

# Slide Switches

Miniature slide switches •



## DISTINCTIVE FEATURES

- Miniature compact size
- Wash-through open fram construction
- Positive spring loaded ball detent mechanism
- Epoxy sealed terminals
- Solvent washing permitted



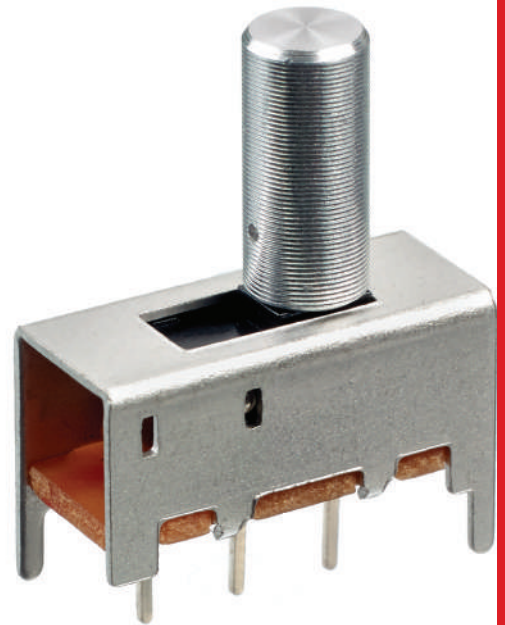
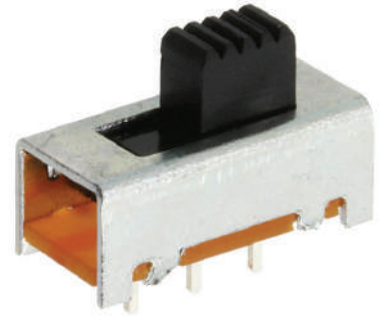
## ENVIRONMENTAL SPECIFICATIONS

- Operating Temperature: -20 °C to +85 °C (-4 °F to +185 °F)
- Solder heat resistance: 260°C ( 500 °F ) max for 5 seconds



## ELECTRICAL SPECIFICATIONS

- See individual series
- Contact Resistance: 20  $\Omega$  max.
- Insulation Resistance: 100 M $\Omega$  min. at 500VDC
- Electrical life: 10,000 cycles min.
- Dielectric strength: 500 VAC for 1 minute



# Slide switch series

Miniature slide switches • MSTS SERIES

## SPECIFICATION

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

Actuation force: 200-600g

Solder heat resistance: 250°C max. for 5 seconds

Solvent washing permitted

## FEATURES

- Miniature compact size
- Snap-in PC mounting bracket design
- Positive spring loaded ball detent mechanism
- Gold plated contacts available (contact factory)

## MATERIALS

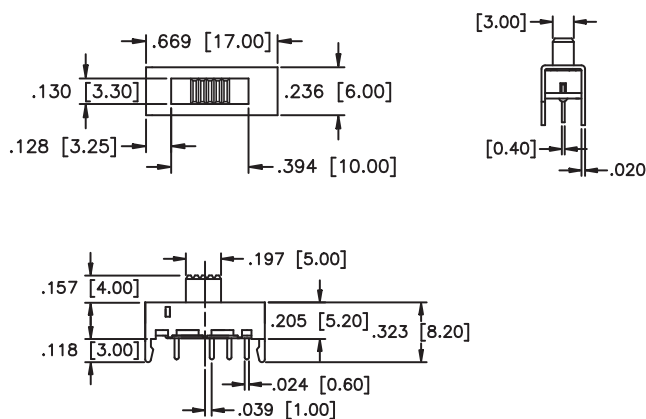
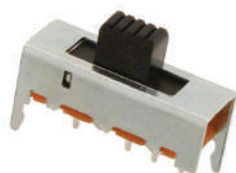
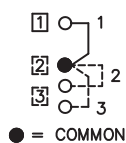
Contacts & terminals: Silver plated brass

Housing: Zinc plated steel

Actuator: Polyacetal, color black

Base: Phenolic laminated sheet

## MSTS1332K



# Slide switch series

Miniature slide switches • MHS SERIES

## SPECIFICATION

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 permitted

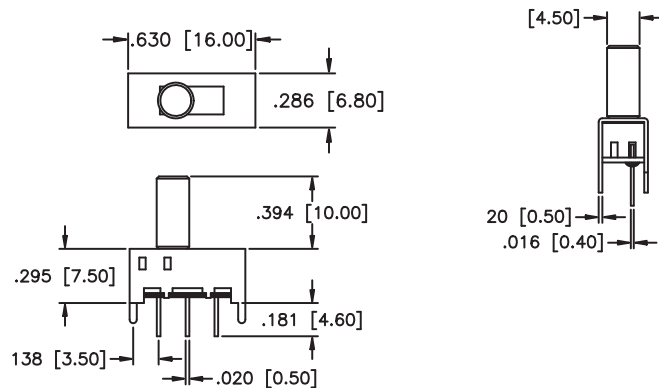
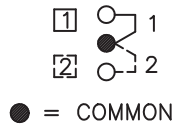
## FEATURES

- Miniature compact size
- Wash-through open frame construction
- Positive spring loaded ball detent mechanism
- Epoxy sealed terminals

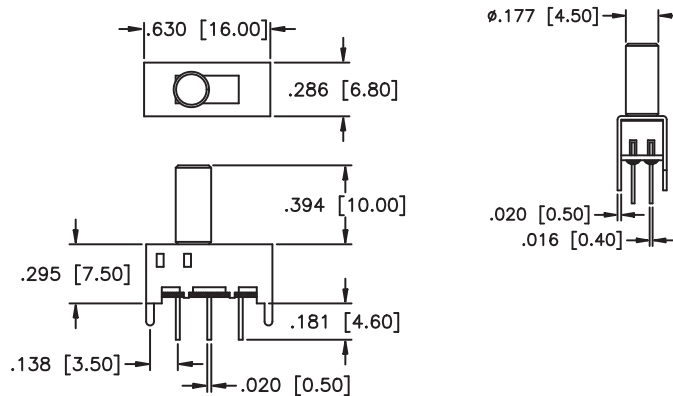
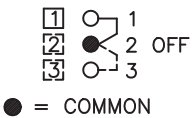
## MATERIALS

Contacts & terminals: Silver plated brass  
 Housing: Tin plated steel  
 Actuator: Aluminum alloy  
 Base: Phenolic laminated sheet

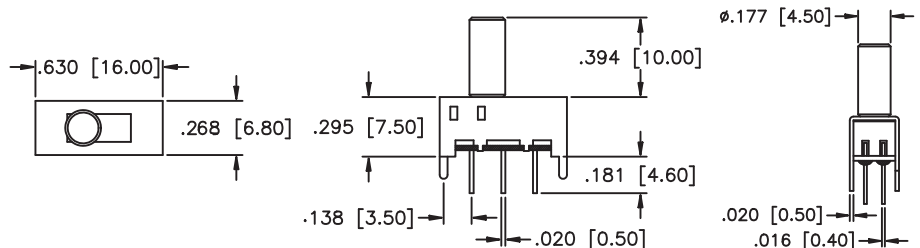
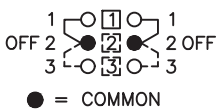
### MHS122K



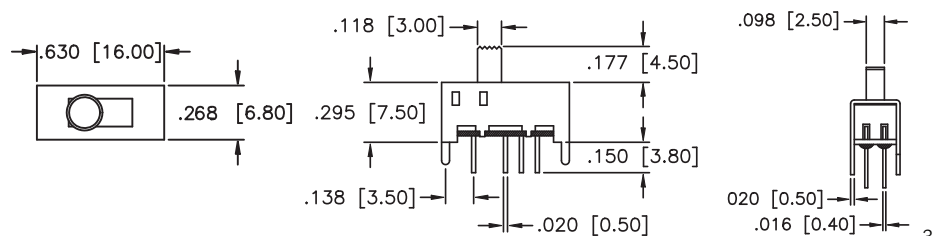
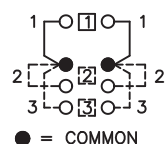
### MHS123K



### MHS223K



### MHS233



# Slide switch series

Miniature slide switches • **SLB SERIES**

## SPECIFICATION

Contact rating: 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 +60°C  
 Actuation force: 250 ±150 grams  
 Solder heat resistance: 260°C max. for 3 seconds  
 Solvent washing permitted

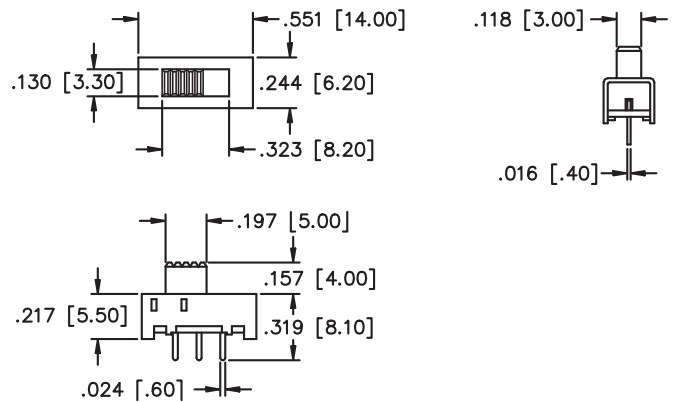
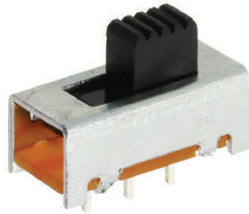
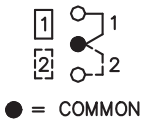
## FEATURES

- Miniature compact size
- Wash-through open frame construction
- Positive spring loaded ball detent mechanism
- Epoxy sealed terminals

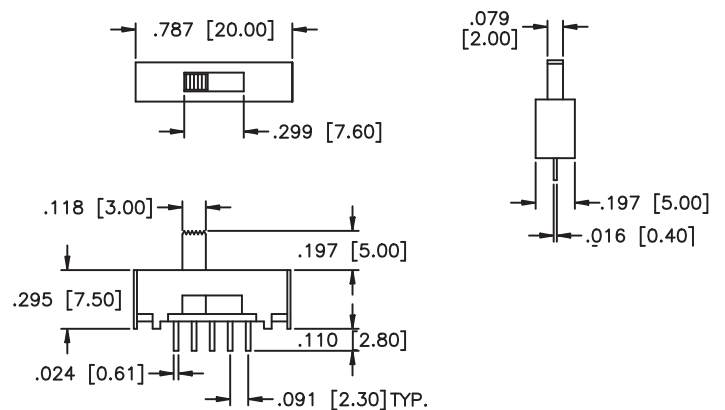
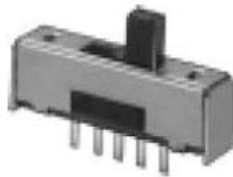
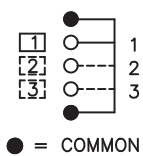
## MATERIALS

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

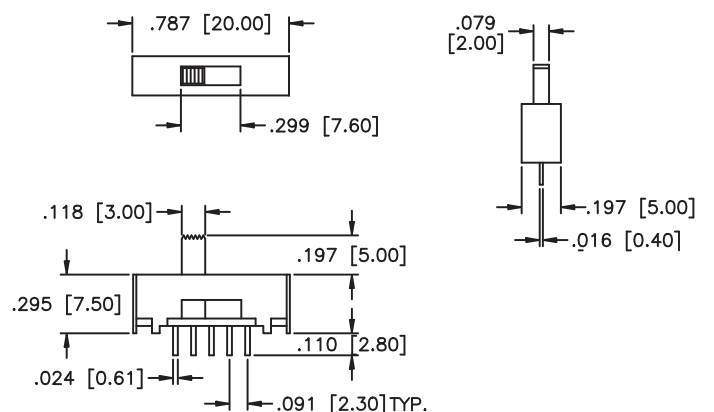
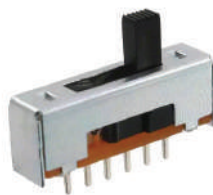
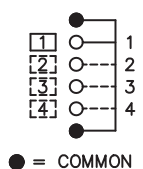
### SLB12814



### SLB1370



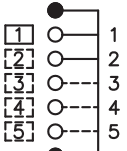
### SLB1470



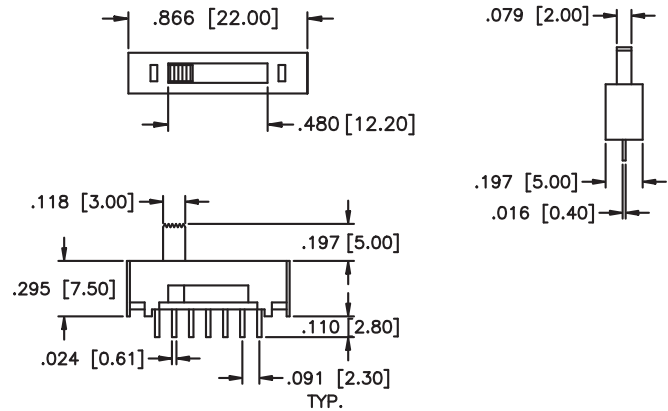
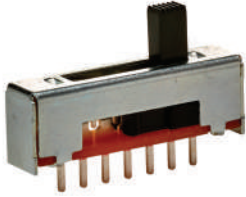
# Slide switch series

Miniature slide switches • SLB / SLG SERIES

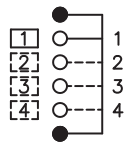
## SLB1570



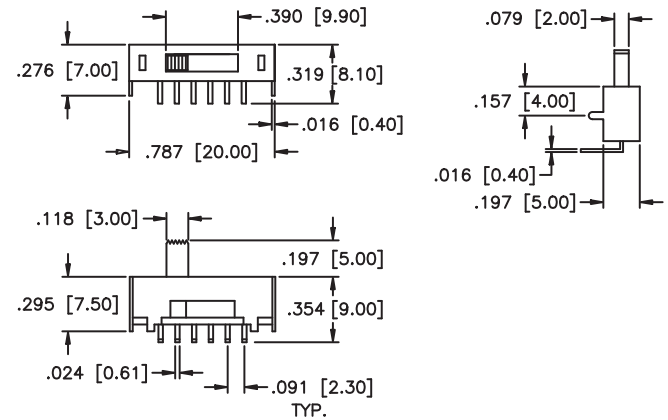
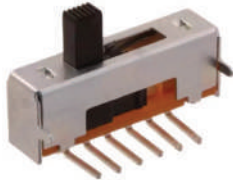
● = COMMON



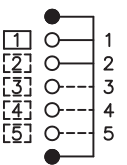
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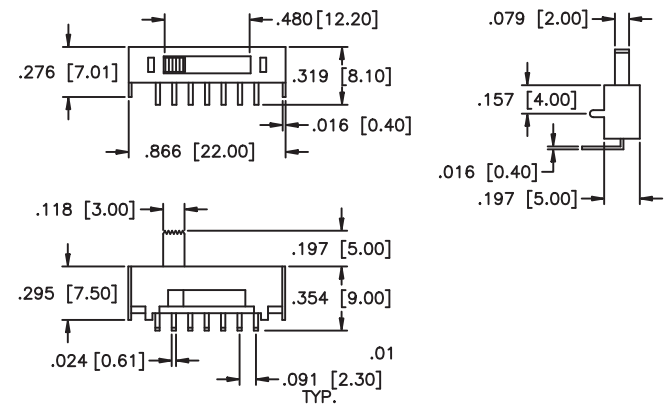
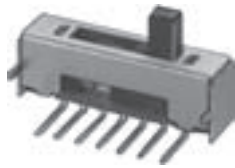
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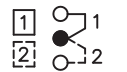
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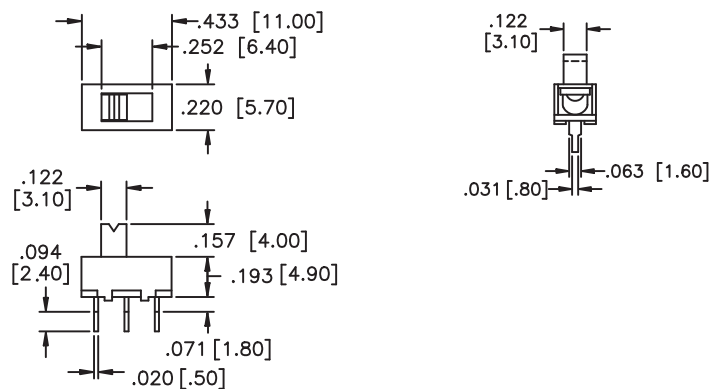
● = COMMON



## SLG12014



● = COMMON



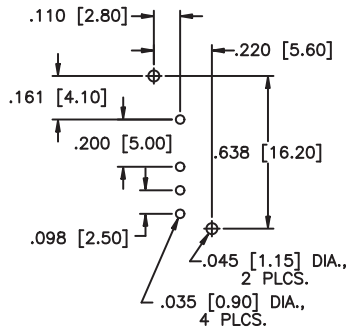
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Miniature slide switches •

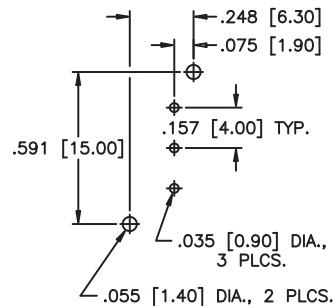


## PCB LAYOUT

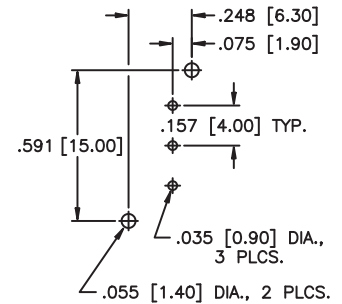
MSTS1332K



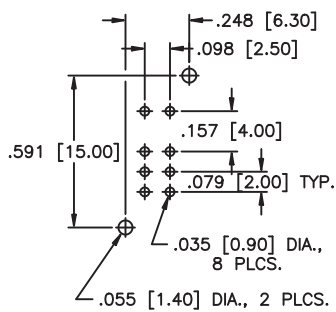
MHS122K



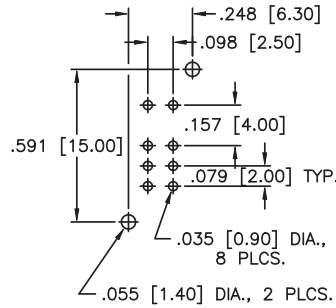
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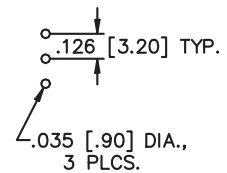
MHS233K



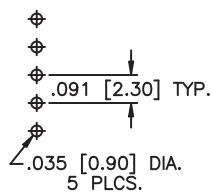
MS233



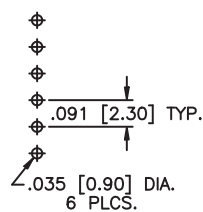
SLB12814



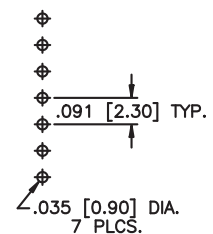
SLB1370



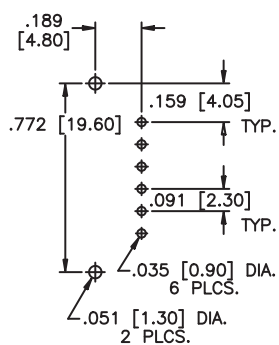
SLB1470



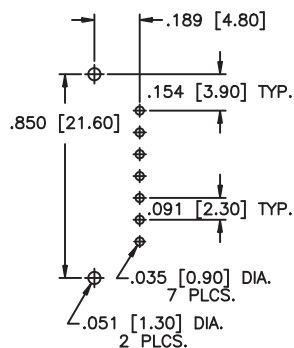
SLB1570



SLB1470R



SLB1570R



SLG12014

