	- Miniature compact size. - Wash-through open frame construction. - Positive spring loaded ball detent mechanism. - Epoxy sealed terminals.
	MATERIALS
	Contacts & terminals: Silver plated Frame: Zinc plated steel Actuator: Thermoplastic Base: Phenolic laminated sheet Terminal seal: Epoxy

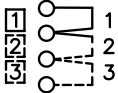
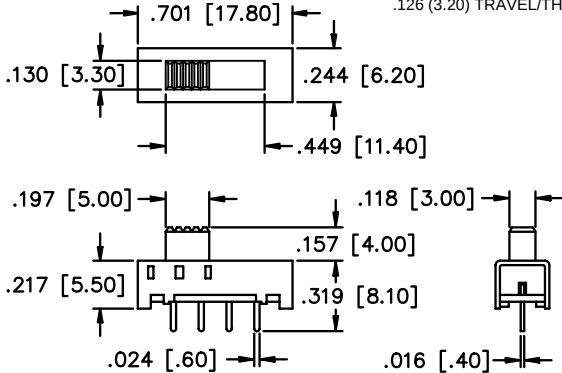
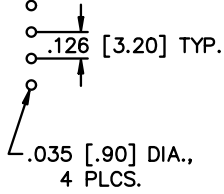
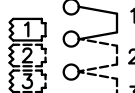
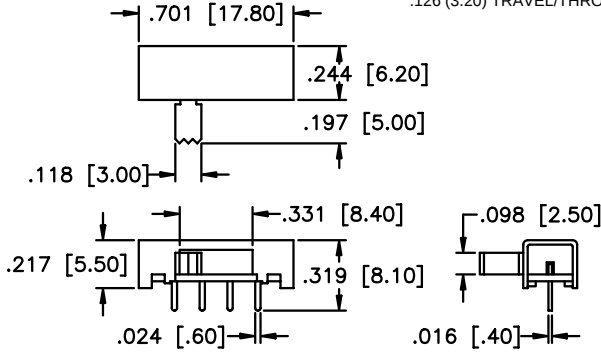
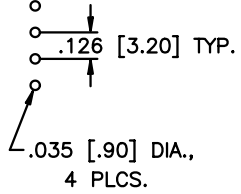
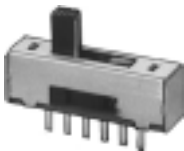
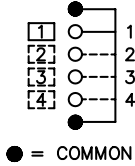
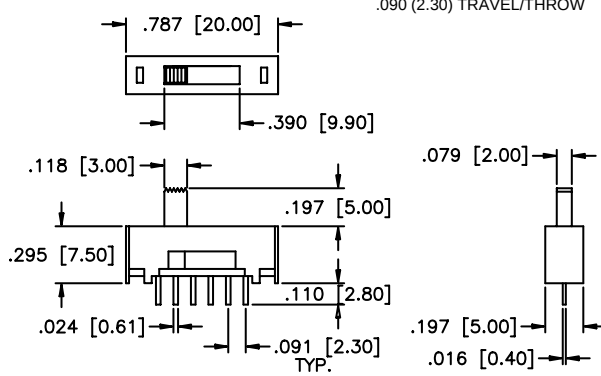
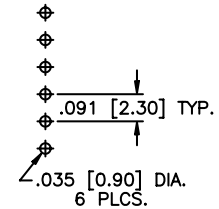
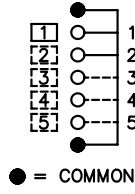
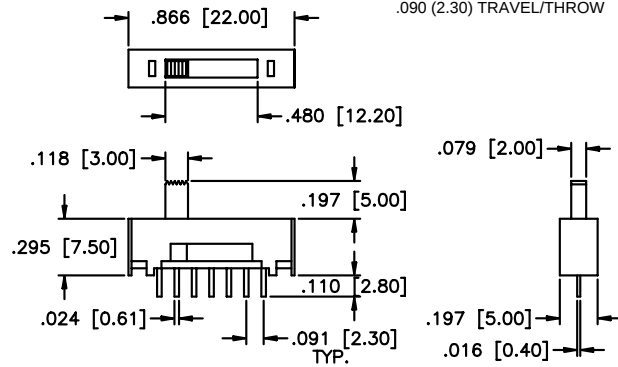
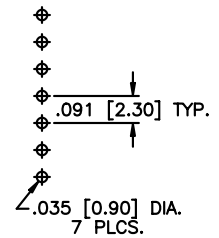
MODEL NO. SLB12814	1P2T   
MODEL NO. SLB1281R5	1P2T   
MODEL NO. SLB1370	1P3T   

SLB Series

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

Miniature Slide Switches

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

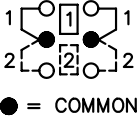
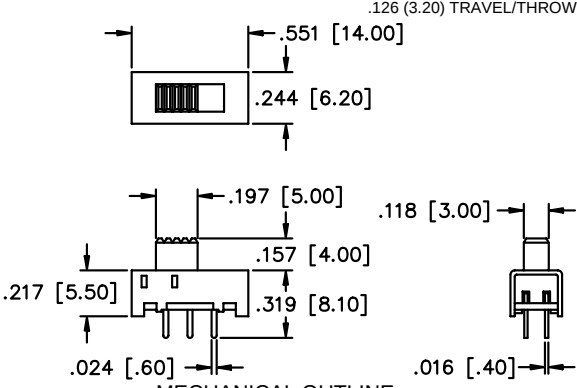
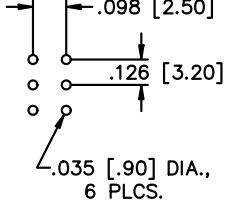
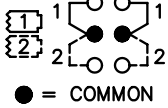
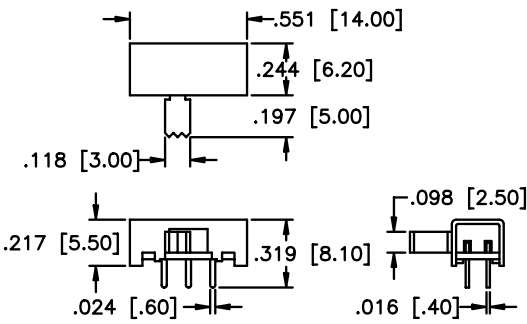
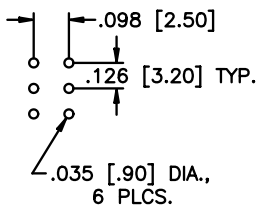
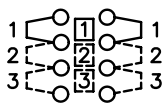
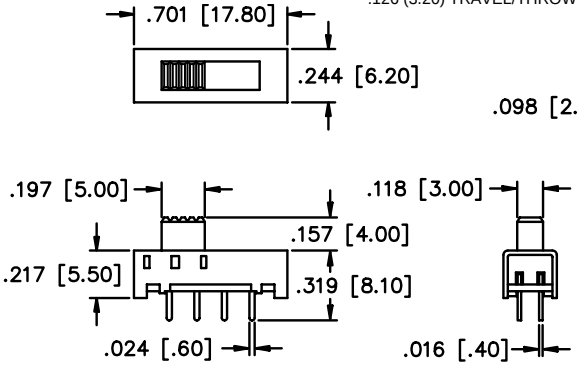
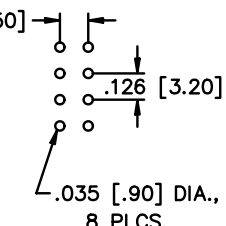
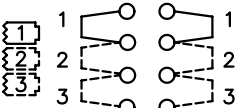
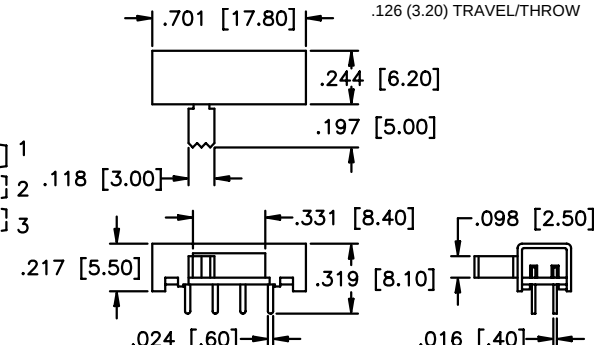
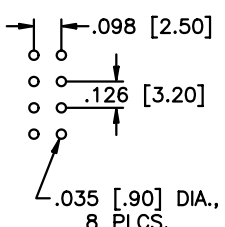
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MODEL NO. SLB1381R5  RIGHT ANGLE ACTUATOR	1P3T    SCHEMATIC MECHANICAL OUTLINE P.C. BOARD LAYOUT
MODEL NO. SLB1470  VERTICAL ACTUATOR	1P4T    SCHEMATIC MECHANICAL OUTLINE P.C. BOARD LAYOUT
MODEL NO. SLB1570  VERTICAL ACTUATOR	1P5T    SCHEMATIC MECHANICAL OUTLINE P.C. BOARD LAYOUT

SLB Series

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

Miniature Slide Switches

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

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

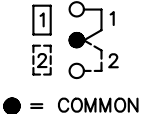
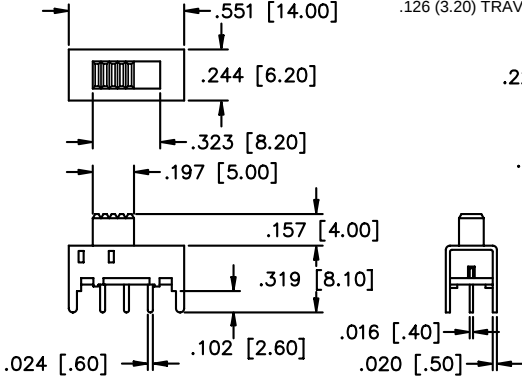
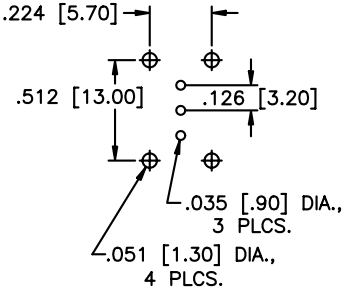
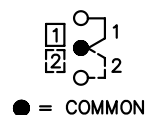
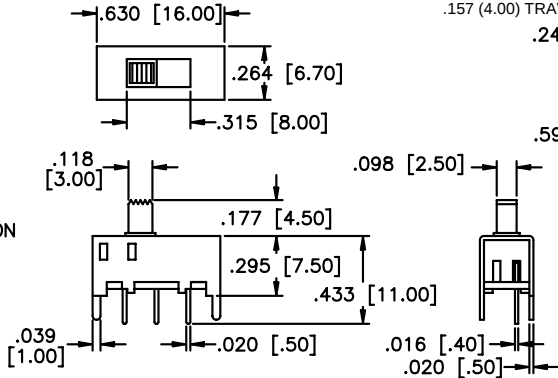
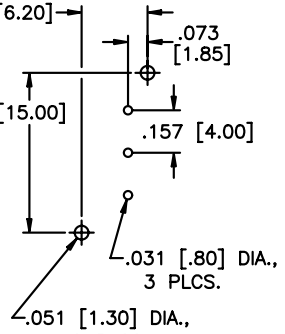
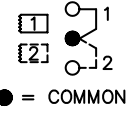
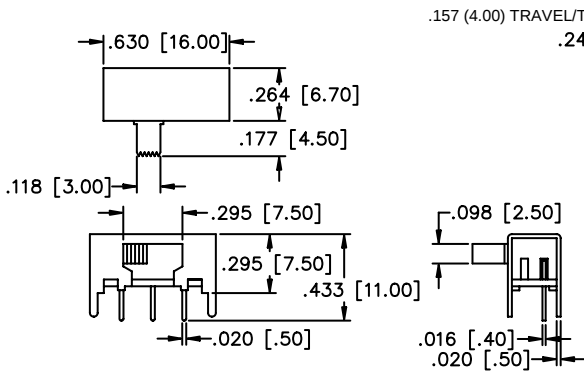
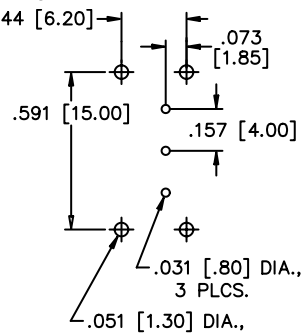
SLB Series

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

Miniature Slide Switches

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

SPECIFICATIONS	FEATURES
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	- Miniature compact size. - Wash-through open frame construction. - Positive spring loaded ball detent mechanism. - Epoxy sealed terminals.
	MATERIALS
	Contacts & terminals: Silver plated Frame: Zinc plated steel Actuator: Thermoplastic Base: Phenolic laminated sheet Terminal seal: Epoxy

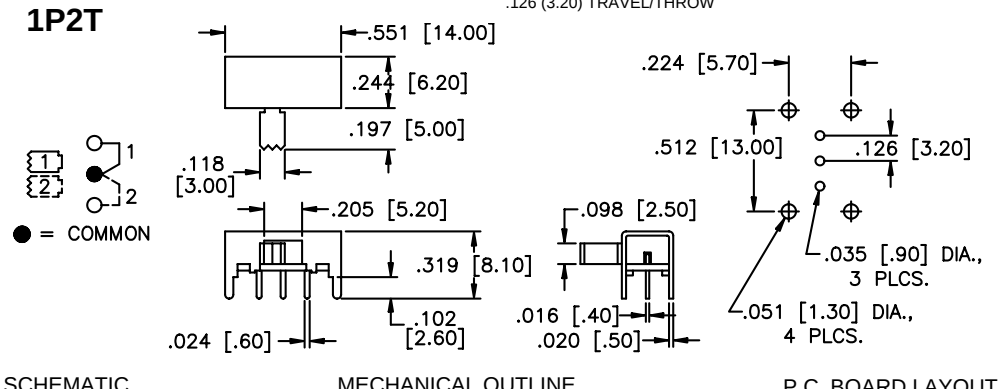
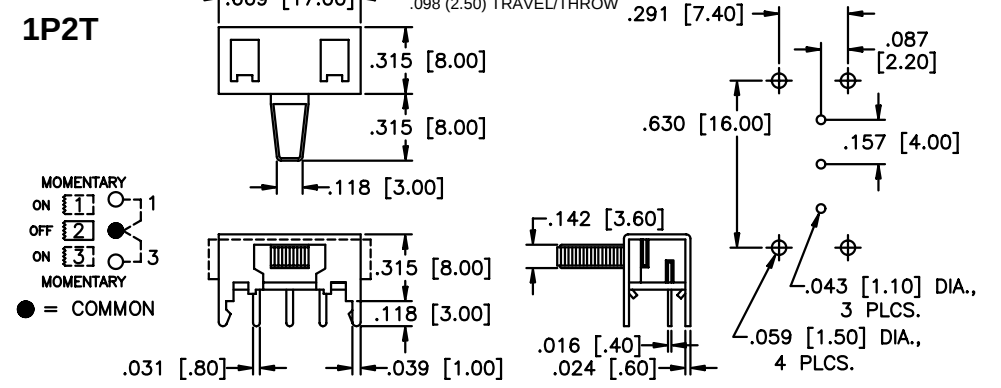
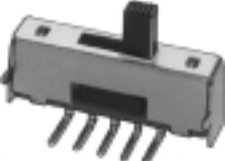
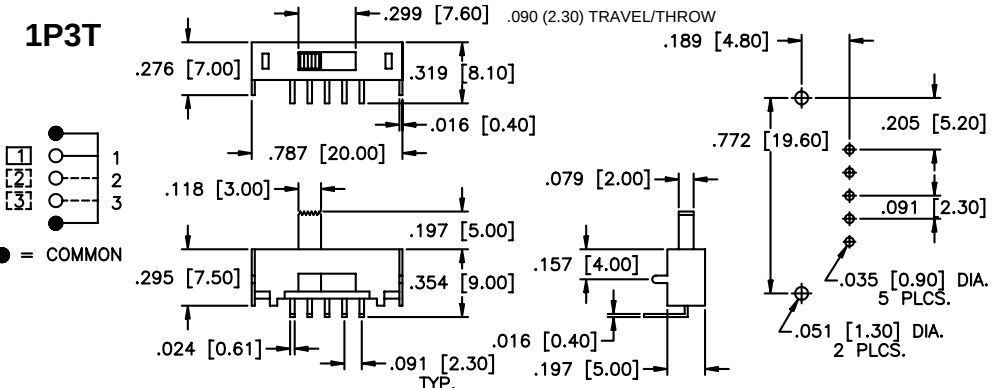
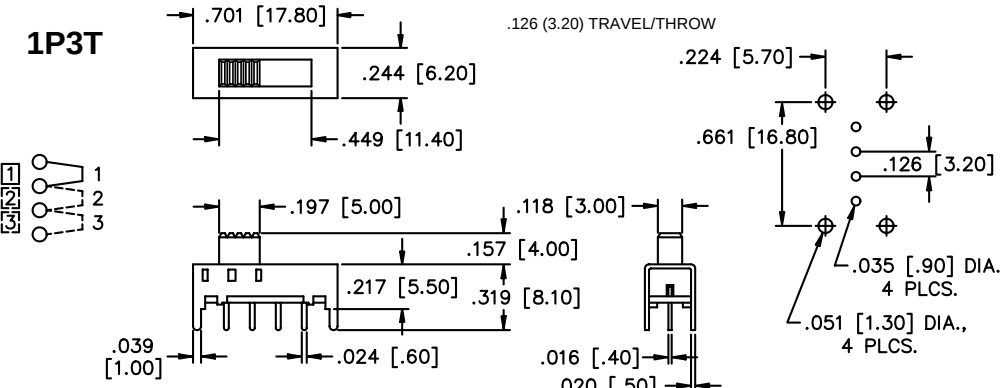
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VERTICAL ACTUATOR	SCHEMATIC MECHANICAL OUTLINE P.C. BOARD LAYOUT
MODEL NO.	1P2T
SLB124145	
	  
VERTICAL ACTUATOR	SCHEMATIC MECHANICAL OUTLINE P.C. BOARD LAYOUT
MODEL NO.	1P2T
SLB1240R45	
	  
RIGHT ANGLE ACTUATOR	SCHEMATIC MECHANICAL OUTLINE P.C. BOARD LAYOUT

SLB Series

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

Miniature Slide Switches

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

MODEL NO. SLB1280R5  RIGHT ANGLE ACTUATOR	1P2T .126 (3.20) TRAVEL/THROW  SCHEMATIC MECHANICAL OUTLINE P.C. BOARD LAYOUT
MODEL NO. SLB1250R8  RIGHT ANGLE ACTUATOR	1P2T .098 (2.50) TRAVEL/THROW  SCHEMATIC MECHANICAL OUTLINE P.C. BOARD LAYOUT
MODEL NO. SLB1370R  RIGHT ANGLE ACTUATOR	1P3T .090 (2.30) TRAVEL/THROW  SCHEMATIC MECHANICAL OUTLINE P.C. BOARD LAYOUT
MODEL NO. SLB13804  VERTICAL ACTUATOR	1P3T .126 (3.20) TRAVEL/THROW  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

MODEL NO. SLB134145 VERTICAL ACTUATOR	1P3T ● = COMMON SCHEMATIC MECHANICAL OUTLINE P.C. BOARD LAYOUT
MODEL NO. SLB1340R45 RIGHT ANGLE ACTUATOR	1P3T ● = COMMON SCHEMATIC MECHANICAL OUTLINE P.C. BOARD LAYOUT
MODEL NO. SLB1380R5 RIGHT ANGLE ACTUATOR	1P3T ● = COMMON SCHEMATIC MECHANICAL OUTLINE P.C. BOARD LAYOUT
MODEL NO. SLB1470R RIGHT ANGLE ACTUATOR	1P4T ● = COMMON SCHEMATIC MECHANICAL OUTLINE P.C. BOARD LAYOUT

SLB Series

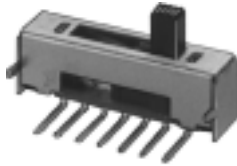
(with thru-p.c. board hole mounting bracket)

Miniature Slide Switches

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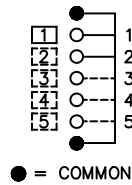
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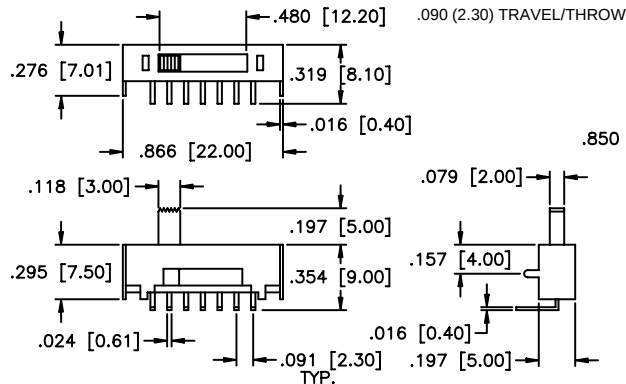


RIGHT ANGLE ACTUATOR

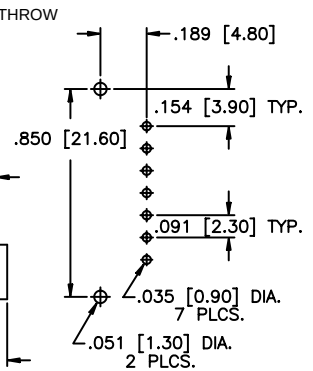
1P5T



SCHEMATIC



MECHANICAL OUTLINE



P.C. BOARD LAYOUT

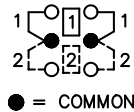
MODEL NO.

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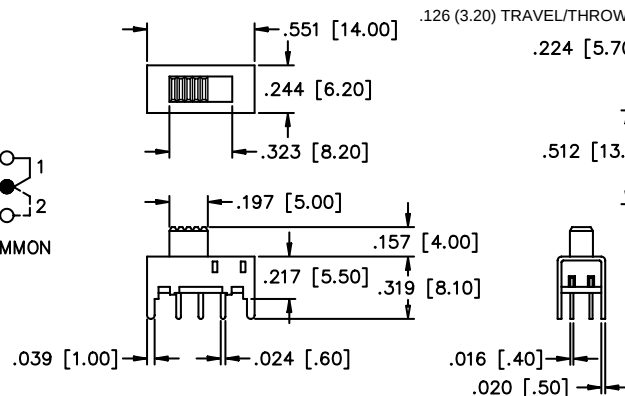


VERTICAL ACTUATOR

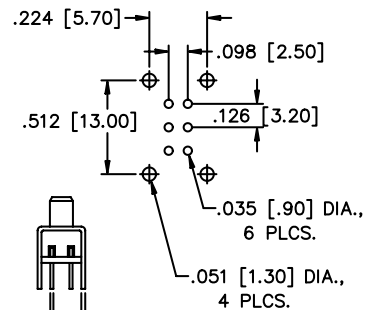
2P2T



SCHEMATIC



MECHANICAL OUTLINE



P.C. BOARD LAYOUT

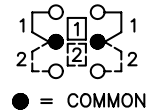
MODEL NO.

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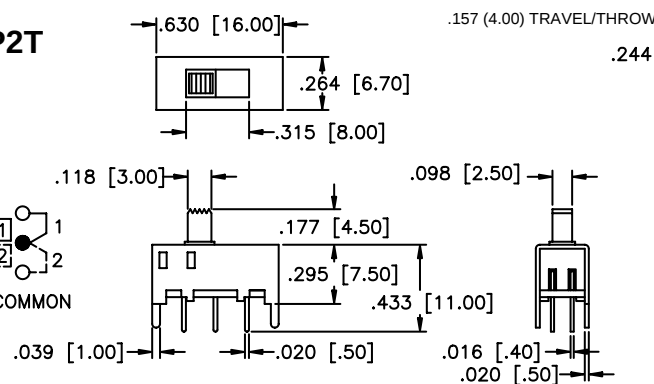


VERTICAL ACTUATOR

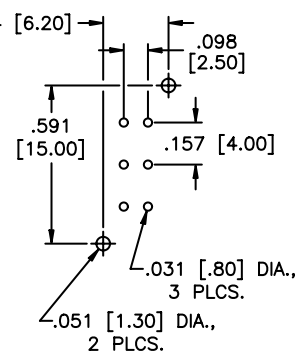
2P2T



SCHEMATIC



MECHANICAL OUTLINE



P.C. BOARD LAYOUT

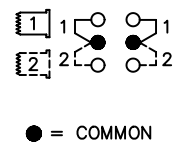
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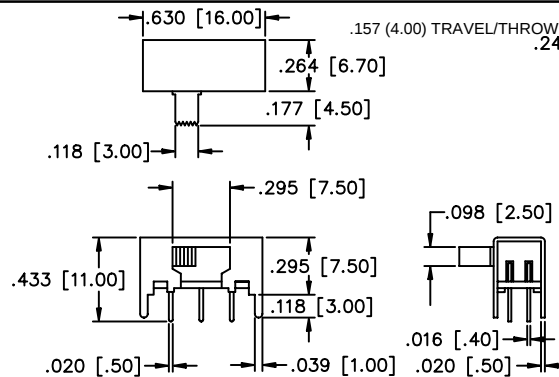


RIGHT ANGLE ACTUATOR

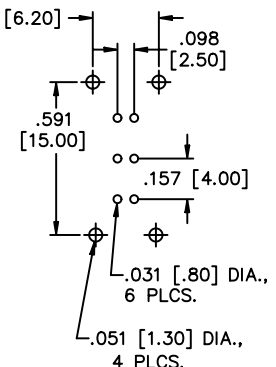
2P2T



SCHEMATIC



MECHANICAL OUTLINE

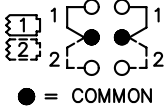
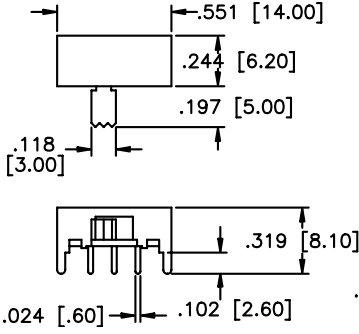
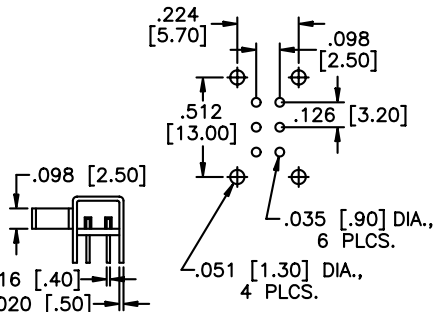
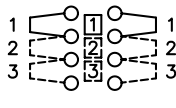
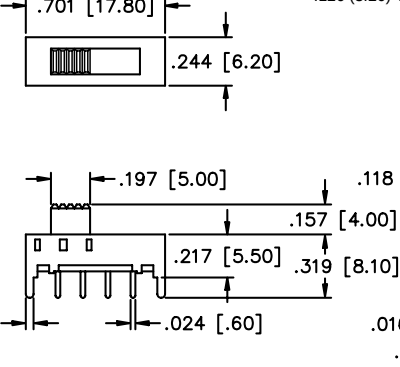
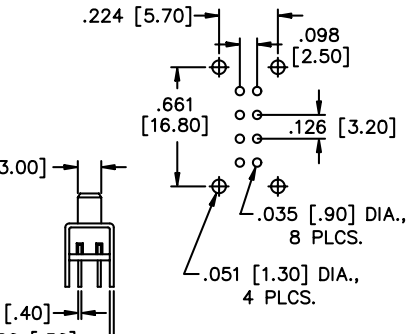
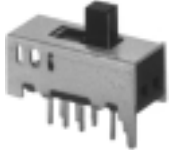
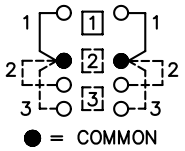
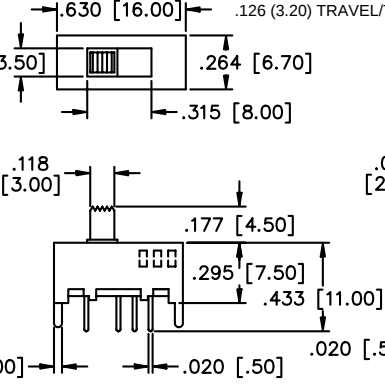
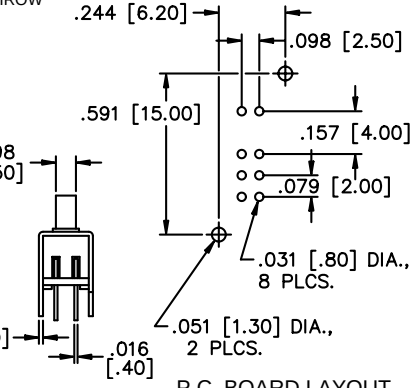
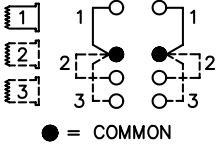
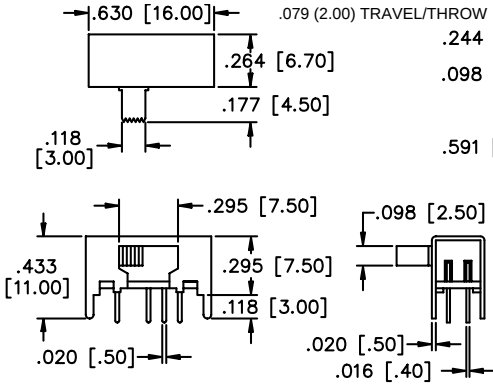
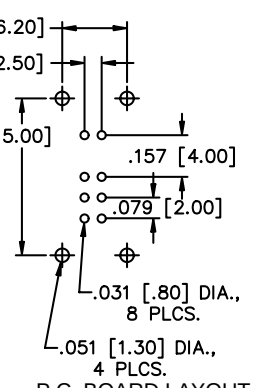


P.C. BOARD LAYOUT

SLB Series

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

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

MODEL NO. SLB2280R5  RIGHT ANGLE ACTUATOR	2P2T  ● = COMMON  MECHANICAL OUTLINE  P.C. BOARD LAYOUT
MODEL NO. SLB23804  VERTICAL ACTUATOR	2P3T   MECHANICAL OUTLINE  P.C. BOARD LAYOUT
MODEL NO. SLB234145  VERTICAL ACTUATOR	2P3T  ● = COMMON  MECHANICAL OUTLINE  P.C. BOARD LAYOUT
MODEL NO. SLB2340R45  RIGHT ANGLE ACTUATOR	2P3T  ● = COMMON  MECHANICAL OUTLINE  P.C. BOARD LAYOUT

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

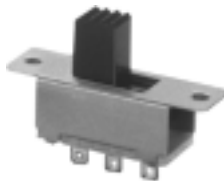
- Panel mounting with solder lug terminals.
- Wash-through open frame construction.
- Positive spring loaded ball detent mechanism.

MATERIALS

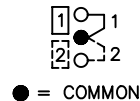
Contacts & terminals: Silver plated
Frame: Zinc plated steel
Actuator: Thermoplastic
Base: Phenolic laminated sheet

MODEL NO.

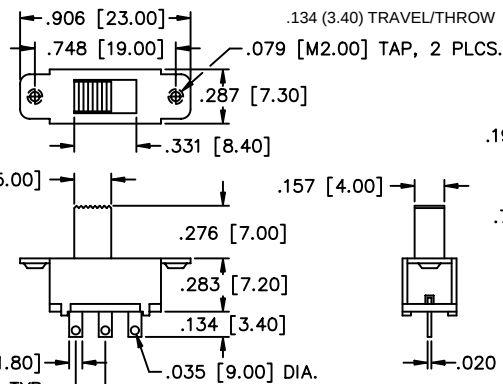
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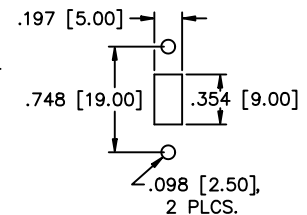
1P2T



SCHEMATIC



MECHANICAL OUTLINE



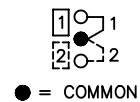
PANEL CUTOUT

MODEL NO.

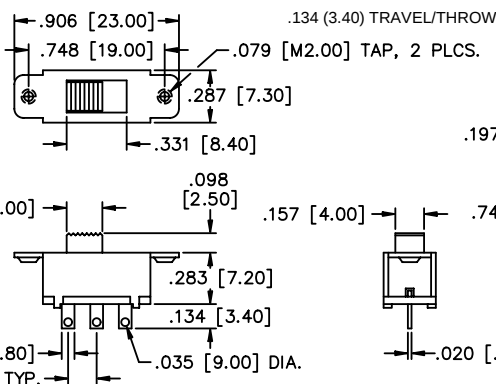
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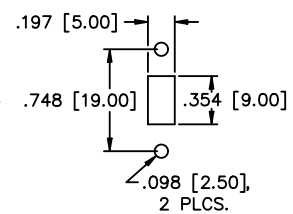
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SCHEMATIC



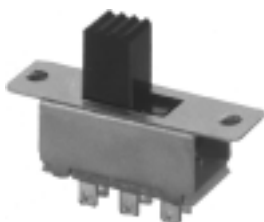
MECHANICAL OUTLINE



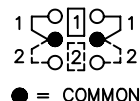
PANEL CUTOUT

MODEL NO.

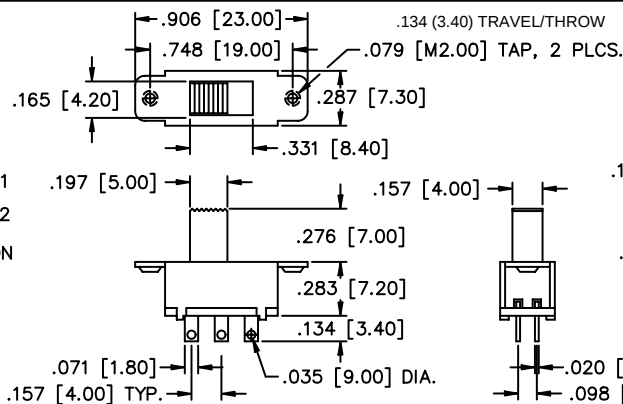
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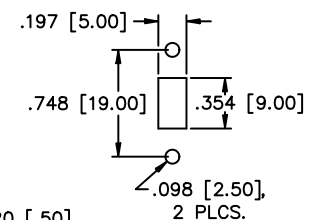
2P2T



SCHEMATIC



MECHANICAL OUTLINE



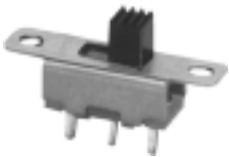
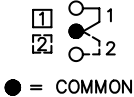
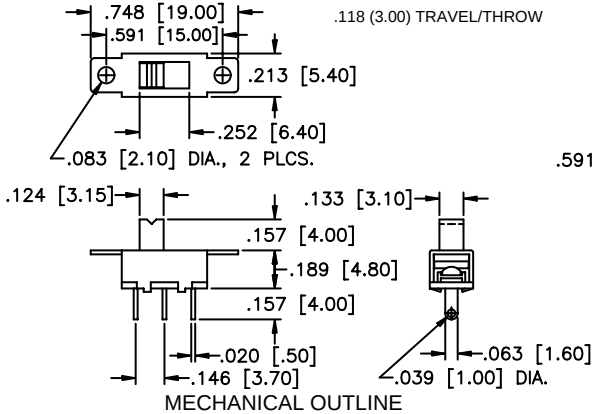
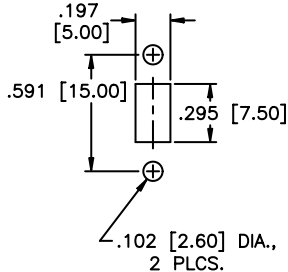
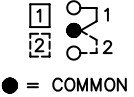
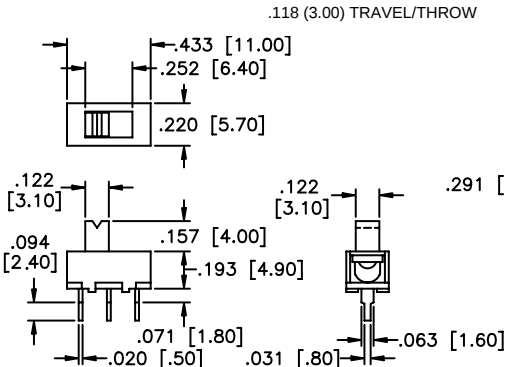
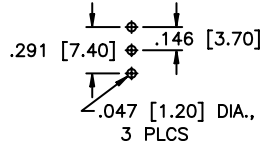
PANEL CUTOUT

SLG Series

Miniature Slide Switches

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

SPECIFICATIONS	FEATURES
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: 200g ± 75g Solder heat resistance: 260°C max. for 3 seconds Solvent washing permissible	• Wash-through open frame construction. • Panel and p.c. mounting models. • Positive spring loaded ball detent mechanism.
	MATERIALS
	Contacts & terminals: Silver plated Frame: Zinc plated steel Actuator: Thermoplastic Base: Phenolic laminated sheet

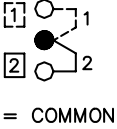
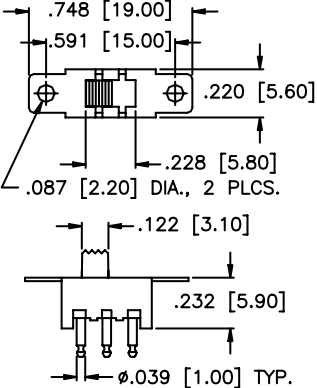
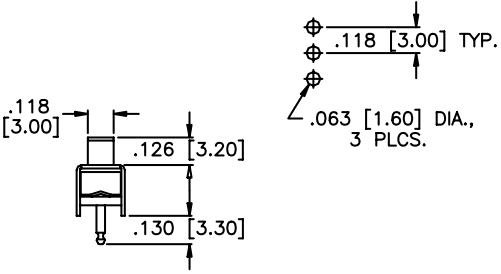
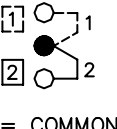
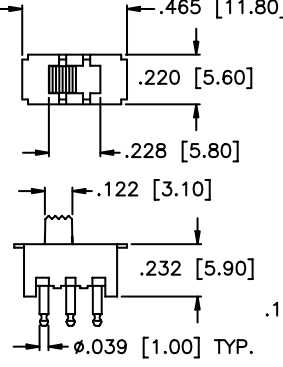
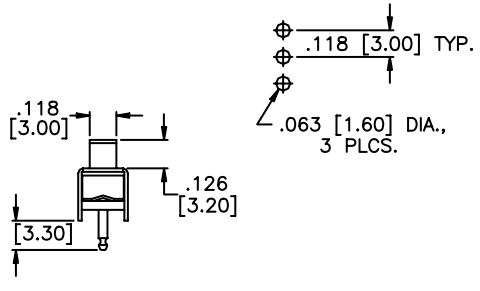
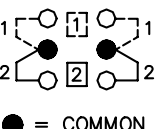
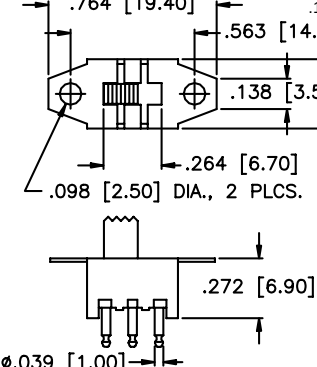
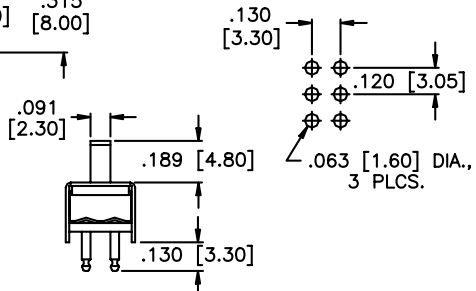
MODEL NO.	1P2T
SLG12004	
	   SCHEMATIC MECHANICAL OUTLINE PANEL CUTOUT
MODEL NO.	1P2T
SLG12014	
	   SCHEMATIC MECHANICAL OUTLINE P.C. BOARD LAYOUT
VERTICAL MOUNTING	

SLA Series

Miniature Slide Switches

SPECIFICATIONS	FEATURES
Contact ratings: 500 mA at 125 VAC 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: 350g ± 200g Solder heat resistance: 260°C max. for 3 seconds Solvent washing permissible	• Miniature compact size. • Wash-through open frame construction. • Panel and p.c. mounting models.
	MATERIALS
	Contacts & terminals: Silver plated brass Frame: Zinc plated steel Actuator: PBT Thermoplastic Base: Phenolic laminated sheet

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

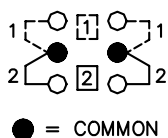
MODEL NO. SLA1200 	1P2T  ● = COMMON  SCHEMATIC MECHANICAL OUTLINE  P.C. BOARD LAYOUT
MODEL NO. SLA1201 	1P2T  ● = COMMON  SCHEMATIC MECHANICAL OUTLINE  P.C. BOARD LAYOUT
MODEL NO. SLA2200 	2P2T  ● = COMMON  SCHEMATIC MECHANICAL OUTLINE  P.C. BOARD LAYOUT

MODEL NO.

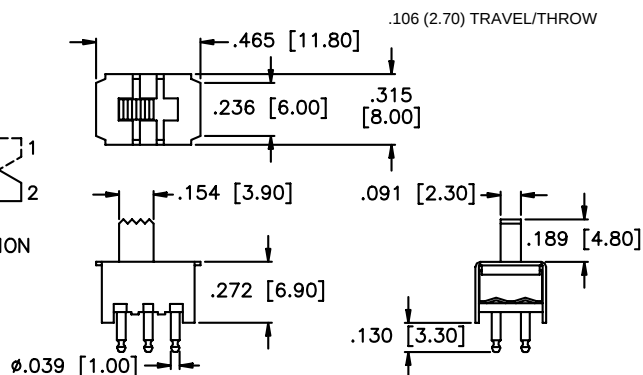
SLA2201



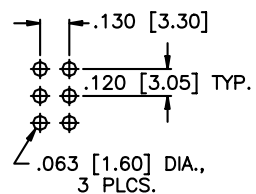
2P2T



SCHEMATIC



MECHANICAL OUTLINE



P.C. BOARD LAYOUT

Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «JONHON», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «FORSTAR».



JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели,
кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



Телефон: 8 (812) 309-75-97 (многоканальный)

Факс: 8 (812) 320-03-32

Электронная почта: ocean@oceanchips.ru

Web: <http://oceanchips.ru/>

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, д. 2, корп. 4, лит. А