

**Features/Benefits**

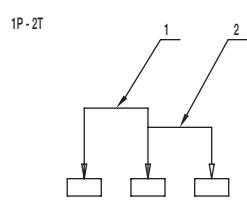
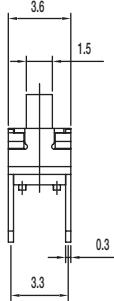
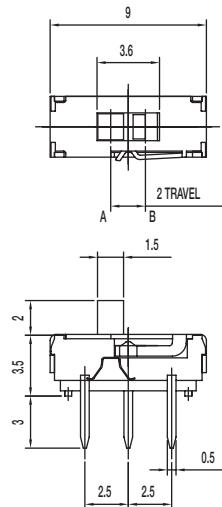
- Broad range of products
- Various circuit design, SPDT, 4P3T, vertical, right angle
- Compact miniature slide switch
- Shorting or non-shorting
- Custom design available

**Typical Applications**

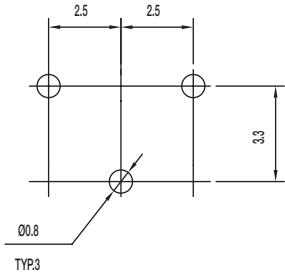
- Consumer electronics
- Computer peripherals
- Telecommunication
- Audio & visual equipment
- Medical
- Automotive



**SS-12D1305-G 2** 1P2T NON-SHORTING



SCHEMATIC



PIERCING PLAN

**Specifications**

CONTACT RATING: 0.3A @ 6 VDC

INITIAL CONTACT RESISTANCE: 70 m ohms max.

INSULATION RESISTANCE: 100 M ohms min.

DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load

OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)

TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

**Materials**

KNOB: PA

COVER: SUS

HOUSING: PA

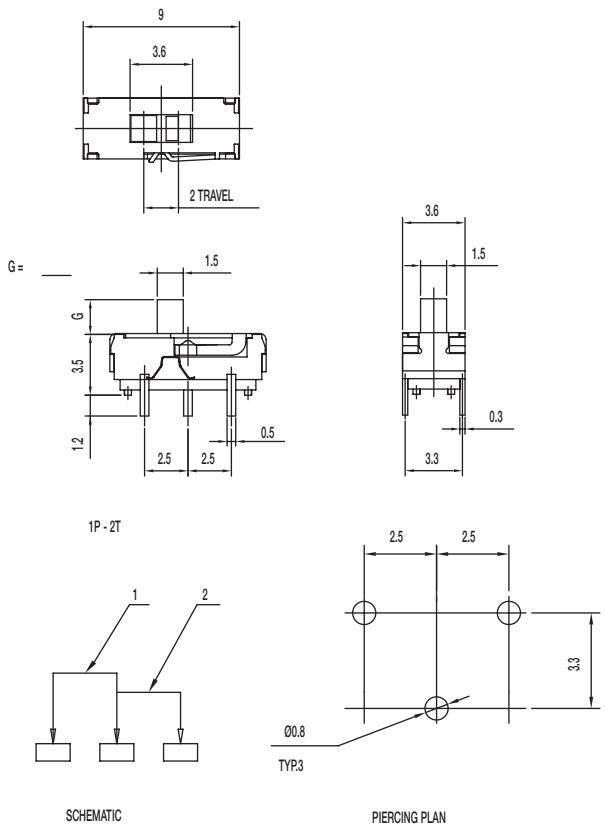
CONTACT: Silver clad

TERMINAL: Silver plated

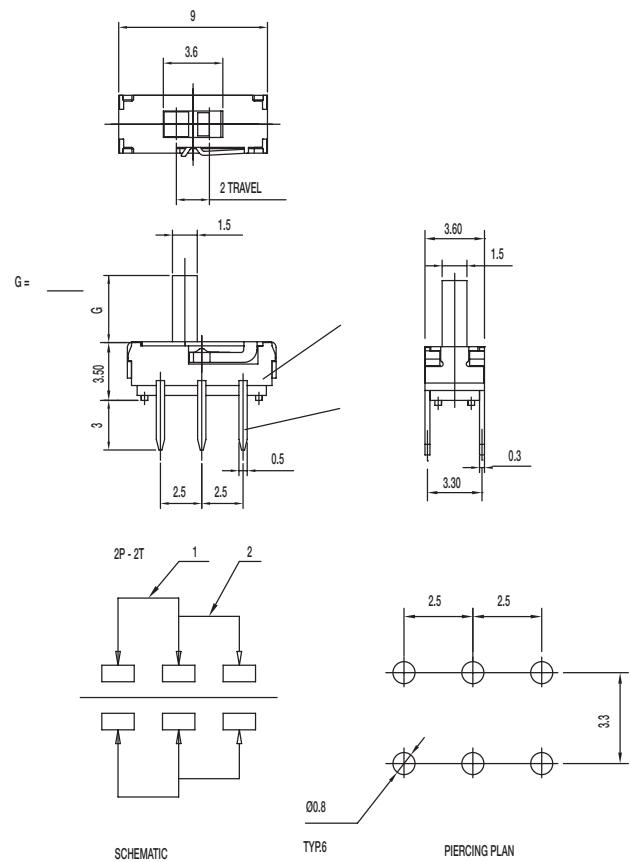
# SS Series

## Miniature Slide Switches

### SS-12D1505-G 1P2T NON-SHORTING



### SS-22D0205-G DPDT NON-SHORTING



### Specifications

CONTACT RATING: 0.3A @ 6 VDC  
 INITIAL CONTACT RESISTANCE: 70 m ohms max.  
 INSULATION RESISTANCE: 100 M ohms min.  
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
 OPERATING LIFE: 10,000 cycles with load  
 OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)  
 TRAVEL: 2 ± 0.3 mm  
 OPERATING TEMPERATURE: -20°C to 80°C

### Materials

KNOB: PA  
 COVER: SUS  
 HOUSING: PA  
 CONTACT: Silver clad  
 TERMINAL: Silver plated

### Specifications

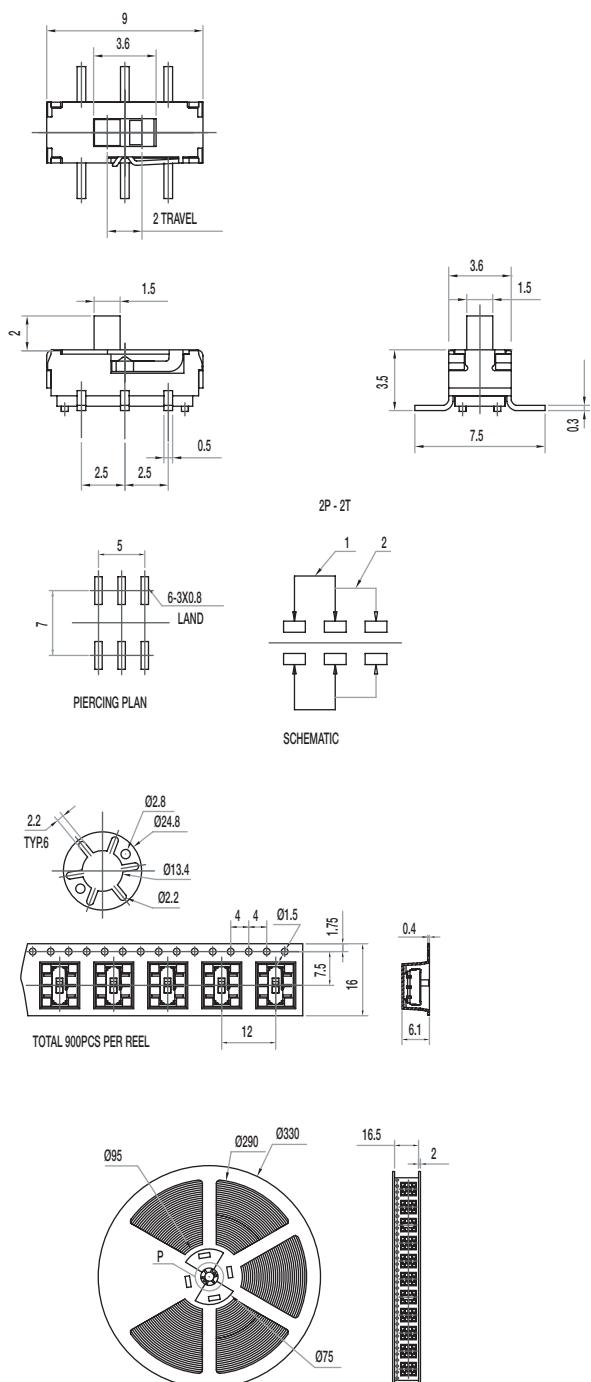
CONTACT RATING: 0.3A @ 6 VDC  
 INITIAL CONTACT RESISTANCE: 70 m ohms max.  
 INSULATION RESISTANCE: 100 M ohms min.  
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
 OPERATING LIFE: 10,000 cycles with load  
 OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)  
 TRAVEL: 2 ± 0.3 mm  
 OPERATING TEMPERATURE: -20°C to 80°C

### Materials

KNOB: PA  
 COVER: SUS  
 HOUSING: PA  
 CONTACT: Silver clad  
 TERMINAL: Silver plated

# SS Series Miniature Slide Switches

**SS-22D0205-G 2 -LT** DPDT NON-SHORTING



## Specifications

CONTACT RATING: 0.3A @ 6 VDC

INITIAL CONTACT RESISTANCE: 70 m ohms max.

INSULATION RESISTANCE: 100 M ohms min.

DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load

OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)

TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

## Materials

KNOB: PA

COVER: SUS

HOUSING: PA

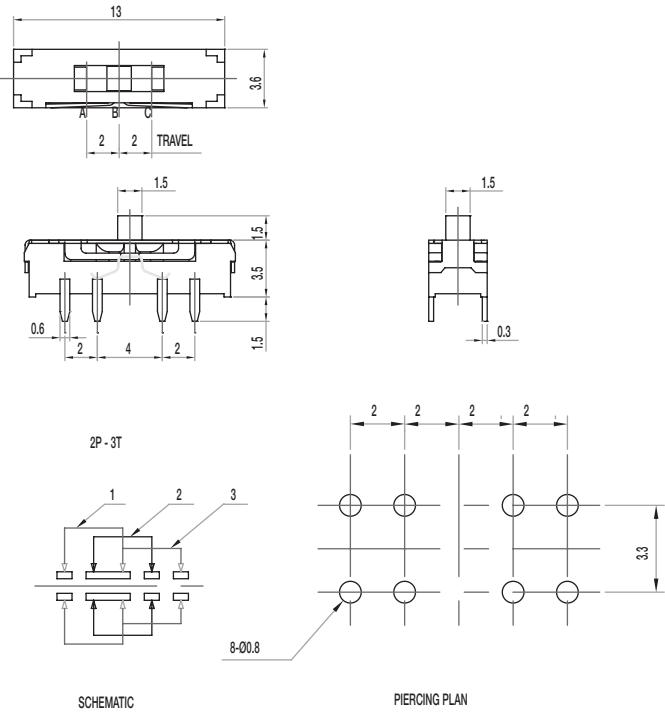
CONTACT: Silver clad

TERMINAL: Silver plated

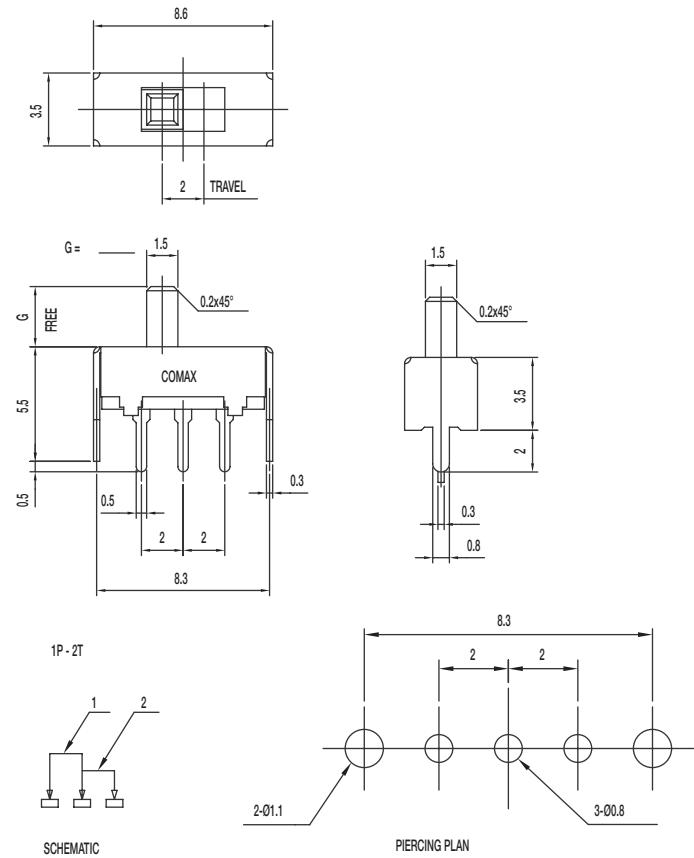
# SS Series

## Miniature Slide Switches

### SS-23D31-G 1.5 NS 2P3T NON-SHORTING



### SS-12D01-G E NS 1P2T NON-SHORTING



## Specifications

CONTACT RATING: 0.3A @ 6 VDC

INITIAL CONTACT RESISTANCE: 70 m ohms max.

INSULATION RESISTANCE: 100 M ohms min.

DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load

OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)

250 ± 100 gf (2.47 ± 0.98N)

TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

## Materials

KNOB: PA

COVER: SUS

HOUSING: PA

CONTACT: Silver clad

TERMINAL: Silver plated

## Specifications

CONTACT RATING: 0.3A @ 30 VDC

INITIAL CONTACT RESISTANCE: 30 m ohms max.

INSULATION RESISTANCE: 100 M ohms min.

DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load

OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)

TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

## Materials

KNOB: POM

COVER: SUS

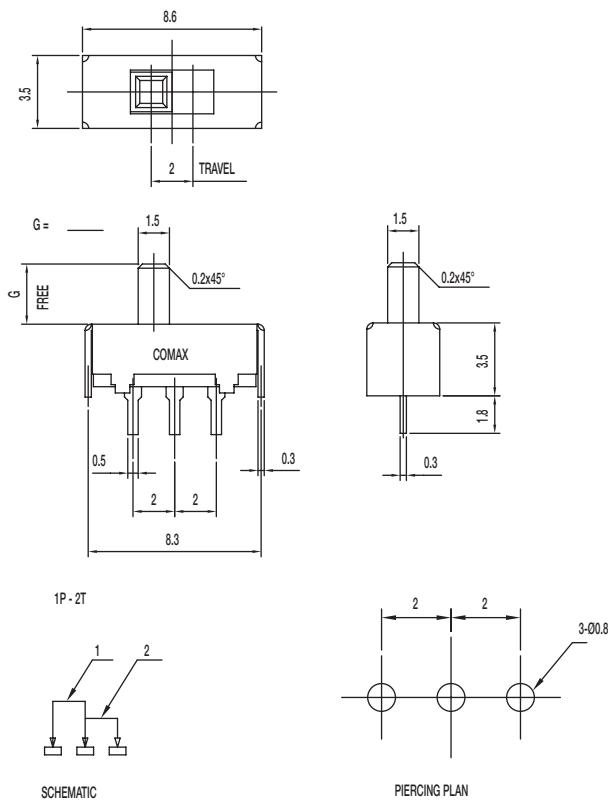
FRAME: SPTE

CONTACT: Silver clad

TERMINAL: Silver plated

# SS Series Miniature Slide Switches

## SS-12D05-G E NS 1P2T NON-SHORTING



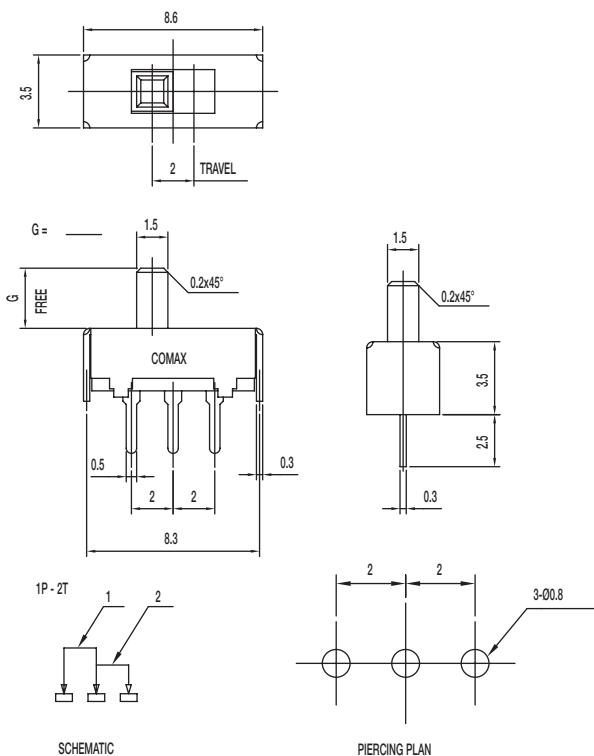
### Specifications

CONTACT RATING: 0.3A @ 30 VDC  
 INITIAL CONTACT RESISTANCE: 30 m ohms max.  
 INSULATION RESISTANCE: 100 M ohms min.  
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
 OPERATING LIFE: 10,000 cycles with load  
 OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)  
 TRAVEL: 2 ± 0.3 mm  
 OPERATING TEMPERATURE: -20°C to 70°C

### Materials

KNOB: POM  
 FRAME: SPTE  
 CONTACT: Silver clad  
 TERMINAL: Silver plated

## SS-12D06-G E NS 1P2T NON-SHORTING



### Specifications

CONTACT RATING: 0.3A @ 30 VDC  
 INITIAL CONTACT RESISTANCE: 30 m ohms max.  
 INSULATION RESISTANCE: 100 M ohms min.  
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
 OPERATING LIFE: 10,000 cycles with load  
 OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)  
 TRAVEL: 2 ± 0.3 mm  
 OPERATING TEMPERATURE: -20°C to 70°C

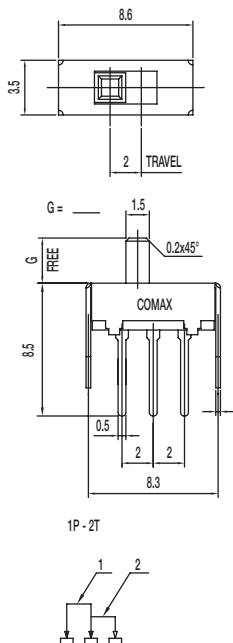
### Materials

KNOB: POM  
 FRAME: SPTE  
 CONTACT: Silver clad  
 TERMINAL: Silver plated

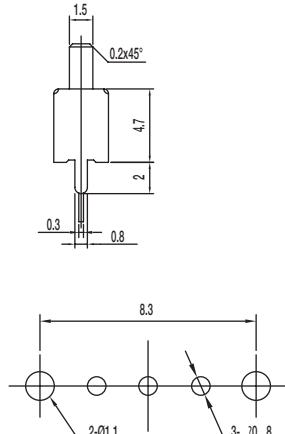
# SS Series

## Miniature Slide Switches

### SS-12D11-G E NS 1P2T NON-SHORTING



SCHEMATIC



PIERCING PLAN

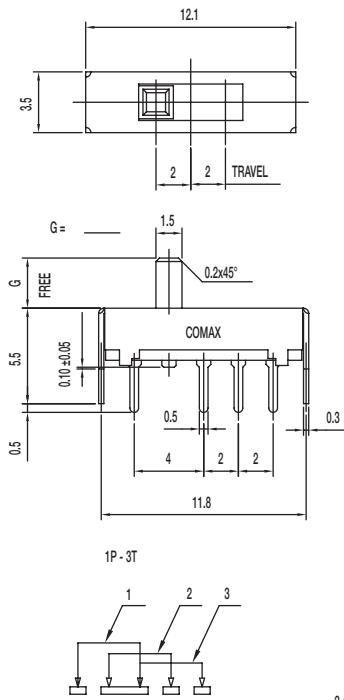
### Specifications

CONTACT RATING: 0.3A @ 30 VDC  
 INITIAL CONTACT RESISTANCE: 30 m ohms max.  
 INSULATION RESISTANCE: 100 M ohms min.  
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
 OPERATING LIFE: 10,000 cycles with load  
 OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)  
 TRAVEL: 2 ± 0.3 mm  
 OPERATING TEMPERATURE: -20°C to 70°C

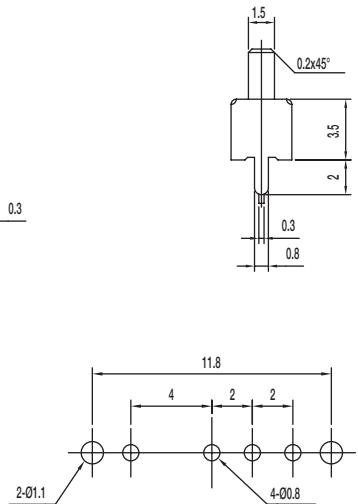
### Materials

KNOB: POM  
 FRAME: SPTE  
 CONTACT: Silver clad  
 TERMINAL: Silver plated

### SS-13D01-G 1P3T



SCHEMATIC



PIERCING PLAN

### Specifications

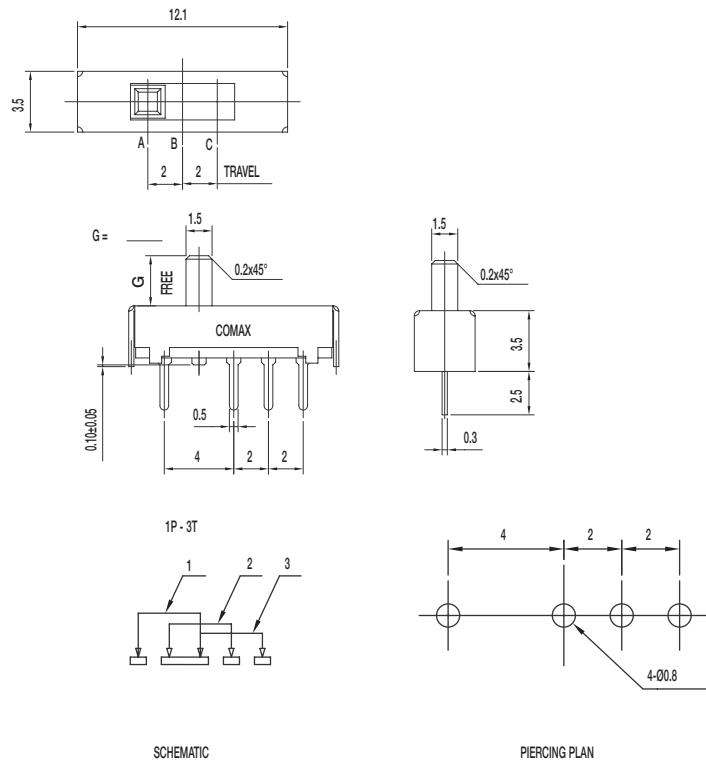
CONTACT RATING: 0.3A @ 30 VDC  
 INITIAL CONTACT RESISTANCE: 30 m ohms max.  
 INSULATION RESISTANCE: 100 M ohms min.  
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
 OPERATING LIFE: 10,000 cycles with load  
 OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)  
 250 ± 100 gf (2.47 ± 0.98N)  
 TRAVEL: 2 ± 0.3 mm  
 OPERATING TEMPERATURE: -20°C to 70°C

### Materials

KNOB: POM  
 FRAME: SPTE  
 CONTACT: Silver clad  
 TERMINAL: Silver plated

# SS Series Miniature Slide Switches

## SS-13D04-G 1P3T



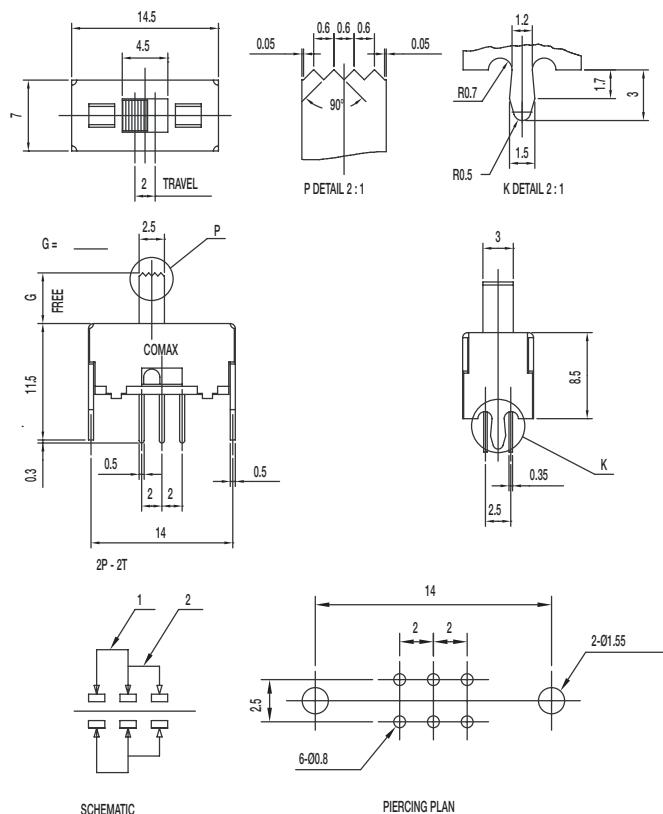
### Specifications

CONTACT RATING: 0.3A @ 30 VDC  
INITIAL CONTACT RESISTANCE: 30 m ohms max.  
INSULATION RESISTANCE: 100 M ohms min.  
DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
OPERATING LIFE: 10,000 cycles with load  
OPERATING FORCE:  $200 \pm 100$  gf ( $1.96 \pm 0.98$  N)  
 $250 \pm 100$  gf ( $2.47 \pm 0.98$  N)  
TRAVEL:  $2 \pm 0.3$  mm  
OPERATING TEMPERATURE: -20°C to 70°C

### Materials

KNOB: POM  
FRAME: SPTE  
CONTACT: Silver clad  
TERMINAL: Silver plated

## SS-22D28-G NS 2P2T NON-SHORTING



### Specifications

CONTACT RATING: 0.3A @ 30 VDC  
INITIAL CONTACT RESISTANCE: 30 m ohms max.  
INSULATION RESISTANCE: 100 M ohms min.  
DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
OPERATING LIFE: 10,000 cycles with load  
OPERATING FORCE:  $200 \pm 100$  gf ( $1.96 \pm 0.98$  N)  
TRAVEL:  $2 \pm 0.3$  mm  
OPERATING TEMPERATURE: -20°C to 70°C

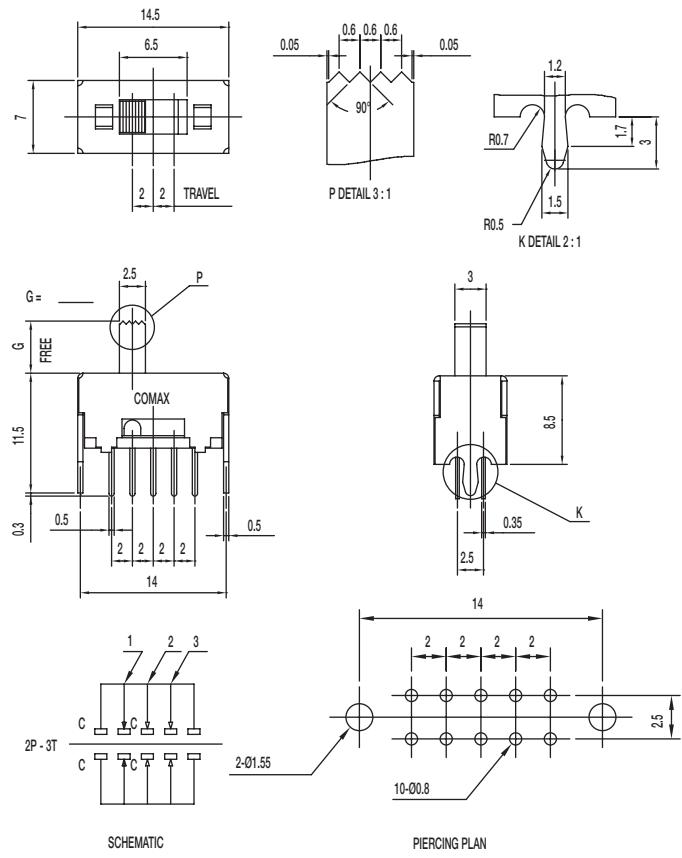
### Materials

KNOB: POM  
FRAME: SPCC  
CONTACT: Silver clad  
TERMINAL: Silver plated

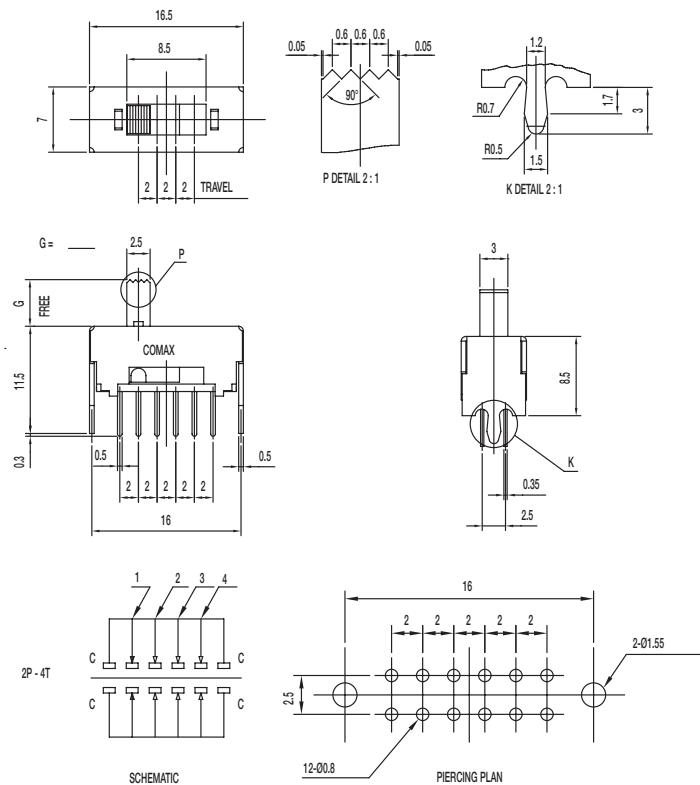
# SS Series

## Miniature Slide Switches

### SS-23D28-G NS 2P3T NON-SHORTING



### SS-24D28-G NS 2P4T NON-SHORTING



## Specifications

CONTACT RATING: 0.3A @ 30 VDC  
 INITIAL CONTACT RESISTANCE: 30 m ohms max.  
 INSULATION RESISTANCE: 100 M ohms min.  
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
 OPERATING LIFE: 10,000 cycles with load  
 OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)  
 $300 \pm 150$  gf (2.94 ± 1.47N)  
 TRAVEL:  $2 \pm 0.3$  mm  
 OPERATING TEMPERATURE: -20°C to 70°C

## Materials

KNOB: POM  
 FRAME: SPCC  
 CONTACT: Silver clad  
 TERMINAL: Silver plated

## Specifications

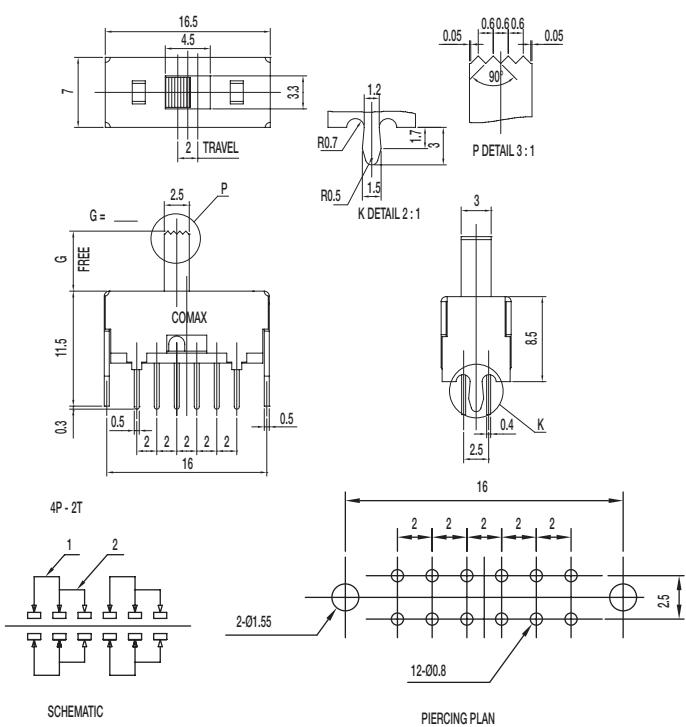
CONTACT RATING: 0.3A @ 30 VDC  
 INITIAL CONTACT RESISTANCE: 30 m ohms max.  
 INSULATION RESISTANCE: 100 M ohms min.  
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
 OPERATING LIFE: 10,000 cycles with load  
 OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)  
 $250 \pm 100$  gf (2.45 ± 0.98N);  $300 \pm 100$  gf (2.94 ± 0.98N)  
 TRAVEL:  $2 \pm 0.3$  mm  
 OPERATING TEMPERATURE: -20°C to 70°C

## Materials

KNOB: POM  
 FRAME: SPCC  
 CONTACT: Silver clad  
 TERMINAL: Silver plated

# SS Series Miniature Slide Switches

## SS-42D28-G NS 4P2T NON-SHORTING



### Specifications

CONTACT RATING: 0.3A @ 30 VDC

INITIAL CONTACT RESISTANCE: 30 m ohms max.

INSULATION RESISTANCE: 100 M ohms min.

DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load

OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)

TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

### Materials

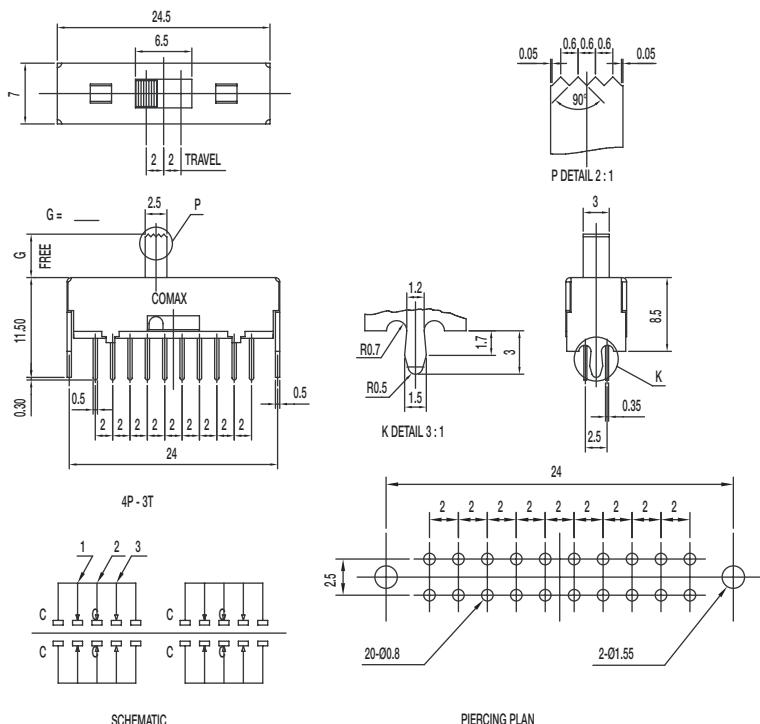
KNOB: POM

FRAME: SPCC

CONTACT: Silver clad

TERMINAL: Silver plated

## SS-43D28-G NS 4P3T NON-SHORTING



### Specifications

CONTACT RATING: 0.3A @ 30 VDC

INITIAL CONTACT RESISTANCE: 30 m ohms max.

INSULATION RESISTANCE: 100 M ohms min.

DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load

OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)

300 ± 150 gf (2.94 ± 1.47N)

TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

### Materials

KNOB: POM

FRAME: SPCC

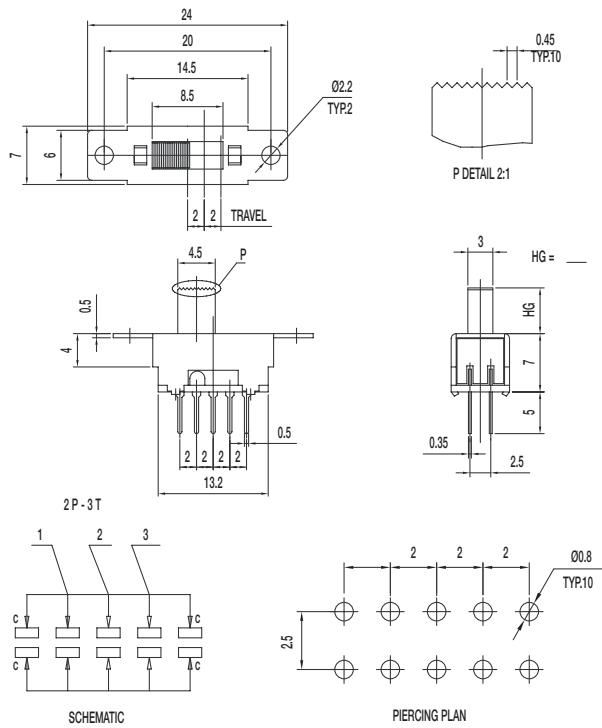
CONTACT: Silver clad

TERMINAL: Silver plated

# SS Series

## Miniature Slide Switches

### SS-23D32-HG NS 2P3T NON-SHORTING



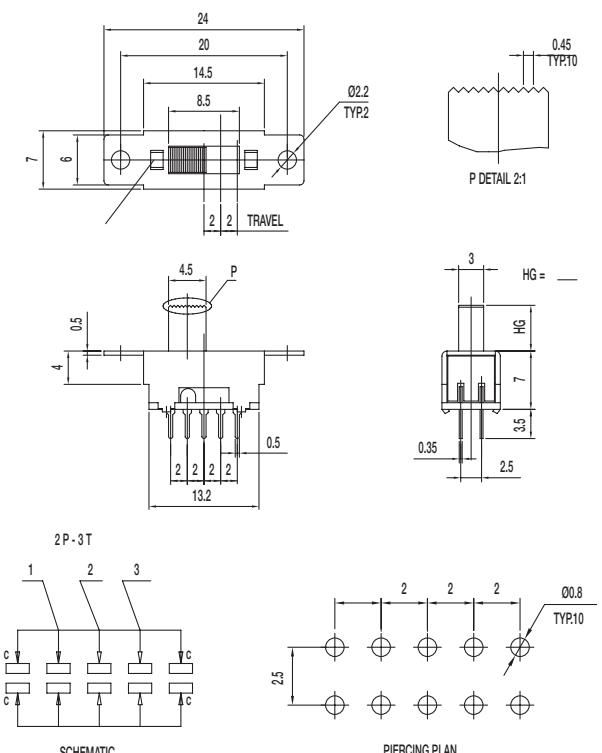
### Specifications

CONTACT RATING: 0.3A @ 30 VDC  
 INITIAL CONTACT RESISTANCE: 30 m ohms max.  
 INSULATION RESISTANCE: 100 M ohms min.  
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
 OPERATING LIFE: 10,000 cycles with load  
 OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)  
 $300 \pm 100$  gf (2.94 ± 0.98N)  
 TRAVEL: 2 ± 0.3 mm  
 OPERATING TEMPERATURE: -20°C to 70°C

### Materials

KNOB: POM  
 FRAME: SPCC  
 CONTACT: Silver clad  
 TERMINAL: Silver plated

### SS-23D33-HG NS 2P3T NON-SHORTING



### Specifications

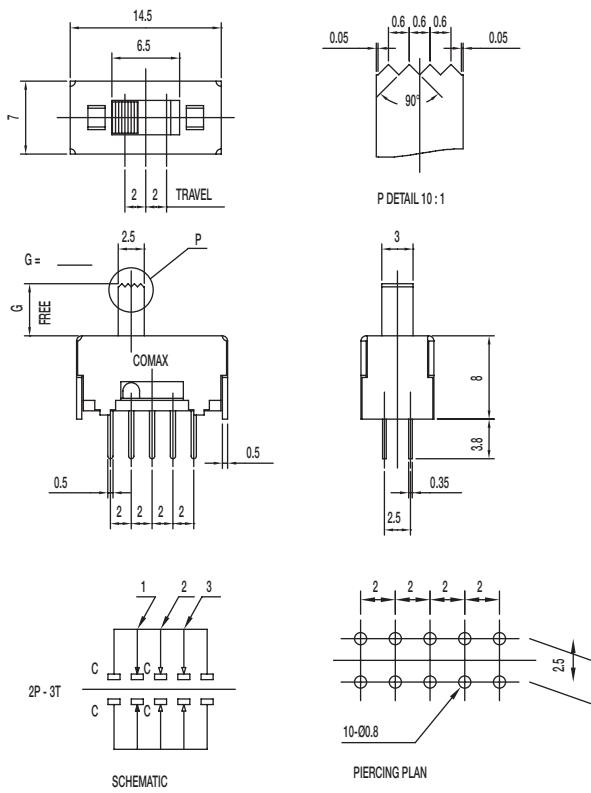
CONTACT RATING: 0.3A @ 30 VDC  
 INITIAL CONTACT RESISTANCE: 30 m ohms max.  
 INSULATION RESISTANCE: 100 M ohms min.  
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
 OPERATING LIFE: 10,000 cycles with load  
 OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)  
 $300 \pm 100$  gf (2.94 ± 0.98N)  
 TRAVEL: 2 ± 0.3 mm  
 OPERATING TEMPERATURE: -20°C to 70°C

### Materials

KNOB: POM  
 FRAME: SPCC  
 CONTACT: Silver clad  
 TERMINAL: Silver plated

# SS Series Miniature Slide Switches

## SS-23D37-G NS 2P3T NON-SHORTING



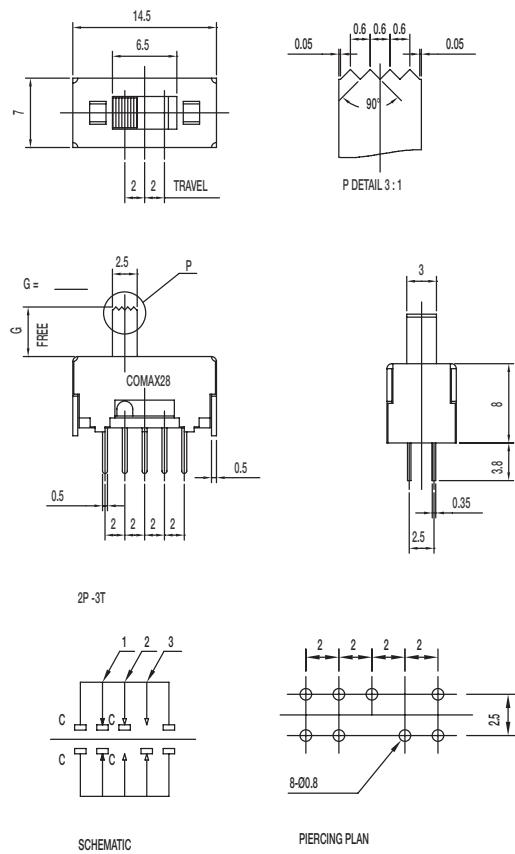
### Specifications

CONTACT RATING: 0.3A @ 30 VDC  
 INITIAL CONTACT RESISTANCE: 30 m ohms max.  
 INSULATION RESISTANCE: 100 M ohms min.  
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
 OPERATING LIFE: 10,000 cycles with load  
 OPERATING FORCE:  $200 \pm 100$  gf ( $1.96 \pm 0.98$  N)  
 TRAVEL:  $2 \pm 0.3$  mm  
 OPERATING TEMPERATURE: -10°C to 60°C

### Materials

KNOB: POM  
 FRAME: SPCC  
 CONTACT: Silver clad  
 TERMINAL: Silver plated

## SS-23D47-G NS 2P3T NON-SHORTING



### Specifications

CONTACT RATING: 0.3A @ 30 VDC  
 INITIAL CONTACT RESISTANCE: 30 m ohms max.  
 INSULATION RESISTANCE: 100 M ohms min.  
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
 OPERATING LIFE: 10,000 cycles with load  
 OPERATING FORCE:  $200 \pm 100$  gf ( $1.96 \pm 0.98$  N)  
 TRAVEL:  $2 \pm 0.3$  mm  
 OPERATING TEMPERATURE: -20°C to 70°C

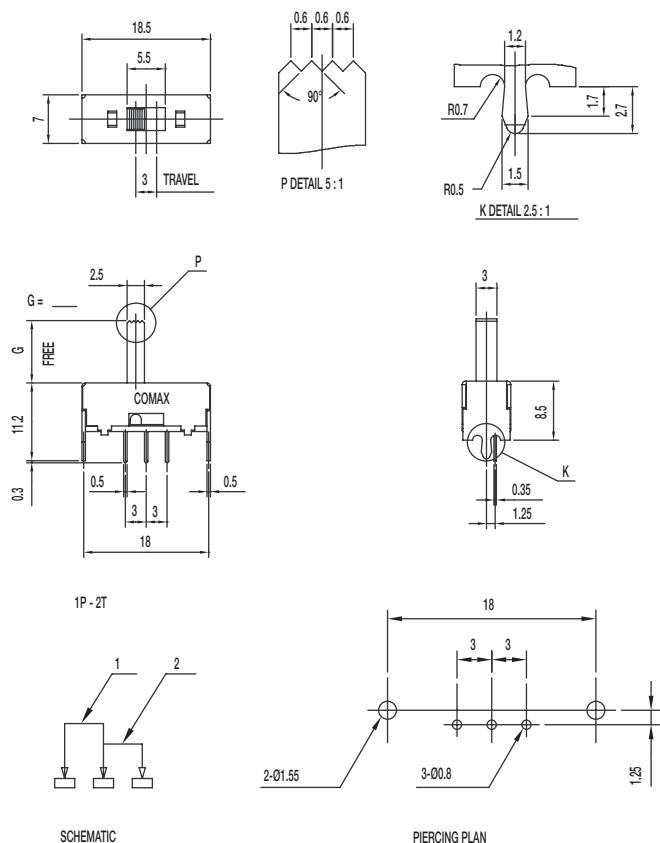
### Materials

KNOB: POM  
 FRAME: SPCC  
 CONTACT: Silver clad  
 TERMINAL: Silver plated

# SS Series

## Miniature Slide Switches

### SS-12F28-G NS 1P2T NON-SHORTING



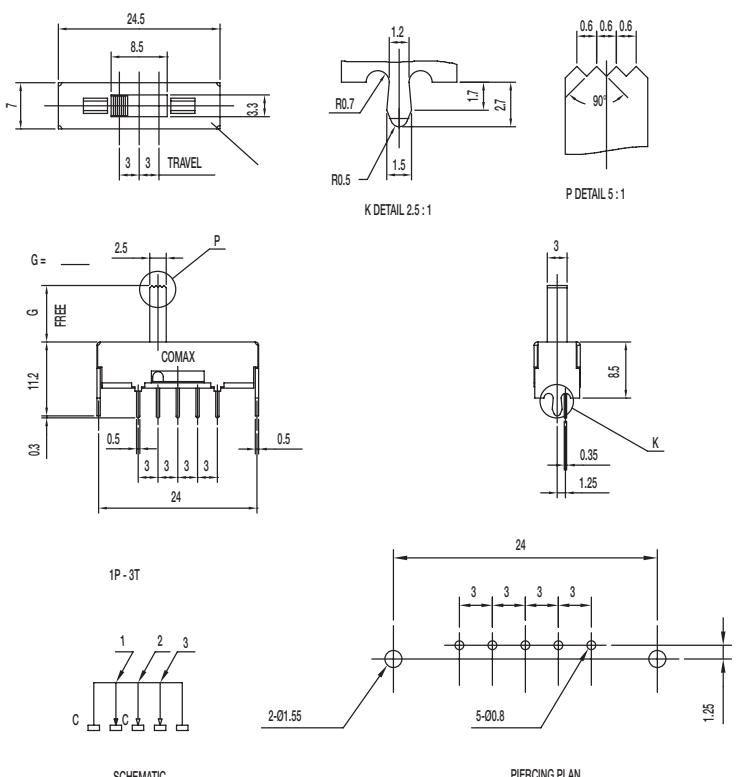
### Specifications

CONTACT RATING: 0.3A @ 30 VDC  
 INITIAL CONTACT RESISTANCE: 30 m ohms max.  
 INSULATION RESISTANCE: 100 M ohms min.  
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
 OPERATING LIFE: 10,000 cycles with load  
 OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)  
 TRAVEL: 3 ± 0.3 mm  
 OPERATING TEMPERATURE: -20°C to 70°C

### Materials

KNOB: POM  
 FRAME: SPCC  
 CONTACT: Silver clad  
 TERMINAL: Silver plated

### SS-13F28-G NS 1P3T NON-SHORTING



### Specifications

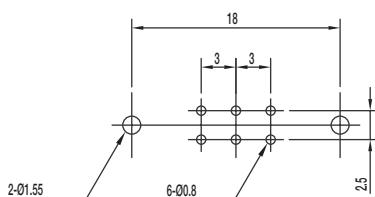
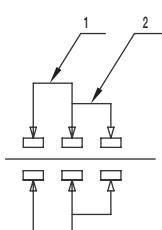
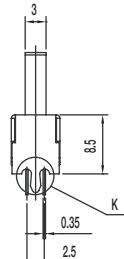
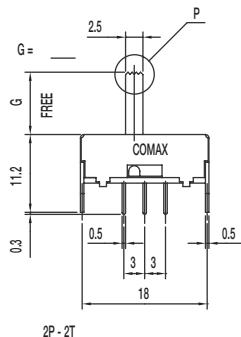
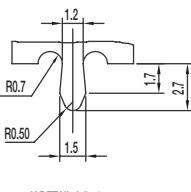
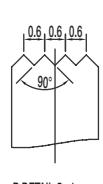
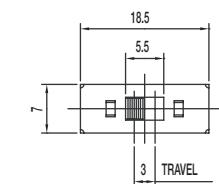
CONTACT RATING: 0.3A @ 30 VDC  
 INITIAL CONTACT RESISTANCE: 30 m ohms max.  
 INSULATION RESISTANCE: 100 M ohms min.  
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
 OPERATING LIFE: 10,000 cycles with load  
 OPERATING FORCE: 180 ± 50 gf (1.76 ± 0.49N)  
 220 ± 100 gf (2.16 ± 0.98N)  
 TRAVEL: 3 ± 0.3 mm  
 OPERATING TEMPERATURE: -20°C to 70°C

### Materials

KNOB: POM  
 FRAME: SPCC  
 CONTACT: Silver clad  
 TERMINAL: Silver plated

# SS Series Miniature Slide Switches

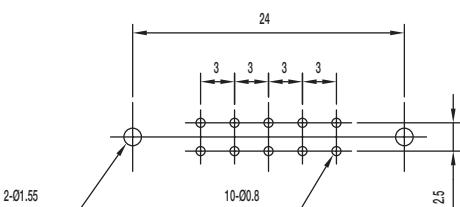
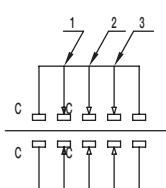
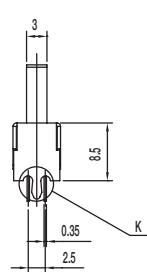
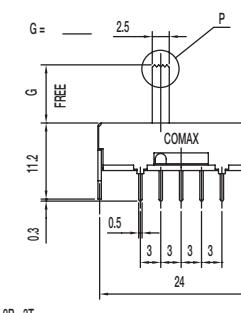
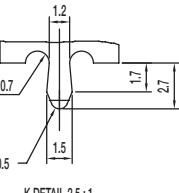
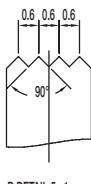
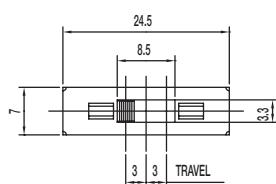
## SS-22F28-G S DPDT SHORTING



SCHEMATIC

PIERCING PLAN

## SS-23F28-G 6 NS 2P3T NON-SHORTING



SCHEMATIC

PIERCING PLAN

## Specifications

CONTACT RATING: 0.3A @ 30 VDC

INITIAL CONTACT RESISTANCE: 30 m ohms max.

INSULATION RESISTANCE: 100 M ohms min.

DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load

OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)

TRAVEL: 3 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

## Materials

KNOB: POM

FRAME: SPCC

CONTACT: Silver clad

TERMINAL: Silver plated

## Specifications

CONTACT RATING: 0.3A @ 30 VDC

INITIAL CONTACT RESISTANCE: 30 m ohms max.

INSULATION RESISTANCE: 100 M ohms min.

DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load

OPERATING FORCE: 180 ± 50 gf (1.76 ± 0.49N) (A->B / C->B)  
220 ± 100 gf (2.16 ± 0.98N) (B->C / B->A)

TRAVEL: 3 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

KNOB LENGTH: 6mm

## Materials

KNOB: POM

FRAME: SPCC

CONTACT: Silver clad

TERMINAL: Silver plated

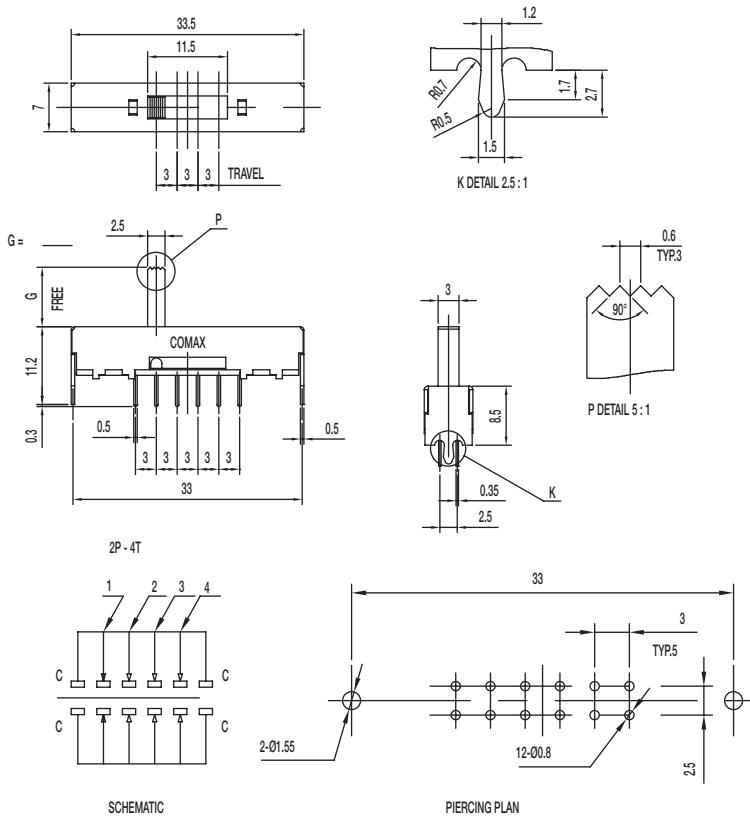
Dimensions are shown: mm

Specifications and dimensions subject to change

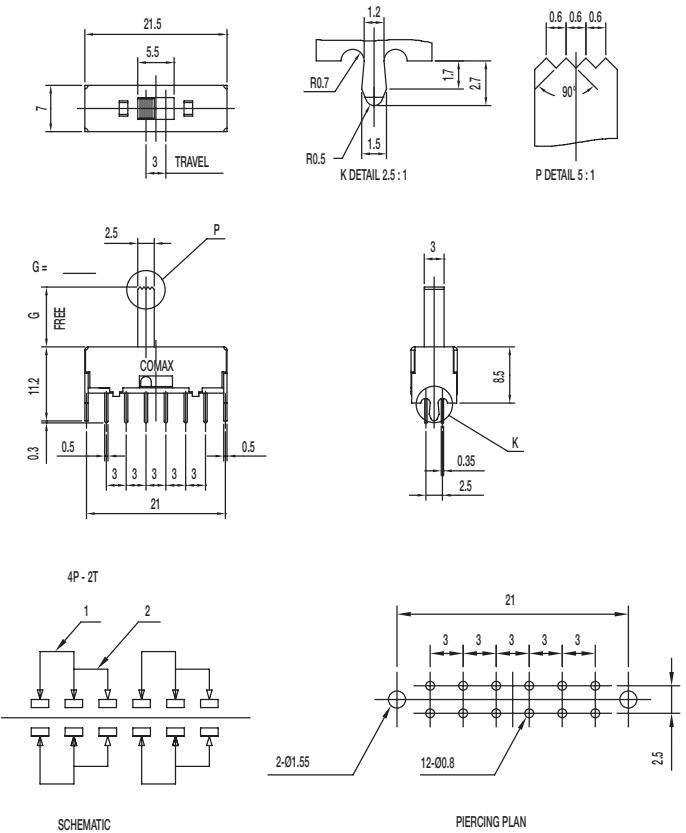
# SS Series

## Miniature Slide Switches

### SS-24F28-G 2P4T NON-SHORTING



### SS-42F28-G NS 4P2T NON-SHORTING



## Specifications

CONTACT RATING: 0.3A @ 30 VDC  
 INITIAL CONTACT RESISTANCE: 30 m ohms max.  
 INSULATION RESISTANCE: 100 M ohms min.  
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
 OPERATING LIFE: 10,000 cycles with load  
 OPERATING FORCE:  $200 \pm 100$  gf ( $1.96 \pm 0.98$  N)  
 $250 \pm 100$  gf ( $2.45 \pm 0.98$  N)  
 TRAVEL:  $3 \pm 0.3$  mm  
 OPERATING TEMPERATURE: -20°C to 70°C

## Materials

KNOB: POM  
 FRAME: SPCC  
 CONTACT: Silver clad  
 TERMINAL: Silver plated

## Specifications

CONTACT RATING: 0.3A @ 30 VDC  
 INITIAL CONTACT RESISTANCE: 30 m ohms max.  
 INSULATION RESISTANCE: 100 M ohms min.  
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
 OPERATING LIFE: 10,000 cycles with load  
 OPERATING FORCE:  $200 \pm 100$  gf ( $1.96 \pm 0.98$  N)  
 TRAVEL:  $3 \pm 0.3$  mm  
 OPERATING TEMPERATURE: -20°C to 70°C

## Materials

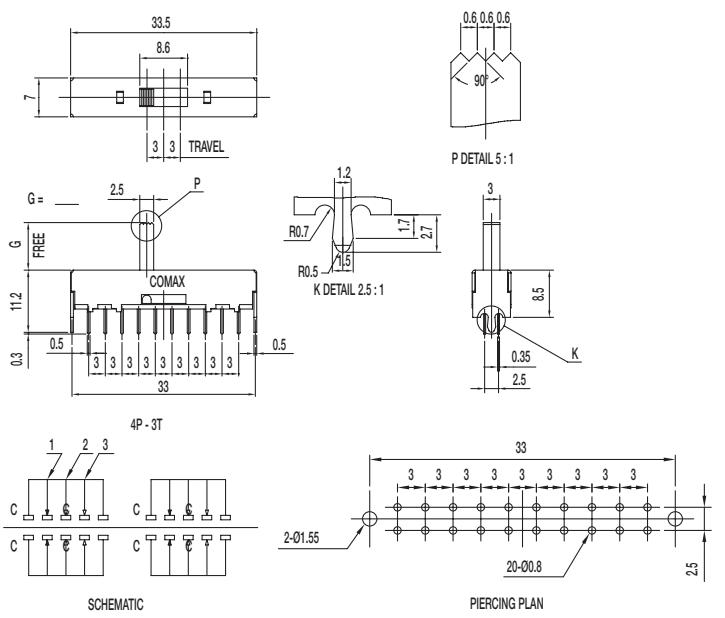
KNOB: POM  
 FRAME: SPCC  
 CONTACT: Silver clad  
 TERMINAL: Silver plated

Dimensions are shown: mm

Specifications and dimensions subject to change

# SS Series Miniature Slide Switches

## SS-43F28-G NS 4P3T NON-SHORTING



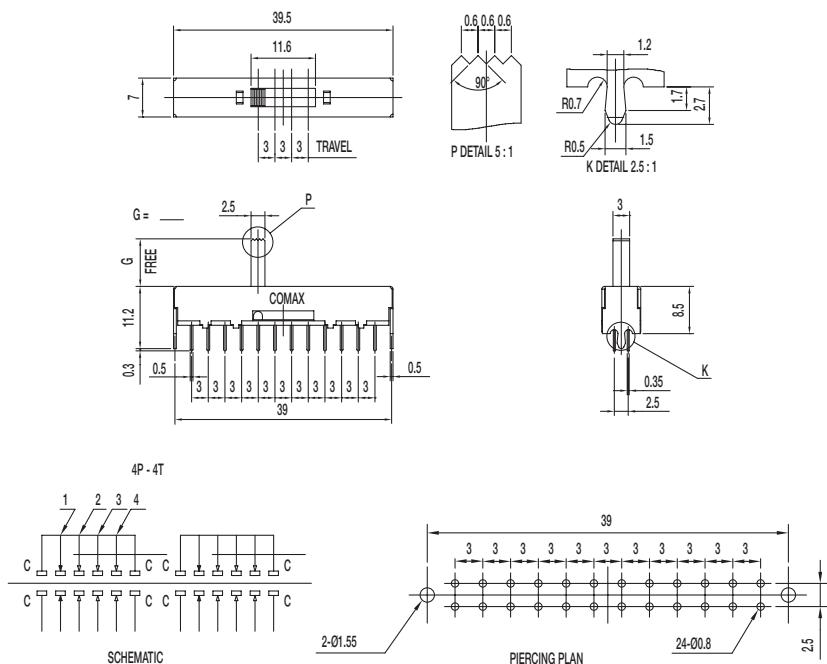
### Specifications

CONTACT RATING: 0.3A @ 30 VDC  
 INITIAL CONTACT RESISTANCE: 30 m ohms max.  
 INSULATION RESISTANCE: 100 M ohms min.  
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
 OPERATING LIFE: 10,000 cycles with load  
 OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)  
     250 ± 100 gf (2.45 ± 0.98N)  
 TRAVEL: 3 ± 0.3 mm  
 OPERATING TEMPERATURE: -20°C to 70°C

### Materials

KNOB: POM  
 FRAME: SPCC  
 CONTACT: Silver clad  
 TERMINAL: Silver plated

## SS-44F28-G NS 4P4T NON-SHORTING



### Specifications

CONTACT RATING: 0.3A @ 30 VDC  
 INITIAL CONTACT RESISTANCE: 30 m ohms max.  
 INSULATION RESISTANCE: 100 M ohms min.  
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
 OPERATING LIFE: 10,000 cycles with load  
 OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)  
     250 ± 100 gf (2.45 ± 0.98N)  
 TRAVEL: 3 ± 0.3 mm  
 OPERATING TEMPERATURE: -20°C to 70°C

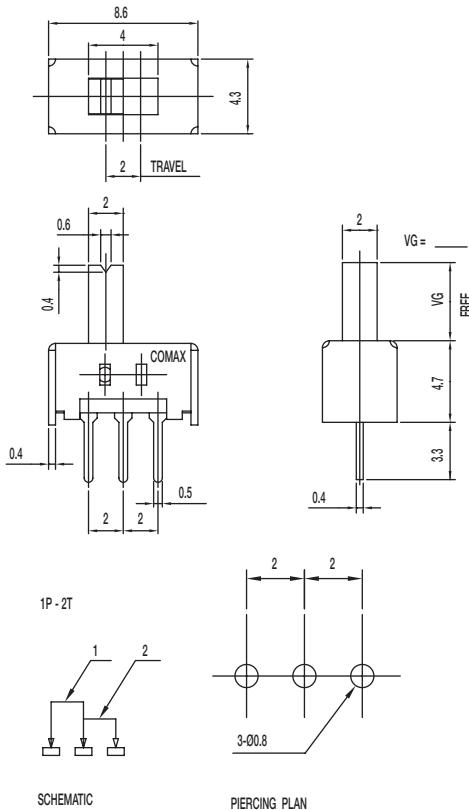
### Materials

KNOB: POM  
 FRAME: SPCC  
 CONTACT: Silver clad  
 TERMINAL: Silver plated

# SS Series

## Miniature Slide Switches

### SS-12D04-VG NS 1P2T NON-SHORTING



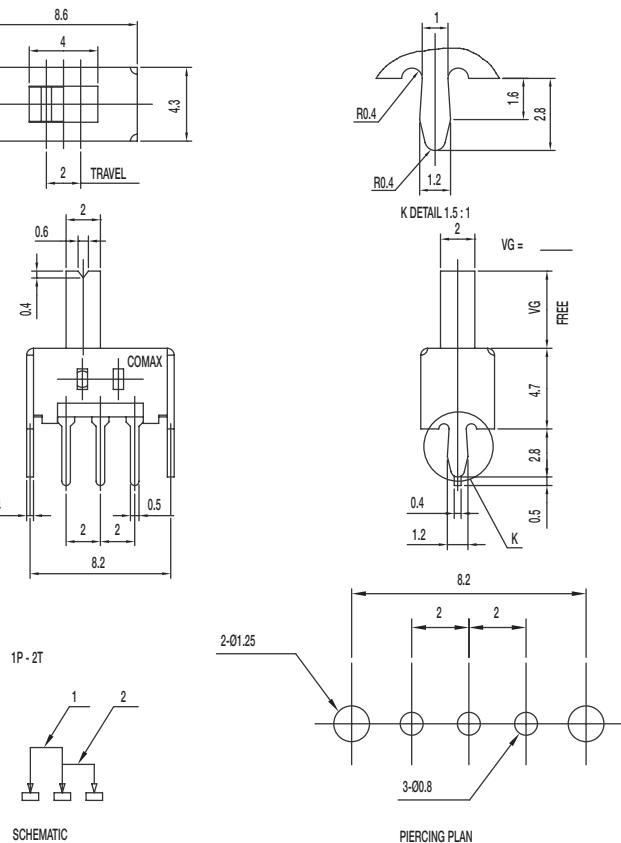
#### Specifications

CONTACT RATING: 0.3A @ 30 VDC  
 INITIAL CONTACT RESISTANCE: 30 m ohms max.  
 INSULATION RESISTANCE: 100 M ohms min.  
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
 OPERATING LIFE: 10,000 cycles with load  
 OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)  
 TRAVEL: 2 ± 0.3 mm  
 OPERATING TEMPERATURE: -20°C to 70°C

#### Materials

KNOB: POM  
 FRAME: SPTE  
 CONTACT: Silver clad  
 TERMINAL: Silver plated

### SS-12D07-G NS 1P2T NON-SHORTING



#### Specifications

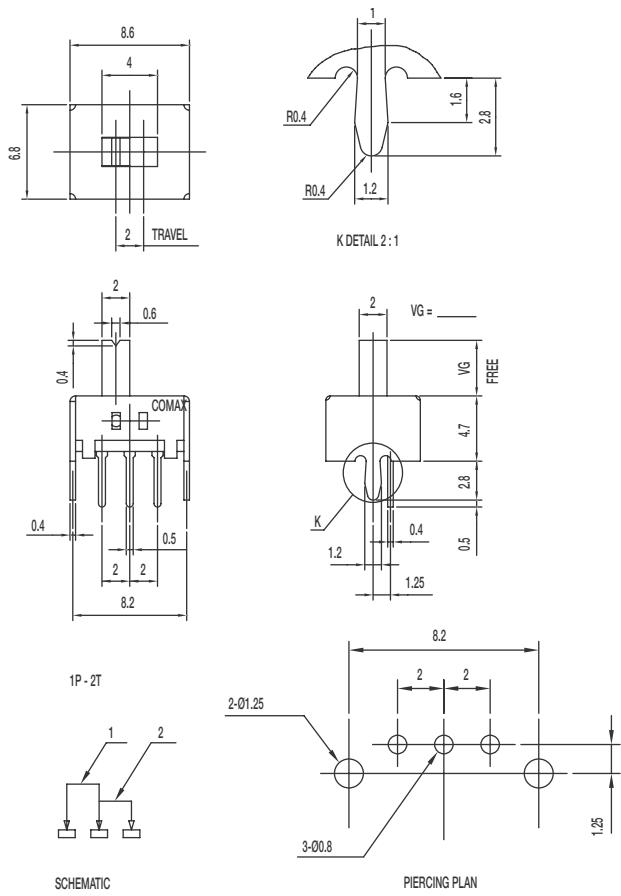
CONTACT RATING: 0.3A @ 30 VDC  
 INITIAL CONTACT RESISTANCE: 30 m ohms max.  
 INSULATION RESISTANCE: 100 M ohms min.  
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
 OPERATING LIFE: 10,000 cycles with load  
 OPERATING FORCE: 250 ± 100 gf (2.45 ± 0.98N)  
 TRAVEL: 2 ± 0.3 mm  
 OPERATING TEMPERATURE: -20°C to 70°C

#### Materials

KNOB: POM  
 FRAME: SPCC  
 CONTACT: Silver clad  
 TERMINAL: Silver plated

# SS Series Miniature Slide Switches

## SS-12D17-VG NS 1P2T NON-SHORTING



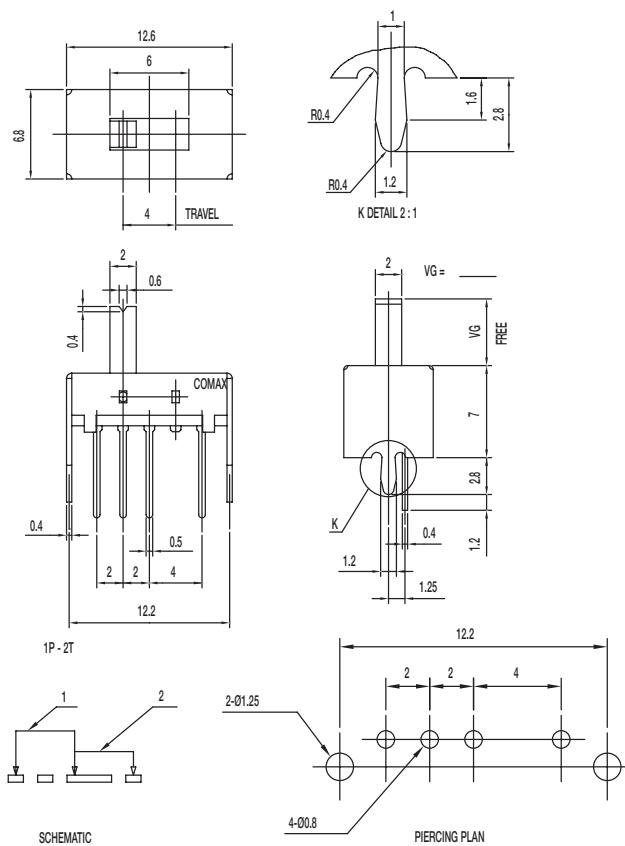
### Specifications

CONTACT RATING: 0.3A @ 30 VDC  
 INITIAL CONTACT RESISTANCE: 30 m ohms max.  
 INSULATION RESISTANCE: 100 M ohms min.  
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
 OPERATING LIFE: 10,000 cycles with load  
 OPERATING FORCE:  $250 \pm 100$  gf ( $2.45 \pm 0.98$ N)  
 TRAVEL:  $2 \pm 0.3$  mm  
 OPERATING TEMPERATURE: -20°C to 70°C

### Materials

KNOB: POM  
 FRAME: SPCC  
 CONTACT: Silver clad  
 TERMINAL: Silver plated

## SS-12H16-VG 1P2T NON-SHORTING



### Specifications

CONTACT RATING: 0.3A @ 30 VDC  
 INITIAL CONTACT RESISTANCE: 30 m ohms max.  
 INSULATION RESISTANCE: 100 M ohms min.  
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
 OPERATING LIFE: 10,000 cycles with load  
 OPERATING FORCE:  $200 \pm 100$  gf ( $1.96 \pm 0.98$ N)  
 TRAVEL:  $4 \pm 0.3$  mm  
 OPERATING TEMPERATURE: -20°C to 70°C

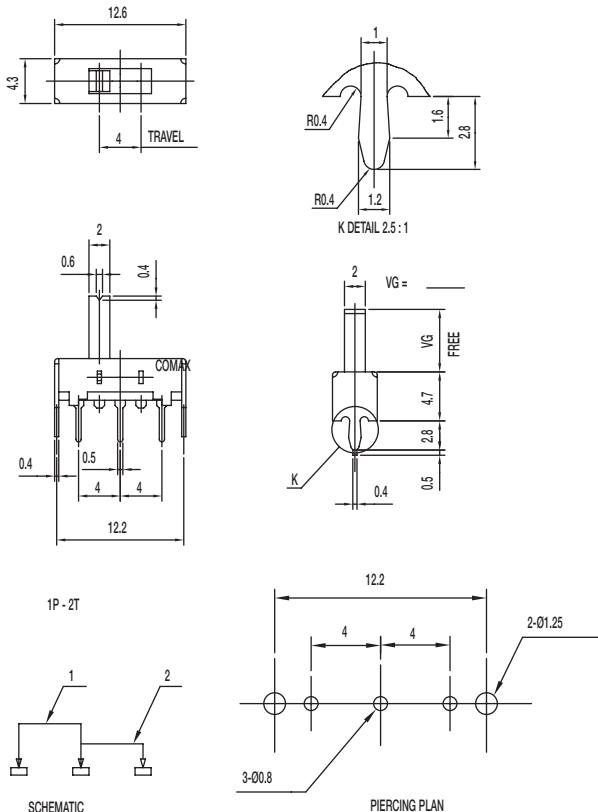
### Materials

KNOB: POM  
 FRAME: SPCC  
 CONTACT: Silver clad  
 TERMINAL: Silver plated

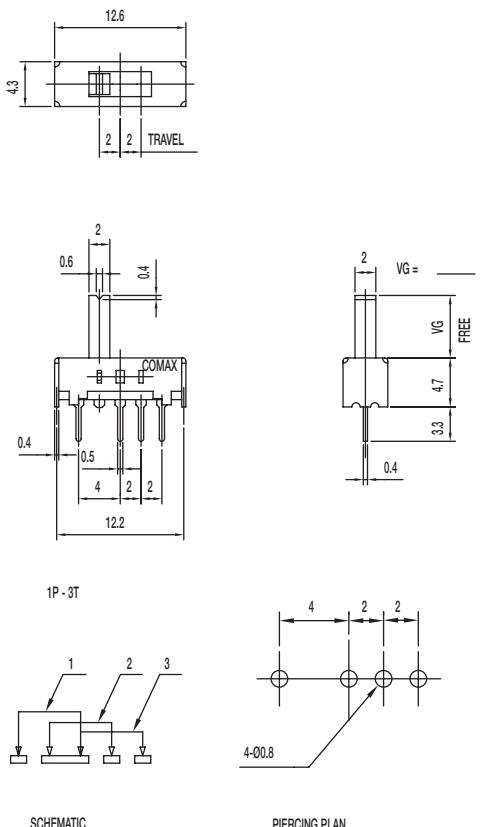
# SS Series

## Miniature Slide Switches

### SS-12H26-VG 1P2T NON-SHORTING



### SS-13D06-VG 1P3T



## Specifications

CONTACT RATING: 0.3A @ 30 VDC

INITIAL CONTACT RESISTANCE: 30 m ohms max.

INSULATION RESISTANCE: 100 M ohms min.

DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load

OPERATING FORCE:  $150 \pm 100$  gf ( $1.47 \pm 0.98$ N)

TRAVEL:  $2 \pm 0.3$  mm

OPERATING TEMPERATURE: -20°C to 70°C

## Materials

KNOB: POM

FRAME: SPCC

CONTACT: Silver clad

TERMINAL: Silver plated

## Specifications

CONTACT RATING: 0.3A @ 30 VDC

INITIAL CONTACT RESISTANCE: 30 m ohms max.

INSULATION RESISTANCE: 100 M ohms min.

DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load

OPERATING FORCE:  $200 \pm 100$  gf ( $1.96 \pm 0.98$ N)

$250 \pm 100$  gf ( $2.45 \pm 0.98$ N)

TRAVEL:  $2 \pm 0.3$  mm

OPERATING TEMPERATURE: -20°C to 70°C

## Materials

KNOB: POM

FRAME: SPCC

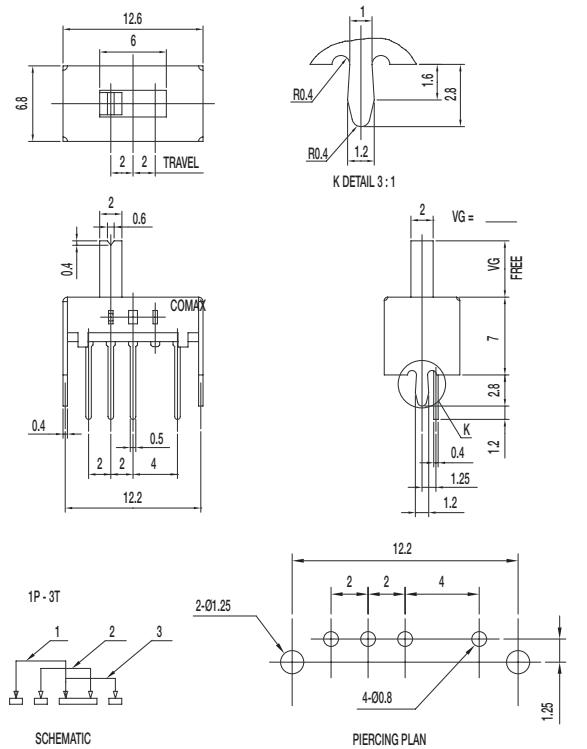
CONTACT: Silver clad

TERMINAL: Silver plated

Dimensions are shown: mm  
Specifications and dimensions subject to change

# SS Series Miniature Slide Switches

## SS-13D08-VG 1P3T



### Specifications

CONTACT RATING: 0.3A @ 30 VDC

INITIAL CONTACT RESISTANCE: 30 m ohms max.

INSULATION RESISTANCE: 100 M ohms min.

DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load

OPERATING FORCE:  $150 \pm 50$  gf ( $1.47 \pm 0.49$ N)

$200 \pm 100$  gf ( $1.96 \pm 0.98$ N)

TRAVEL:  $2 \pm 0.3$  mm

OPERATING TEMPERATURE: -20°C to 70°C

### Materials

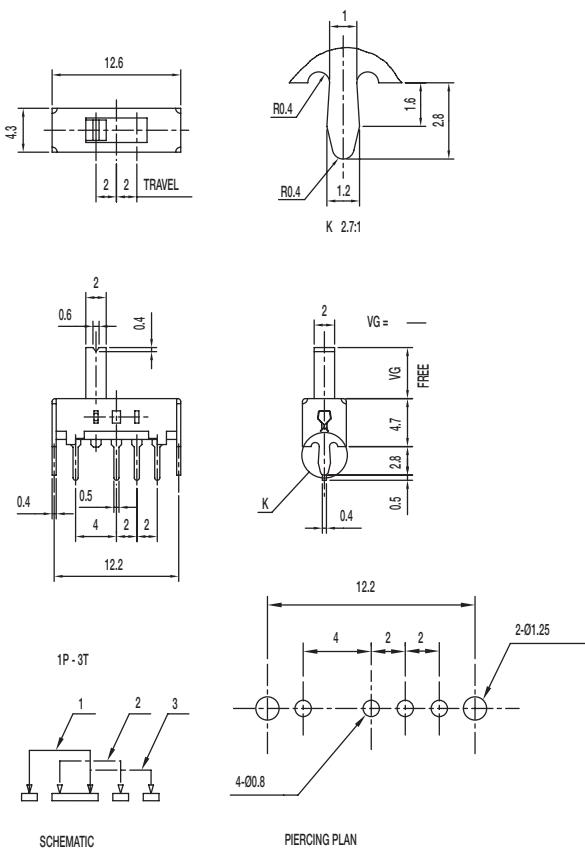
KNOB: POM

FRAME: SPCC

CONTACT: Silver clad

TERMINAL: Silver plated

## SS-13D16-VG 1P3T



### Specifications

CONTACT RATING: 0.3A @ 30 VDC

INITIAL CONTACT RESISTANCE: 30 m ohms max.

INSULATION RESISTANCE: 100 M ohms min.

DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load

OPERATING FORCE:  $200 \pm 100$  gf ( $1.96 \pm 0.98$ N)

$250 \pm 100$  gf ( $2.45 \pm 0.98$ N)

TRAVEL:  $2 \pm 0.3$  mm

OPERATING TEMPERATURE: -20°C to 70°C

### Materials

KNOB: POM

FRAME: SPCC

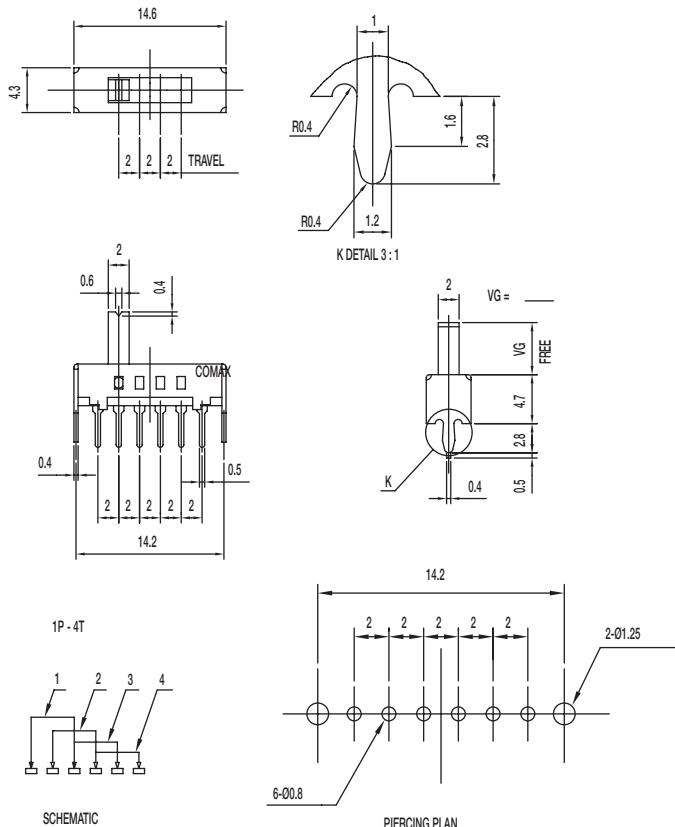
CONTACT: Silver clad

TERMINAL: Silver plated

# SS Series

## Miniature Slide Switches

### SS-14D01-VG 1P4T



### Specifications

CONTACT RATING: 0.3A @ 30 VDC

INITIAL CONTACT RESISTANCE: 30 m ohms max.

INSULATION RESISTANCE: 100 M ohms min.

DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load

OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)

TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

### Materials

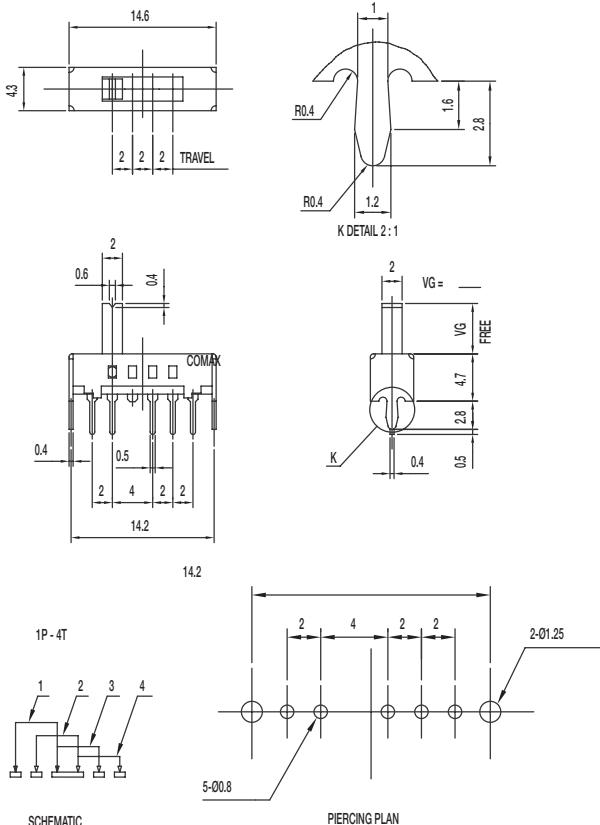
KNOB: POM

FRAME: SPCC

CONTACT: Silver clad

TERMINAL: Silver plated

### SS-14D07-VG 1P4T



### Specifications

CONTACT RATING: 0.3A @ 30 VDC

INITIAL CONTACT RESISTANCE: 30 m ohms max.

INSULATION RESISTANCE: 100 M ohms min.

DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load

OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)

TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

### Materials

KNOB: POM

FRAME: SPCC

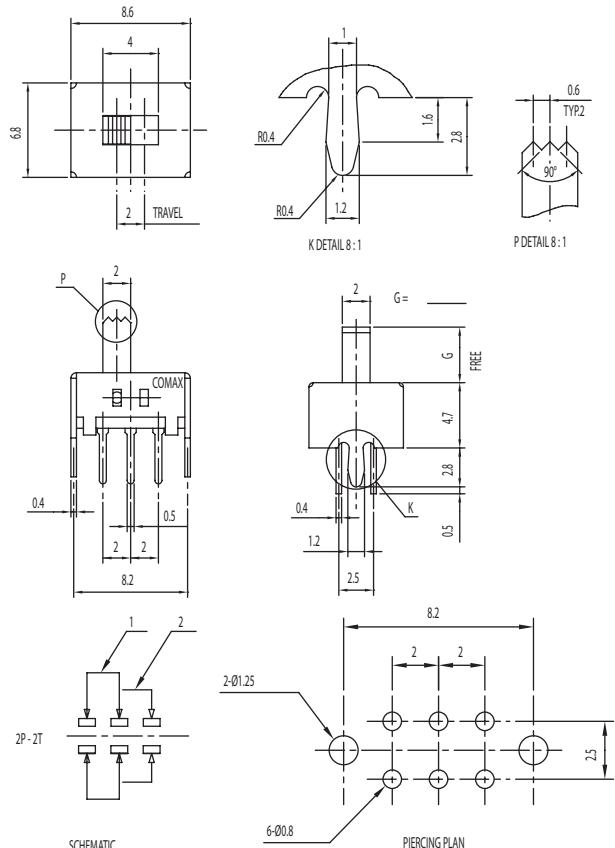
CONTACT: Silver clad

TERMINAL: Silver plated

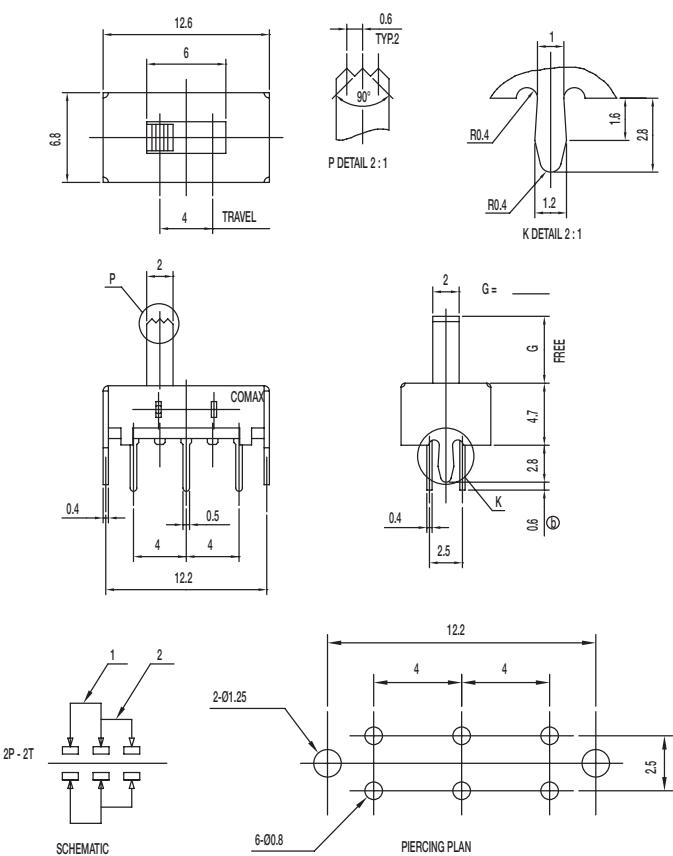
Dimensions are shown: mm  
Specifications and dimensions subject to change

# SS Series Miniature Slide Switches

## SS-22D07-VG S DPDT SHORTING



## SS-22H08-G DPDT NON-SHORTING



### Specifications

CONTACT RATING: 0.3A @ 30 VDC  
INITIAL CONTACT RESISTANCE: 30 m ohms max.  
INSULATION RESISTANCE: 100 M ohms min.  
DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
OPERATING LIFE: 10,000 cycles with load  
OPERATING FORCE: 250 ± 100 gf (2.45 ± 0.98N)  
TRAVEL: 2 ± 0.3 mm  
OPERATING TEMPERATURE: -20°C to 70°C

### Materials

KNOB: POM  
FRAME: SPCC  
CONTACT: Silver clad  
TERMINAL: Silver plated

### Specifications

CONTACT RATING: 0.3A @ 30 VDC  
INITIAL CONTACT RESISTANCE: 30 m ohms max.  
INSULATION RESISTANCE: 100 M ohms min.  
DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
OPERATING LIFE: 10,000 cycles with load  
OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)  
TRAVEL: 4 ± 0.3 mm  
OPERATING TEMPERATURE: -20°C to 70°C

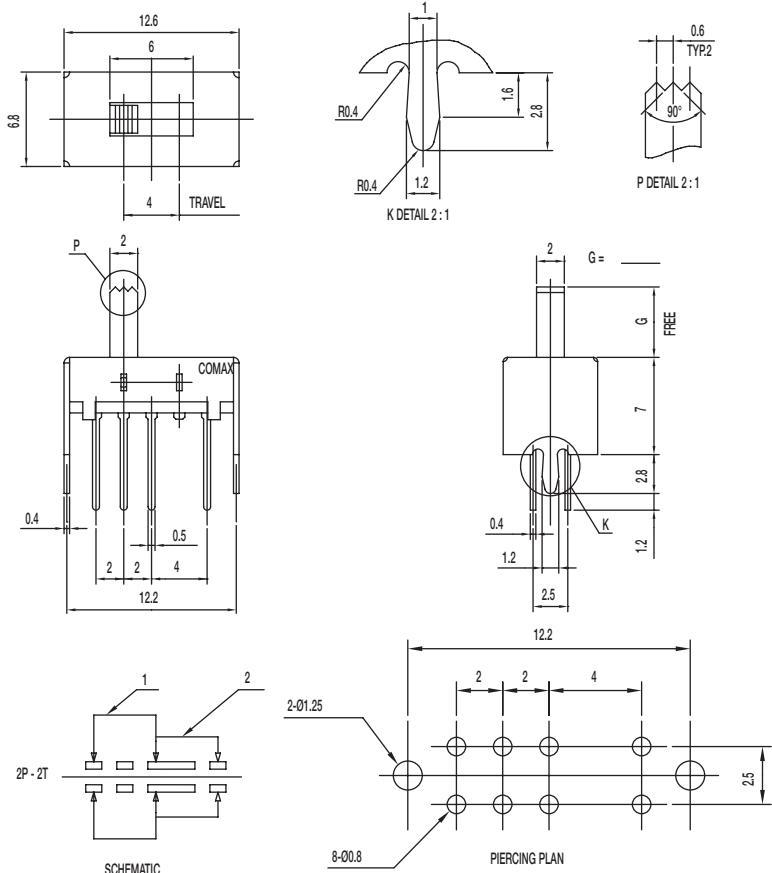
### Materials

KNOB: POM  
FRAME: SPCC  
CONTACT: Silver clad  
TERMINAL: Silver plated

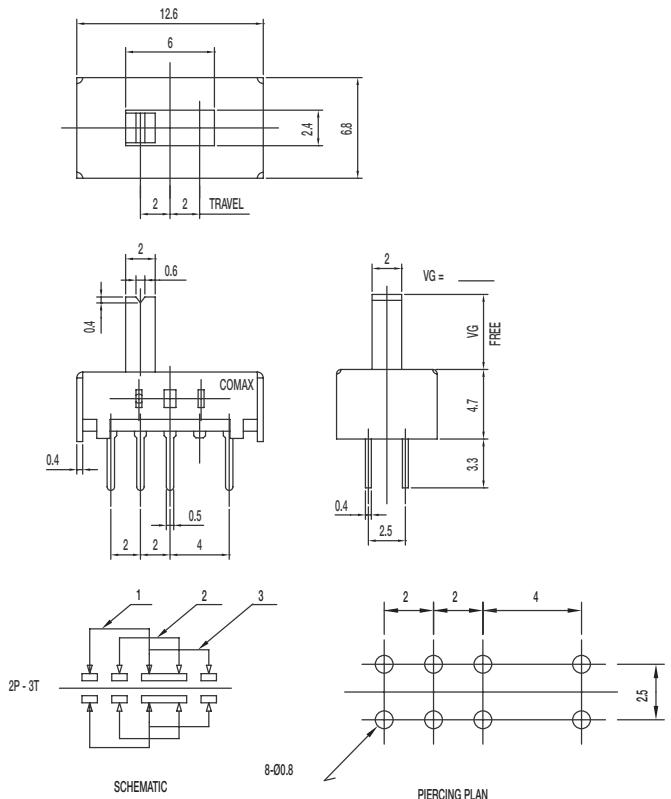
# SS Series

## Miniature Slide Switches

### SS-22H16-G DPDT NON-SHORTING



### SS-23D04-VG 2P3T NON-SHORTING



## Specifications

CONTACT RATING: 0.3A @ 30 VDC  
 INITIAL CONTACT RESISTANCE: 30 m ohms max.  
 INSULATION RESISTANCE: 100 M ohms min.  
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
 OPERATING LIFE: 10,000 cycles with load  
 OPERATING FORCE: 200  $\pm$  100 gf (1.96  $\pm$  0.98N)  
 TRAVEL: 4  $\pm$  0.3 mm  
 OPERATING TEMPERATURE: -20°C to 70°C

## Materials

KNOB: POM  
 FRAME: SPCC  
 CONTACT: Silver clad  
 TERMINAL: Silver plated

## Specifications

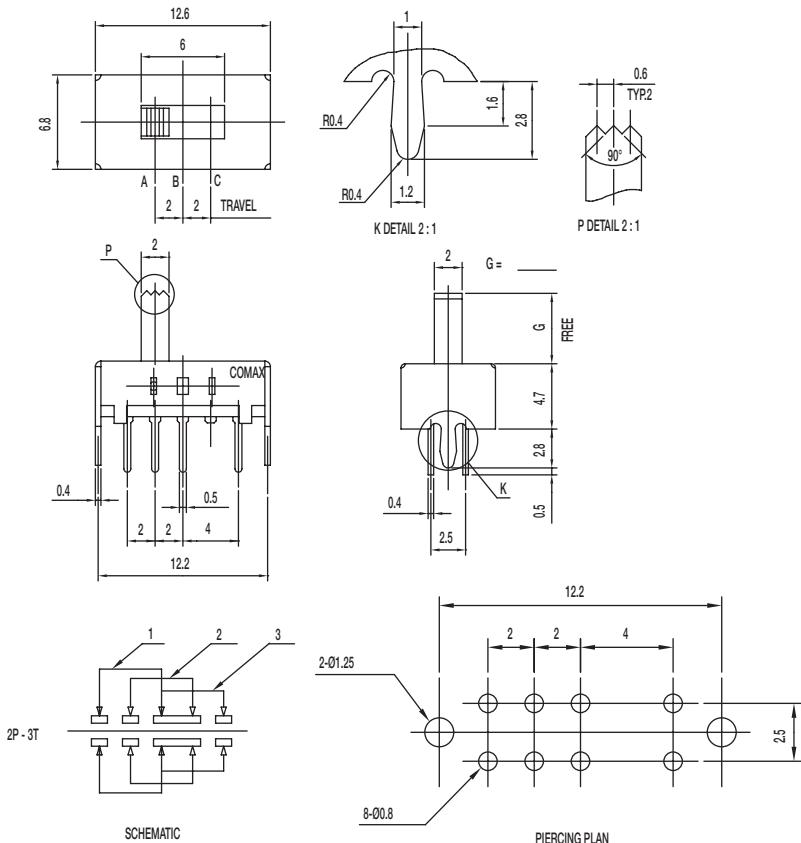
CONTACT RATING: 0.3A @ 30 VDC  
 INITIAL CONTACT RESISTANCE: 30 m ohms max.  
 INSULATION RESISTANCE: 100 M ohms min.  
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
 OPERATING LIFE: 10,000 cycles with load  
 OPERATING FORCE: 150  $\pm$  50 gf (1.47  $\pm$  0.49N)  
 200  $\pm$  100 gf (1.96  $\pm$  0.98N)  
 TRAVEL: 2  $\pm$  0.3 mm  
 OPERATING TEMPERATURE: -20°C to 70°C

## Materials

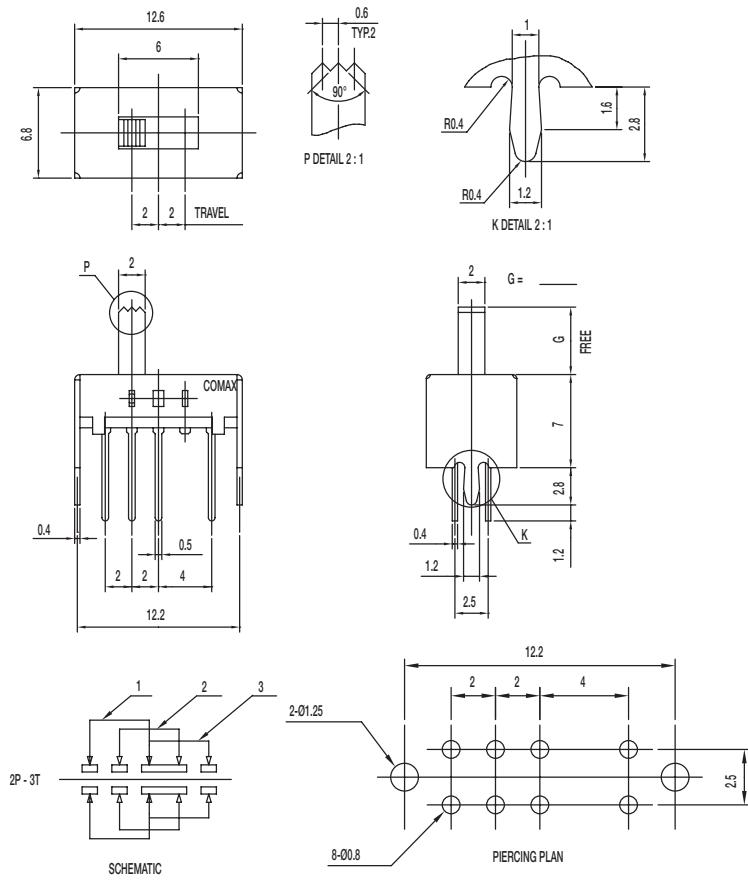
KNOB: POM  
 FRAME: SPCC  
 CONTACT: Silver clad  
 TERMINAL: Silver plated

# SS Series Miniature Slide Switches

## SS-23D07-G PA 2P3T NON-SHORTING



## SS-23D08-G 2P3T



### Specifications

CONTACT RATING: 0.3A @ 30 VDC  
 INITIAL CONTACT RESISTANCE: 30 m ohms max.  
 INSULATION RESISTANCE: 100 M ohms min.  
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
 OPERATING LIFE: 10,000 cycles with load  
 OPERATING FORCE:  $250 \pm 150$  gf ( $2.45 \pm 1.47$  N)  
 $300 \pm 150$  gf ( $2.94 \pm 1.47$  N)  
 TRAVEL:  $2 \pm 0.3$  mm  
 OPERATING TEMPERATURE: -20°C to 80°C

### Materials

KNOB: PA  
 FRAME: SPCC  
 CONTACT: Silver clad  
 TERMINAL: Silver plated

### Specifications

CONTACT RATING: 0.3A @ 30 VDC  
 INITIAL CONTACT RESISTANCE: 30 m ohms max.  
 INSULATION RESISTANCE: 100 M ohms min.  
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
 OPERATING LIFE: 10,000 cycles with load  
 OPERATING FORCE:  $150 \pm 50$  gf ( $1.47 \pm 0.49$  N)  
 $200 \pm 100$  gf ( $1.96 \pm 0.98$  N)  
 TRAVEL:  $2 \pm 0.3$  mm  
 OPERATING TEMPERATURE: -20°C to 70°C

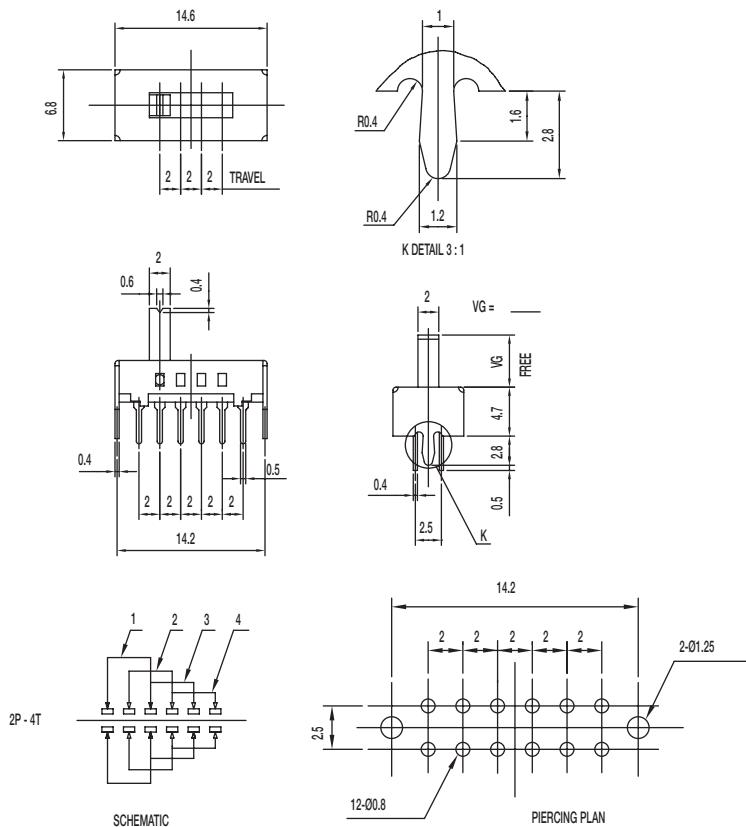
### Materials

KNOB: POM  
 FRAME: SPCC  
 CONTACT: Silver clad  
 TERMINAL: Silver plated

# SS Series

## Miniature Slide Switches

### SS-24D02-VG 2P4T



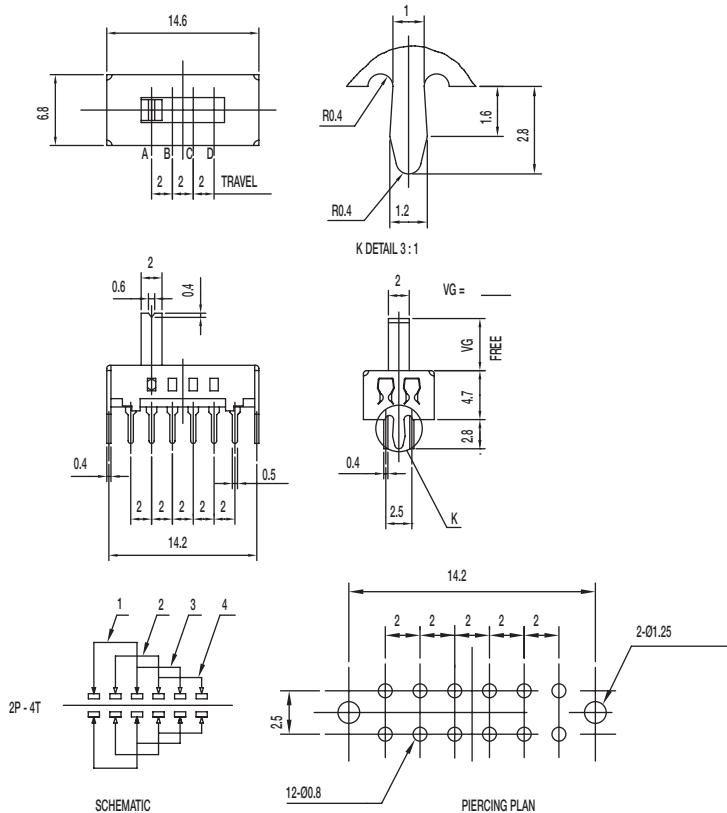
### Specifications

CONTACT RATING: 0.3A @ 30 VDC  
 INITIAL CONTACT RESISTANCE: 30 m ohms max.  
 INSULATION RESISTANCE: 100 M ohms min.  
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
 OPERATING LIFE: 10,000 cycles with load  
 OPERATING FORCE: 250 ± 100 gf (2.45 ± 0.98N)  
 TRAVEL: 2 ± 0.3 mm  
 OPERATING TEMPERATURE: -20°C to 70°C

### Materials

KNOB: POM  
 FRAME: SPCC  
 CONTACT: Silver clad  
 TERMINAL: Silver plated

### SS-24D04-VG PA 2P4T



### Specifications

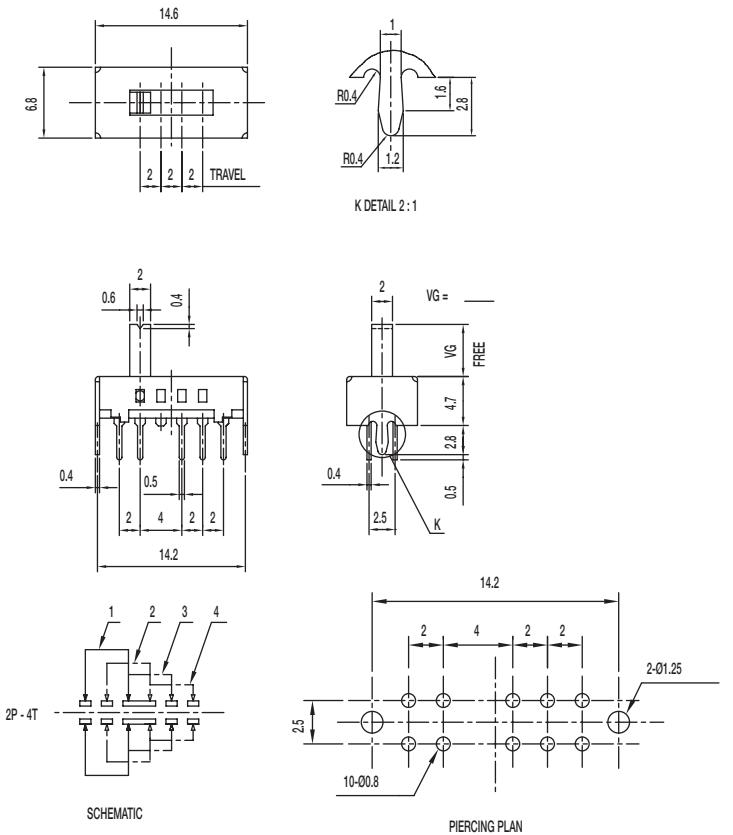
CONTACT RATING: 0.3A @ 30 VDC  
 INITIAL CONTACT RESISTANCE: 30 m ohms max.  
 INSULATION RESISTANCE: 100 M ohms min.  
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
 OPERATING LIFE: 10,000 cycles with load  
 OPERATING FORCE: 250 ± 100 gf (2.45 ± 0.98N)  
 TRAVEL: 2 ± 0.3 mm  
 OPERATING TEMPERATURE: -20°C to 70°C

### Materials

KNOB: PA  
 FRAME: SPCC  
 CONTACT: Silver clad  
 TERMINAL: Silver plated

# SS Series Miniature Slide Switches

## SS-24D07-VG PA 2P4T



### Specifications

CONTACT RATING: 0.3A @ 30 VDC

INITIAL CONTACT RESISTANCE: 30 m ohms max.

INSULATION RESISTANCE: 100 M ohms min.

DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load

OPERATING FORCE: 250 ± 100 gf (2.45 ± 0.98N)

TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

### Materials

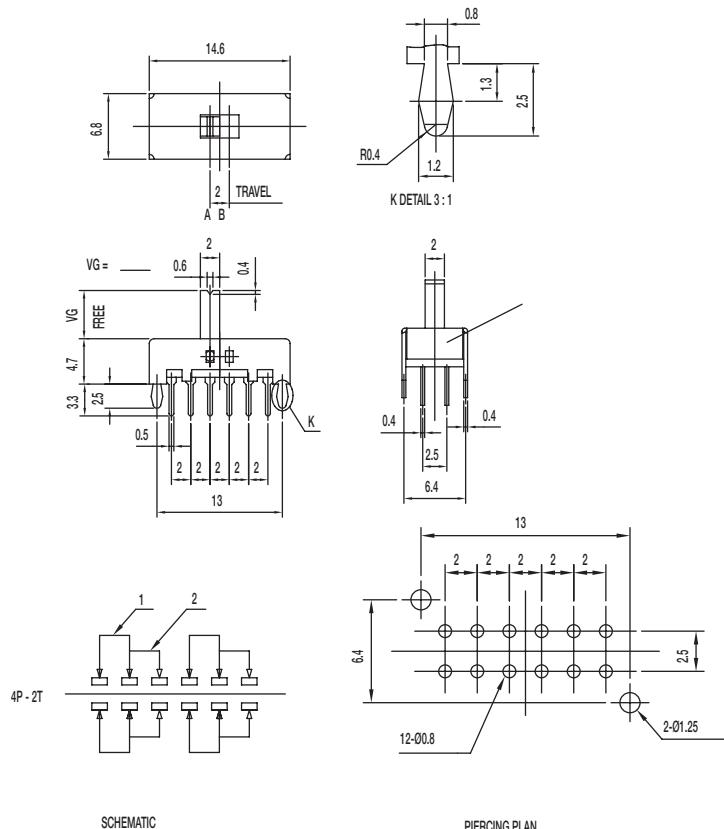
KNOB: PA

FRAME: SPCC

CONTACT: Silver clad

TERMINAL: Silver plated

## SS-42D07-VG NS 4P2T NON-SHORTING



### Specifications

CONTACT RATING: 0.3A @ 30 VDC

INITIAL CONTACT RESISTANCE: 30 m ohms max.

INSULATION RESISTANCE: 100 M ohms min.

DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load

OPERATING FORCE: 250 ± 100 gf (2.45 ± 0.98N)

TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

### Materials

KNOB: POM

FRAME: SPCC

CONTACT: Silver clad

TERMINAL: Silver plated

SCHEMATIC

**C&K**

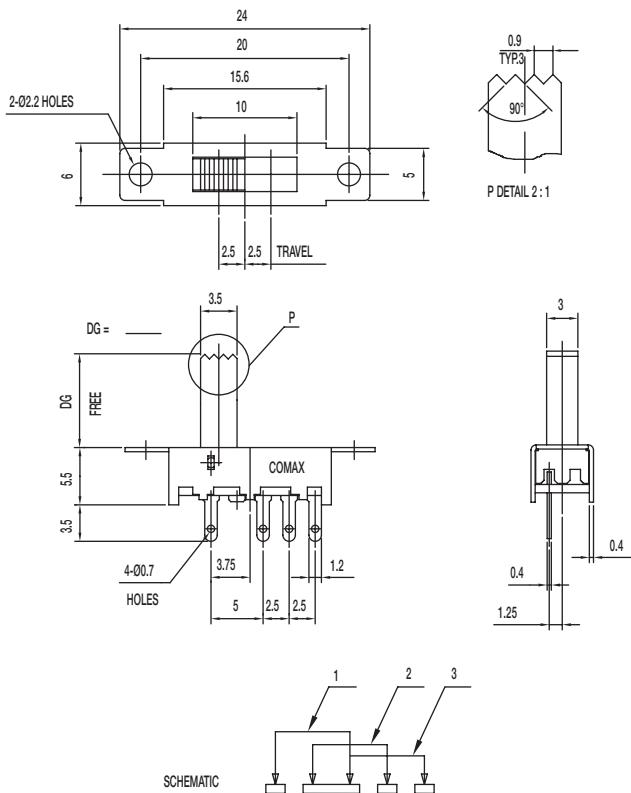
PIERCING PLAN

Dimensions are shown: mm  
Specifications and dimensions subject to change

# SS Series

## Miniature Slide Switches

### SS-13E08-DG 1P3T



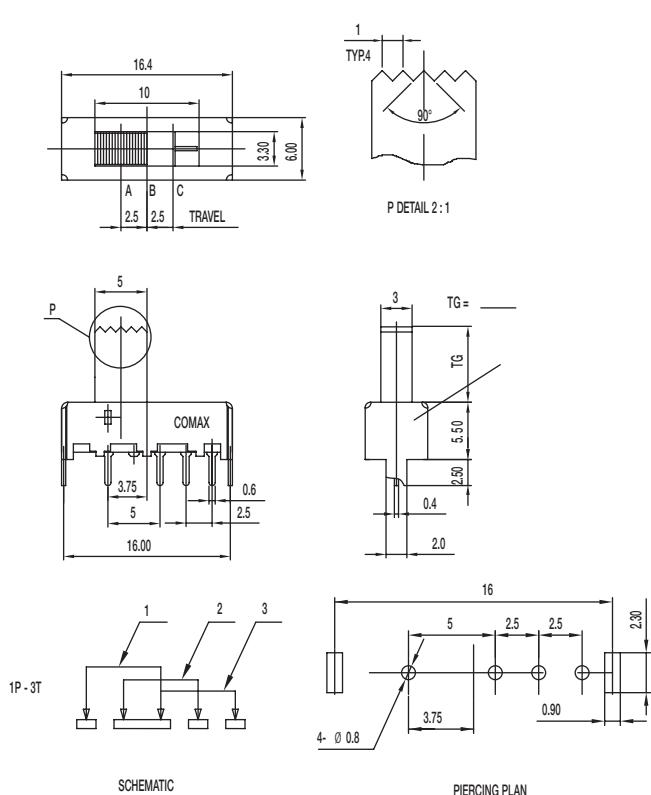
### Specifications

CONTACT RATING: 0.3A @ 30 VDC  
 INITIAL CONTACT RESISTANCE: 30 m ohms max.  
 INSULATION RESISTANCE: 100 M ohms min.  
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
 OPERATING LIFE: 10,000 cycles with load  
 OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)  
 $250 \pm 100$  gf (2.45 ± 0.98N)  
 TRAVEL: 2.5 ± 0.3 mm  
 OPERATING TEMPERATURE: -20°C to 70°C

### Materials

KNOB: POM  
 FRAME: SPCC  
 CONTACT: Silver clad  
 TERMINAL: Silver plated

### SS-13E29-TG 1P3T



### Specifications

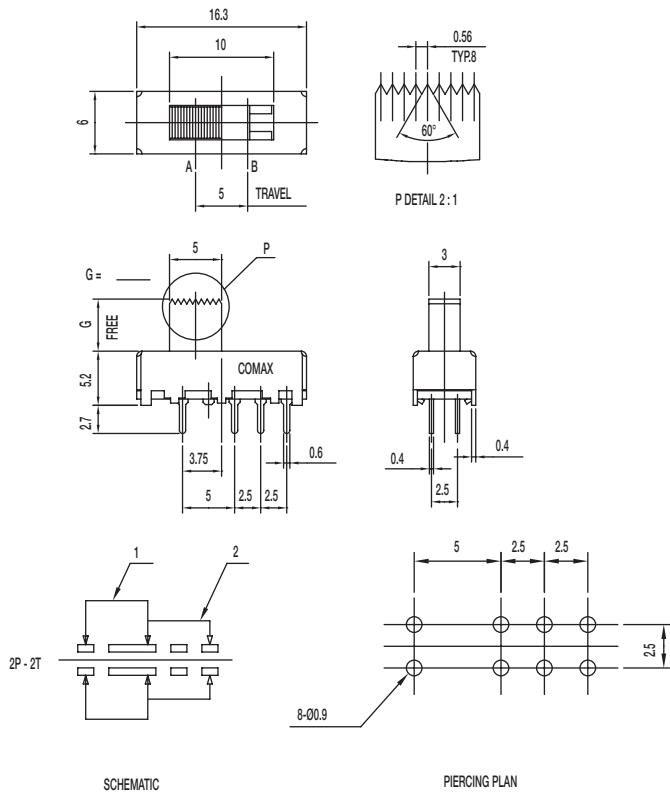
CONTACT RATING: 0.3A @ 30 VDC  
 INITIAL CONTACT RESISTANCE: 30 m ohms max.  
 INSULATION RESISTANCE: 100 M ohms min.  
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
 OPERATING LIFE: 10,000 cycles with load  
 OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)  
 $250 \pm 100$  gf (2.45 ± 0.98N)  
 TRAVEL: 2.5 ± 0.3 mm  
 OPERATING TEMPERATURE: -20°C to 70°C

### Materials

KNOB: POM  
 FRAME: SPCC  
 CONTACT: Silver clad  
 TERMINAL: Silver plated

# SS Series Miniature Slide Switches

## SS-22J08-G DPDT NON-SHORTING



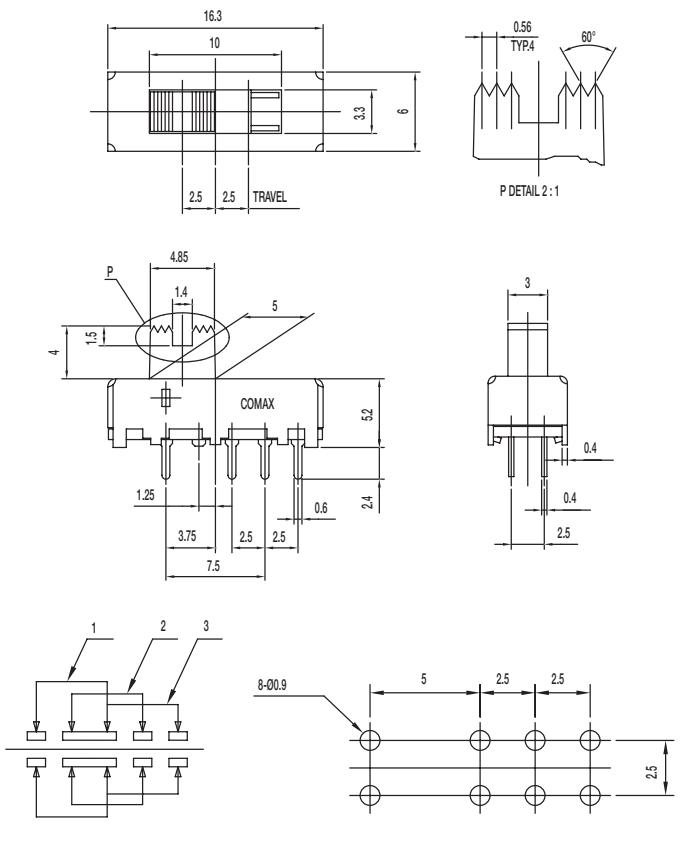
### Specifications

CONTACT RATING: 0.3A @ 30 VDC  
INITIAL CONTACT RESISTANCE: 30 m ohms max.  
INSULATION RESISTANCE: 100 M ohms min.  
DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
OPERATING LIFE: 10,000 cycles with load  
OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)  
TRAVEL: 5 ± 0.3 mm  
OPERATING TEMPERATURE: -20°C to 70°C

### Materials

KNOB: POM  
FRAME: SPCC  
CONTACT: Silver clad  
TERMINAL: Silver plated

## SS-23E05-G 4 2P3T



### Specifications

CONTACT RATING: 0.3A @ 30 VDC  
INITIAL CONTACT RESISTANCE: 30 m ohms max.  
INSULATION RESISTANCE: 100 M ohms min.  
DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
OPERATING LIFE: 10,000 cycles with load  
OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)  
TRAVEL: 2.5 ± 0.3 mm  
OPERATING TEMPERATURE: -20°C to 70°C

### Materials

KNOB: POM  
FRAME: SPCC  
CONTACT: Silver clad  
TERMINAL: Silver plated

SCHEMATIC

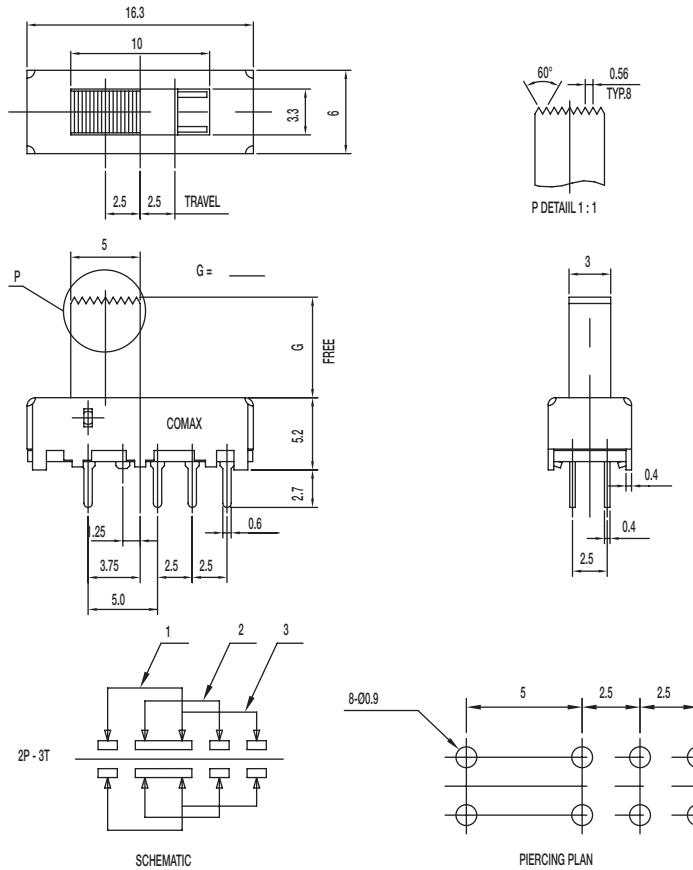
**C&K**

Dimensions are shown: mm  
Specifications and dimensions subject to change

# SS Series

## Miniature Slide Switches

SS-23E06-G 2P3T



### Specifications

CONTACT RATING: 0.3A @ 30 VDC

INITIAL CONTACT RESISTANCE: 30 m ohms max.

INSULATION RESISTANCE: 100 M ohms min.

DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load

OPERATING FORCE:  $200 \pm 100$  gf ( $1.96 \pm 0.98$ N)  
 $250 \pm 100$  gf ( $2.45 \pm 0.98$ N)

TRAVEL:  $2.5 \pm 0.3$  mm

OPERATING TEMPERATURE: -20°C to 70°C

### Materials

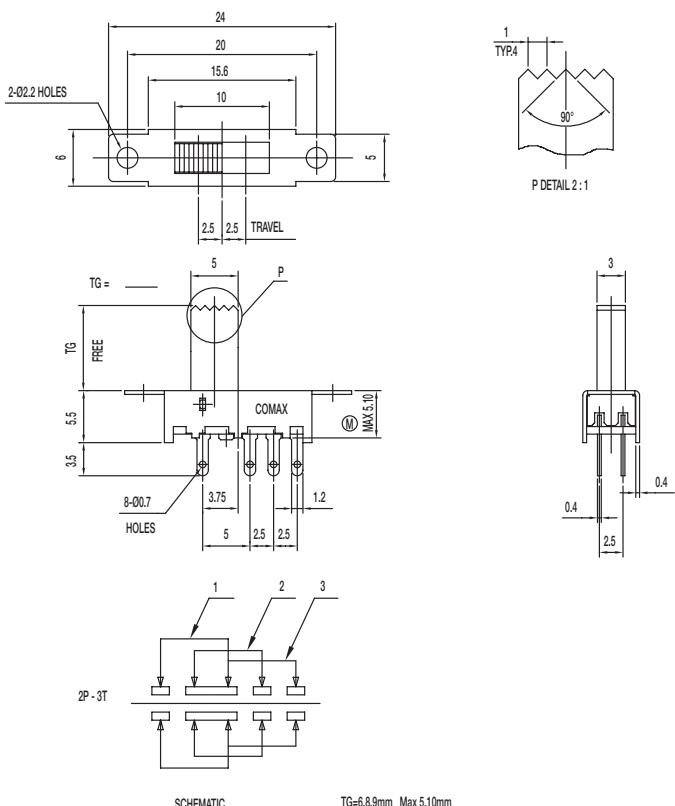
KNOB: POM

FRAME: SPCC

CONTACT: Silver clad

TERMINAL: Silver plated

SS-23E08-TG 2P3T



### Specifications

CONTACT RATING: 0.3A @ 30 VDC

INITIAL CONTACT RESISTANCE: 30 m ohms max.

INSULATION RESISTANCE: 100 M ohms min.

DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load

OPERATING FORCE:  $200 \pm 100$  gf ( $1.96 \pm 0.98$ N)  
 $250 \pm 100$  gf ( $2.45 \pm 0.98$ N)

TRAVEL:  $2.5 \pm 0.3$  mm

OPERATING TEMPERATURE: -20°C to 80°C

### Materials

KNOB: POM

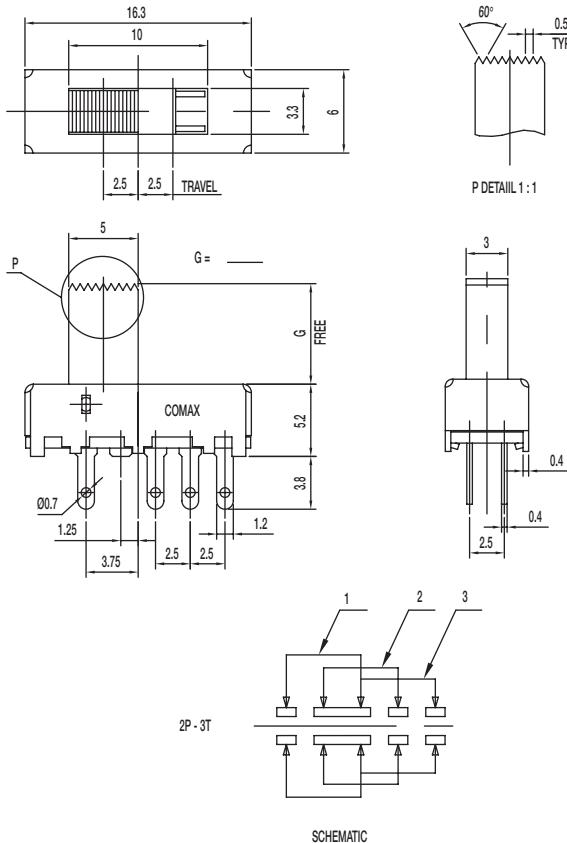
FRAME: SPCC

CONTACT: Silver clad

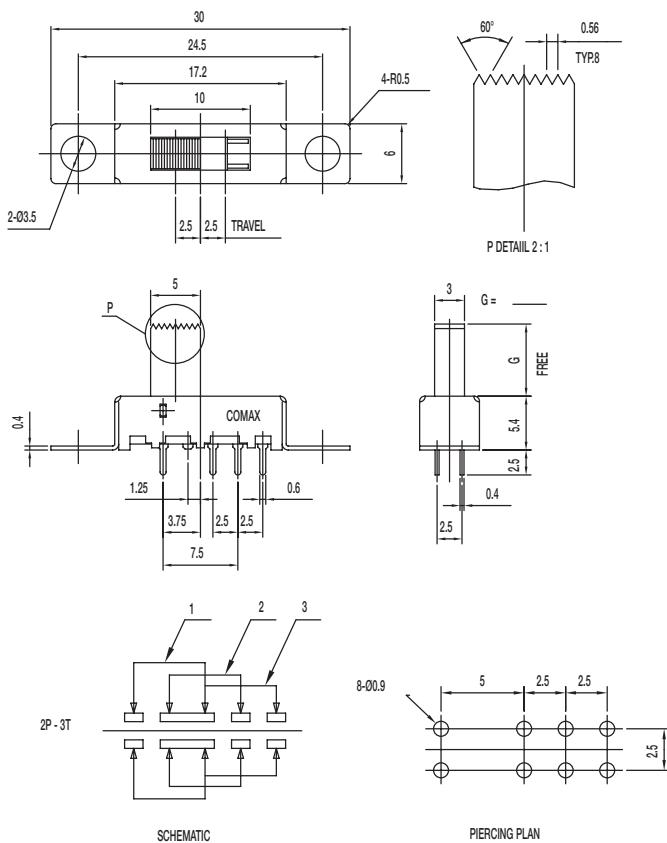
TERMINAL: Silver plated

# SS Series Miniature Slide Switches

## SS-23E10-G 2P3T



## SS-23E11-G 2P3T



## Specifications

CONTACT RATING: 0.3A @ 30 VDC

INITIAL CONTACT RESISTANCE: 30 m ohms max.

INSULATION RESISTANCE: 100 M ohms min.

DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load

OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)

250 ± 100 gf (2.45 ± 0.98N)

TRAVEL: 2.5 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

## Materials

KNOB: POM

FRAME: SPCC

CONTACT: Silver clad

TERMINAL: Silver plated

## Specifications

CONTACT RATING: 0.3A @ 30 VDC

INITIAL CONTACT RESISTANCE: 30 m ohms max.

INSULATION RESISTANCE: 100 M ohms min.

DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load

OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)

250 ± 100 gf (2.45 ± 0.98N)

TRAVEL: 2.5 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

## Materials

KNOB: POM

FRAME: SPCC

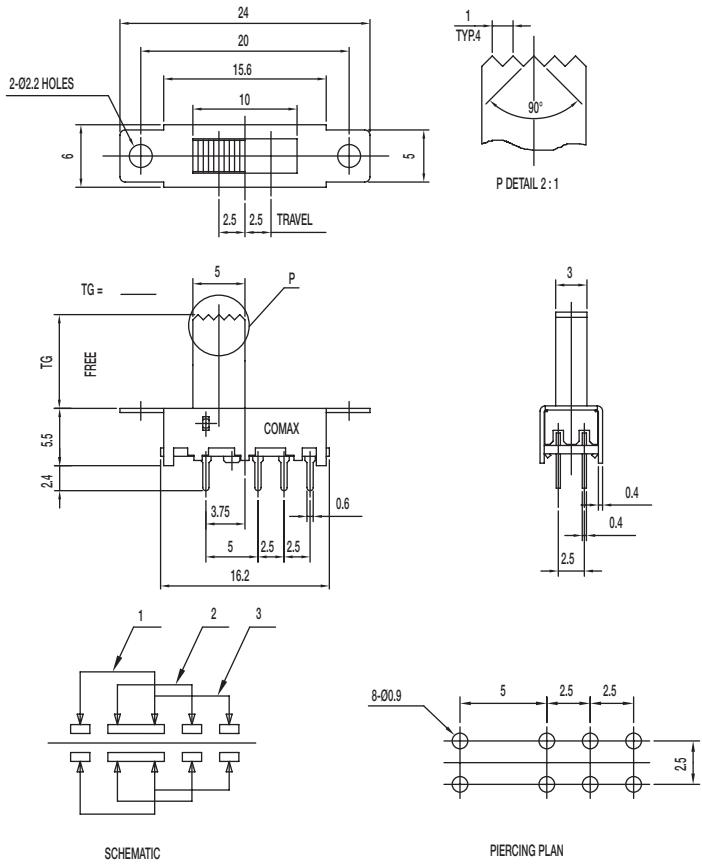
CONTACT: Silver clad

TERMINAL: Silver plated

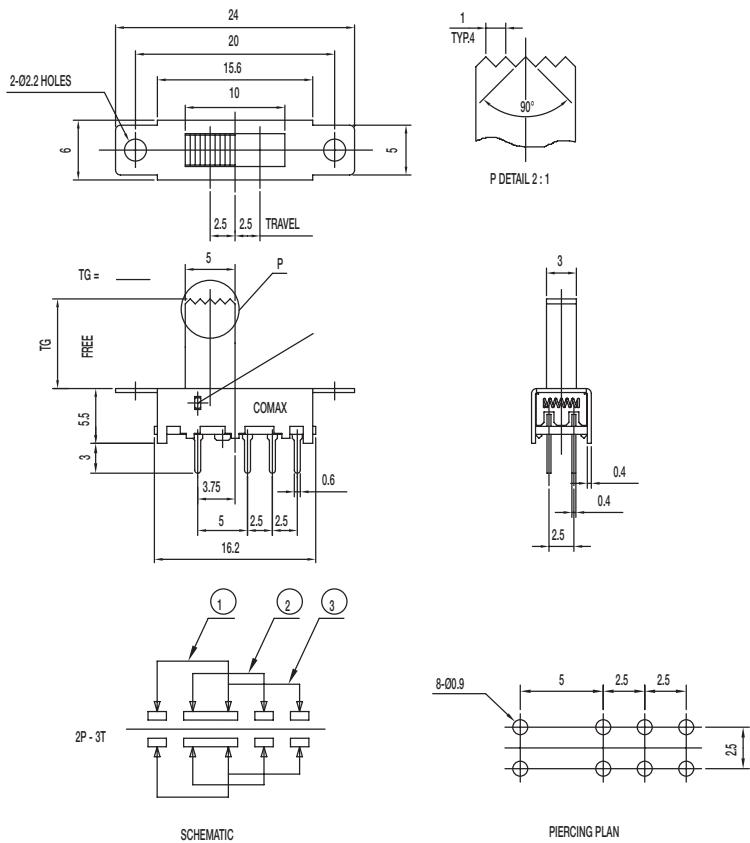
# SS Series

## Miniature Slide Switches

SS-23E12-TG 2P3T



SS-23E14-TG NS 2P3T NON-SHORTING



### Specifications

CONTACT RATING: 0.3A @ 30 VDC  
 INITIAL CONTACT RESISTANCE: 30 m ohms max.  
 INSULATION RESISTANCE: 100 M ohms min.  
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
 OPERATING LIFE: 10,000 cycles with load  
 OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)  
 250 ± 100 gf (2.45 ± 0.98N)  
 TRAVEL: 2.5 ± 0.3 mm  
 OPERATING TEMPERATURE: -20°C to 70°C

### Materials

KNOB: POM  
 FRAME: SPCC  
 CONTACT: Silver clad  
 TERMINAL: Silver plated

### Specifications

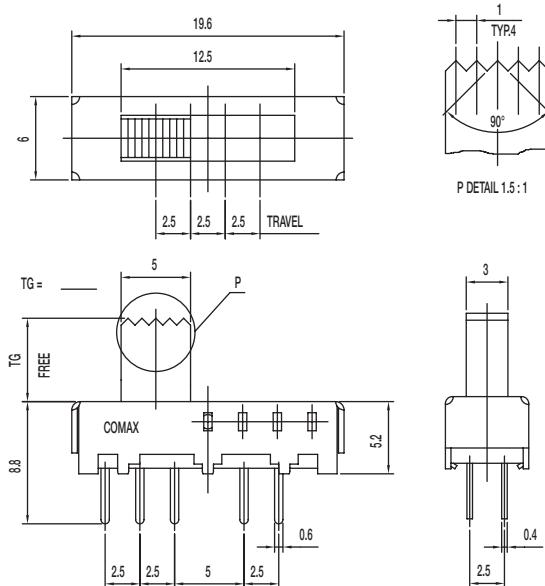
CONTACT RATING: 0.3A @ 30 VDC  
 INITIAL CONTACT RESISTANCE: 30 m ohms max.  
 INSULATION RESISTANCE: 100 M ohms min.  
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
 OPERATING LIFE: 10,000 cycles with load  
 OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)  
 250 ± 100 gf (2.45 ± 0.98N)  
 TRAVEL: 2.5 ± 0.3 mm  
 OPERATING TEMPERATURE: -20°C to 70°C

### Materials

KNOB: POM  
 FRAME: SPCC  
 CONTACT: Silver clad  
 TERMINAL: Silver plated

# SS Series Miniature Slide Switches

## SS-24E06-TG 2P4T SHORTING



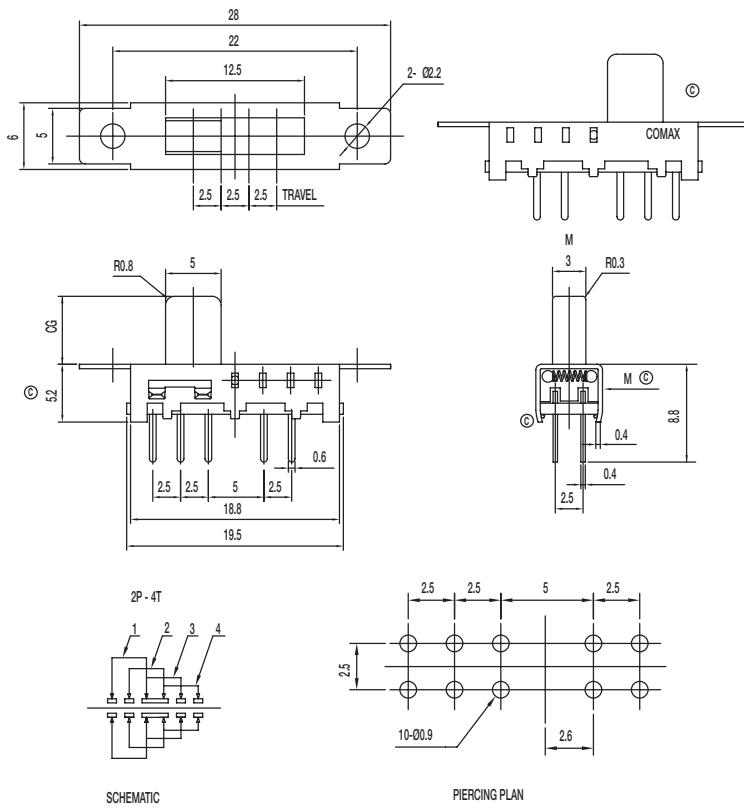
### Specifications

CONTACT RATING: 0.3A @ 30 VDC  
INITIAL CONTACT RESISTANCE: 30 m ohms max.  
INSULATION RESISTANCE: 100 M ohms min.  
DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
OPERATING LIFE: 10,000 cycles with load  
OPERATING FORCE: 250 ± 100 gf (2.45 ± 0.98N)  
TRAVEL: 2.5 ± 0.3 mm  
OPERATING TEMPERATURE: -20°C to 70°C

### Materials

KNOB: POM  
FRAME: SPCC  
CONTACT: Silver clad  
TERMINAL: Silver plated

## SS-24E08-CG 2P4T



### Specifications

CONTACT RATING: 0.3A @ 30 VDC  
INITIAL CONTACT RESISTANCE: 30 m ohms max.  
INSULATION RESISTANCE: 100 M ohms min.  
DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
OPERATING LIFE: 10,000 cycles with load  
OPERATING FORCE: 250 ± 100 gf (2.45 ± 0.98N)  
TRAVEL: 2.5 ± 0.3 mm  
OPERATING TEMPERATURE: -20°C to 70°C

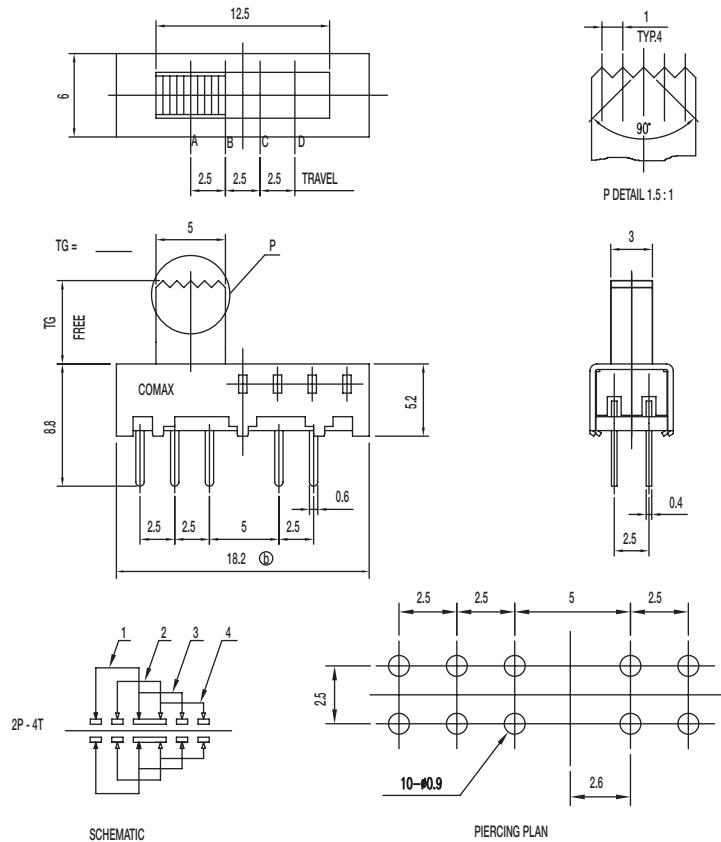
### Materials

KNOB: POM  
FRAME: SPCC  
CONTACT: Silver clad  
TERMINAL: Silver plated

# SS Series

## Miniature Slide Switches

### SS-24E09-TG 2P4T



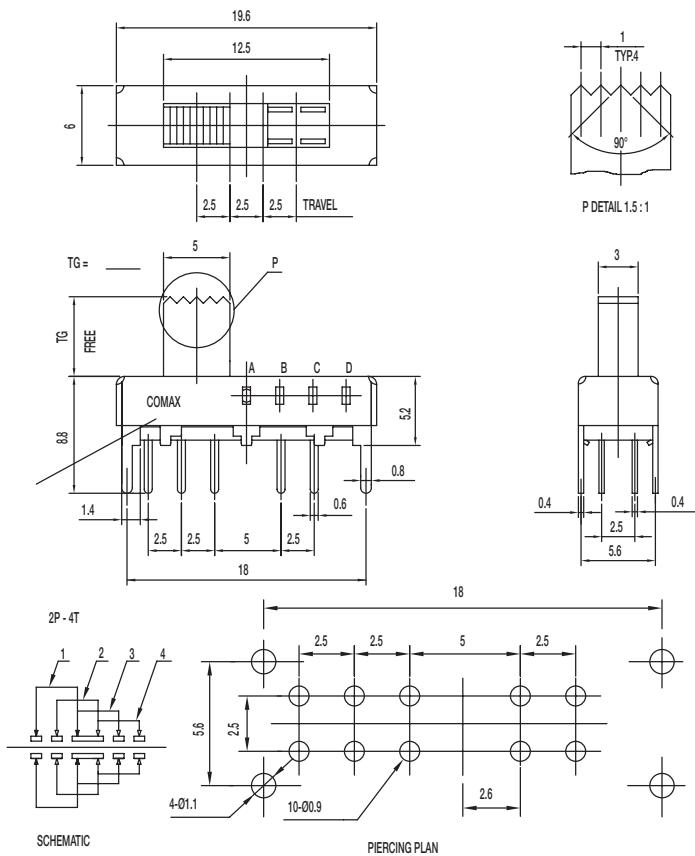
#### Specifications

CONTACT RATING: 0.3A @ 30 VDC  
 INITIAL CONTACT RESISTANCE: 30 m ohms max.  
 INSULATION RESISTANCE: 100 M ohms min.  
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
 OPERATING LIFE: 10,000 cycles with load  
 OPERATING FORCE:  $250 \pm 100$  gf ( $2.45 \pm 0.98$  N)  
 TRAVEL:  $2.5 \pm 0.3$  mm  
 OPERATING TEMPERATURE: -20°C to 70°C

#### Materials

KNOB: POM  
 FRAME: SPCC  
 CONTACT: Silver clad  
 TERMINAL: Silver plated

### SS-24E10-TG 2P4T



#### Specifications

CONTACT RATING: 0.3A @ 30 VDC  
 INITIAL CONTACT RESISTANCE: 30 m ohms max.  
 INSULATION RESISTANCE: 100 M ohms min.  
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
 OPERATING LIFE: 10,000 cycles with load  
 OPERATING FORCE:  $250 \pm 100$  gf ( $2.45 \pm 0.98$  N)  
 TRAVEL:  $2.5 \pm 0.3$  mm  
 OPERATING TEMPERATURE: -20°C to 70°C

#### Materials

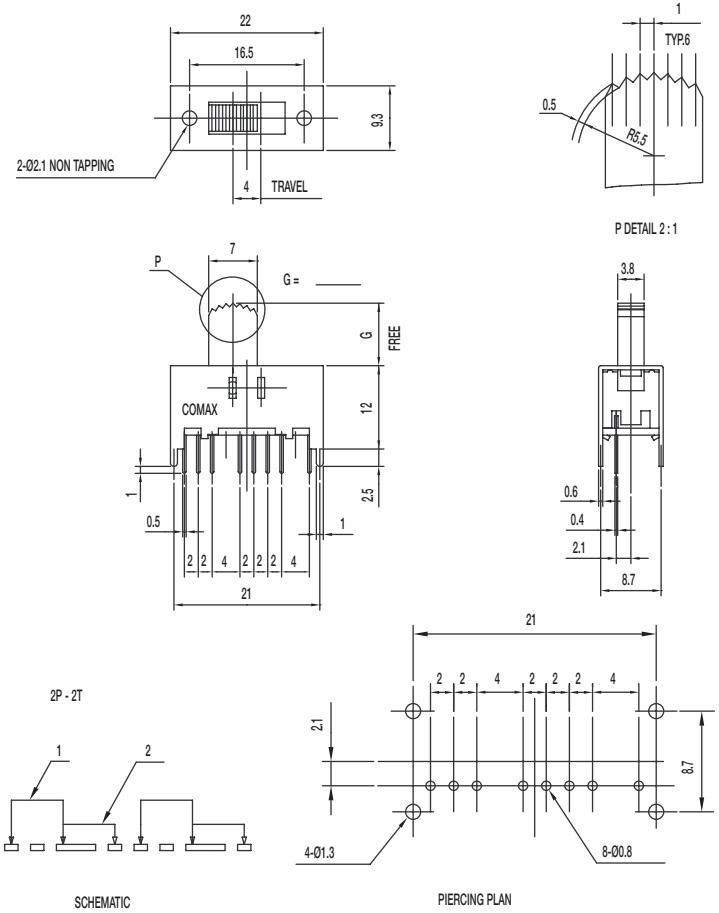
KNOB: POM  
 FRAME: SPCC  
 CONTACT: Silver clad  
 TERMINAL: Silver plated



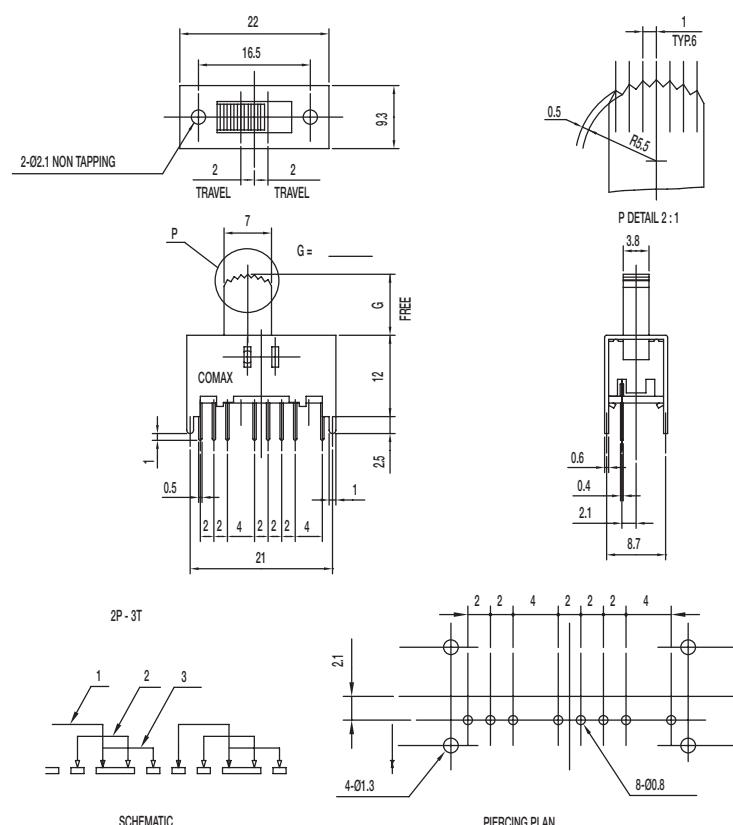
# SS Series

## Miniature Slide Switches

### SS-22H18-G DPDT NON-SHORTING



### SS-23D10-G 2P3T



## Specifications

CONTACT RATING: 0.3A @ 30 VDC

INITIAL CONTACT RESISTANCE: 30 m ohms max.

INSULATION RESISTANCE: 100 M ohms min.

DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load

OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)

TRAVEL: 4 ± 0.3 mm

OPERATING TEMPERATURE: -10°C to 60°C

## Materials

KNOB: POM

FRAME: SPCC

CONTACT: Silver clad

TERMINAL: Silver plated

## Specifications

CONTACT RATING: 0.3A @ 30 VDC

INITIAL CONTACT RESISTANCE: 30 m ohms max.

INSULATION RESISTANCE: 100 M ohms min.

DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load

OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)

300 ± 150 gf (2.94 ± 1.47N)

TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

## Materials

KNOB: POM

FRAME: SPCC

CONTACT: Silver clad

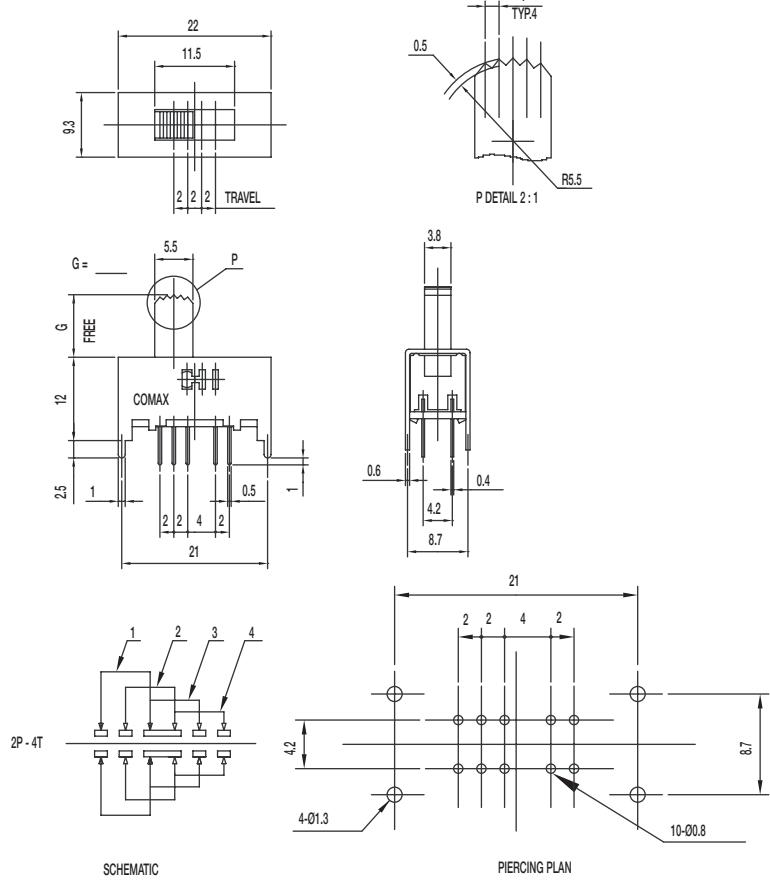
TERMINAL: Silver plated

Dimensions are shown: mm  
Specifications and dimensions subject to change

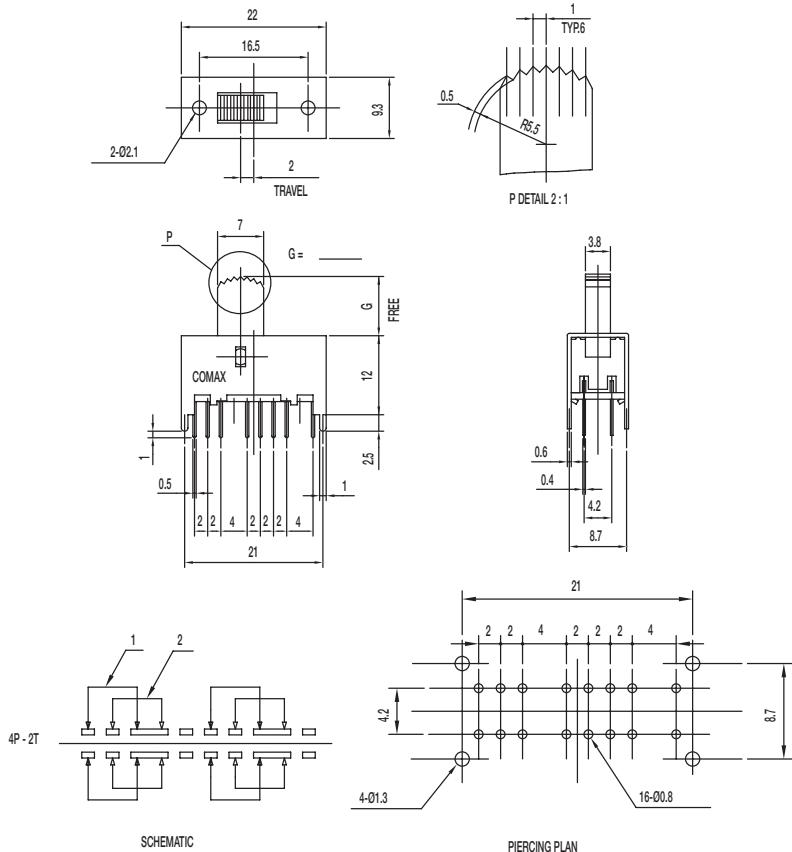
[www.ckswitches.com](http://www.ckswitches.com)

# SS Series Miniature Slide Switches

## SS-24D01-M 2P4T



## SS-42D11-G 4P2T SHORTING



## Specifications

CONTACT RATING: 0.3A @ 30 VDC

INITIAL CONTACT RESISTANCE: 30 m ohms max.

INSULATION RESISTANCE: 100 M ohms min.

DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load

OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)

TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

## Materials

KNOB: POM

FRAME: SPCC

CONTACT: Silver clad

TERMINAL: Silver plated

## Specifications

CONTACT RATING: 0.3A @ 30 VDC

INITIAL CONTACT RESISTANCE: 30 m ohms max.

INSULATION RESISTANCE: 100 M ohms min.

DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load

OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)

TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

## Materials

KNOB: POM

FRAME: SPCC

CONTACT: Silver clad

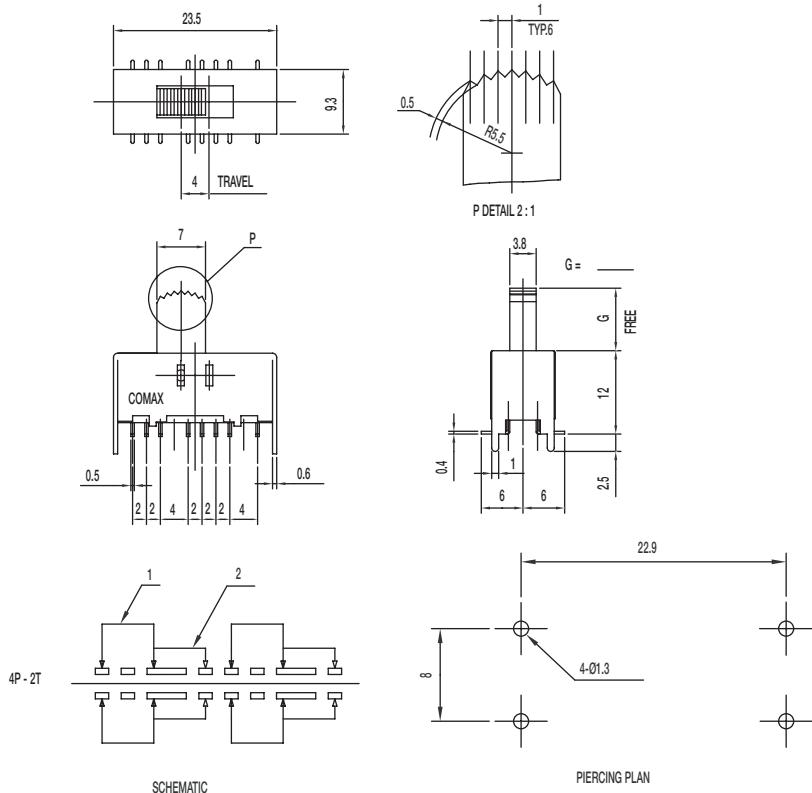
TERMINAL: Silver plated

Dimensions are shown: mm  
Specifications and dimensions subject to change

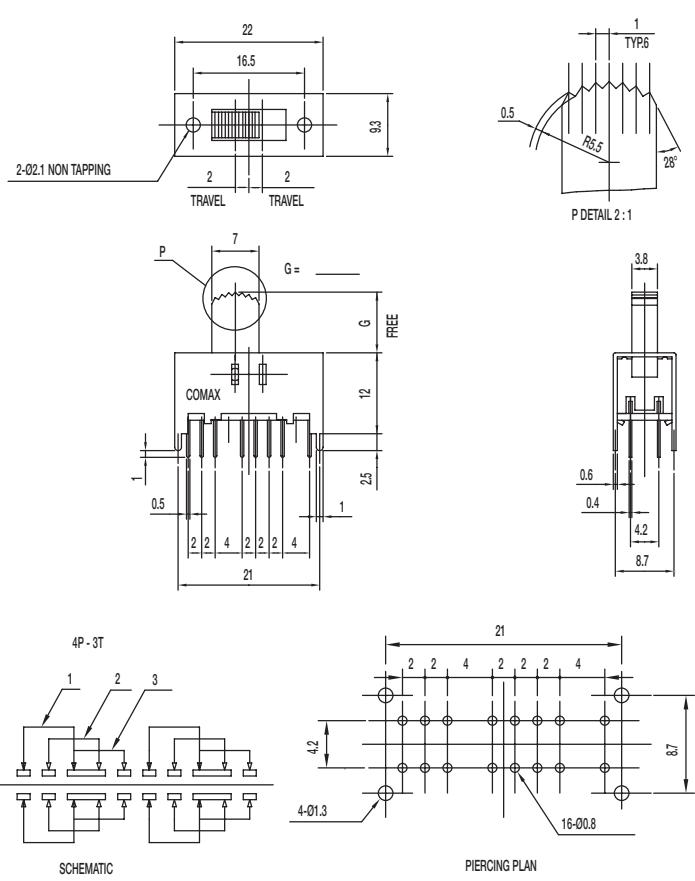
# SS Series

## Miniature Slide Switches

**SS-42H06-G** 4P2T NON-SHORTING



**SS-43D01-G** 4P3T



### Specifications

CONTACT RATING: 0.3A @ 30 VDC  
 INITIAL CONTACT RESISTANCE: 30 m ohms max.  
 INSULATION RESISTANCE: 100 M ohms min.  
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
 OPERATING LIFE: 10,000 cycles with load  
 OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)  
 TRAVEL: 4 ± 0.3 mm  
 OPERATING TEMPERATURE: -20°C to 70°C

### Materials

KNOB: POM  
 FRAME: SPCC  
 CONTACT: Silver clad  
 TERMINAL: Silver plated

### Specifications

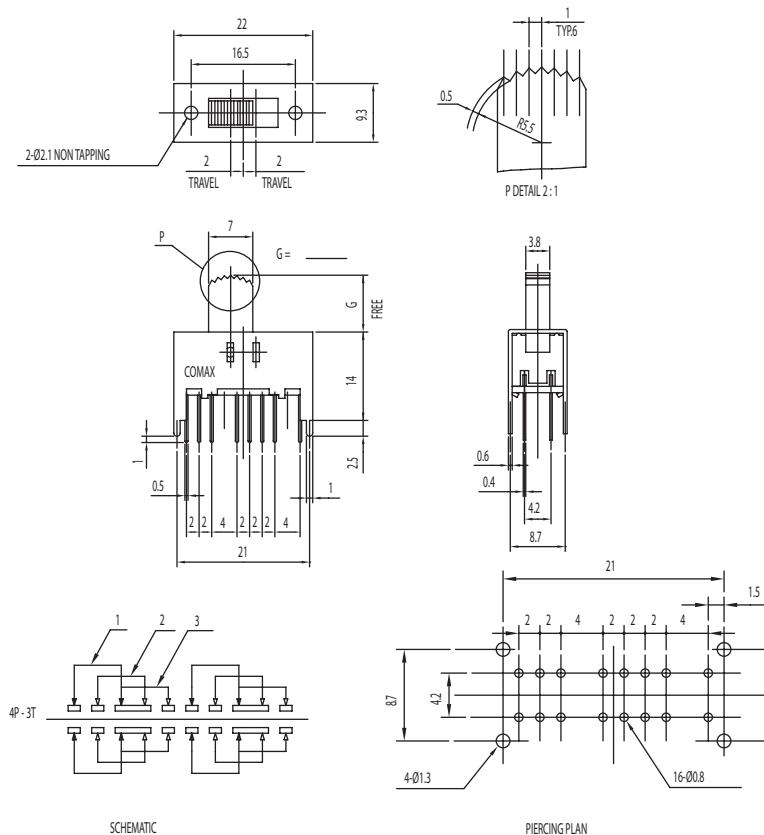
CONTACT RATING: 0.3A @ 30 VDC  
 INITIAL CONTACT RESISTANCE: 30 m ohms max.  
 INSULATION RESISTANCE: 100 M ohms min.  
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
 OPERATING LIFE: 10,000 cycles with load  
 OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)  
 $300 \pm 150$  gf (2.94 ± 1.47N)  
 TRAVEL: 2 ± 0.3 mm  
 OPERATING TEMPERATURE: -20°C to 70°C

### Materials

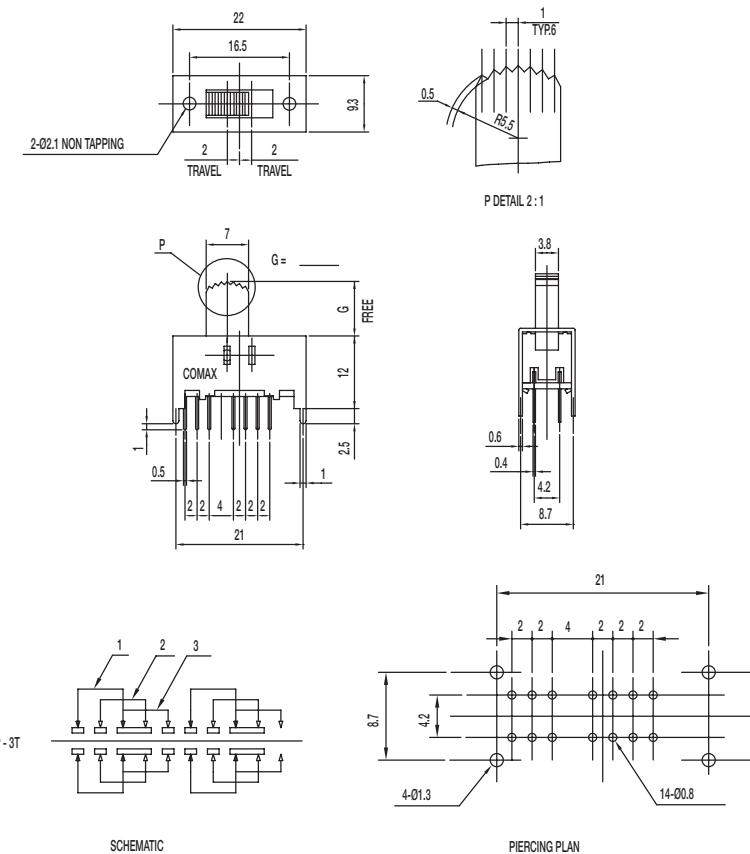
KNOB: POM  
 FRAME: SPCC  
 CONTACT: Silver clad  
 TERMINAL: Silver plated

# SS Series Miniature Slide Switches

## SS-43D02-G 4P3T



## SS-43D03-G 4P3T



### Specifications

CONTACT RATING: 0.3A @ 30 VDC  
 INITIAL CONTACT RESISTANCE: 30 m ohms max.  
 INSULATION RESISTANCE: 100 M ohms min.  
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
 OPERATING LIFE: 10,000 cycles with load  
 OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)  
 $300 \pm 150$  gf (2.94 ± 1.47N)  
 TRAVEL: 2 ± 0.3 mm  
 OPERATING TEMPERATURE: -20°C to 70°C

### Materials

KNOB: POM  
 FRAME: SPCC  
 CONTACT: Silver clad  
 TERMINAL: Silver plated

### Specifications

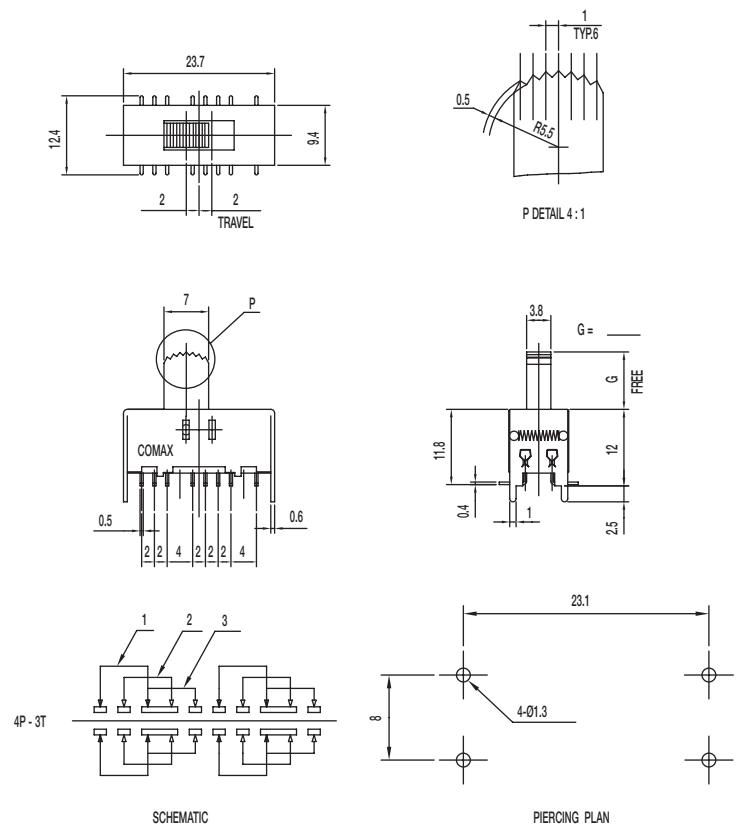
CONTACT RATING: 0.3A @ 30 VDC  
 INITIAL CONTACT RESISTANCE: 30 m ohms max.  
 INSULATION RESISTANCE: 100 M ohms min.  
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
 OPERATING LIFE: 10,000 cycles with load  
 OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)  
 $300 \pm 150$  gf (2.94 ± 1.47N)  
 TRAVEL: 2 ± 0.3 mm  
 OPERATING TEMPERATURE: -20°C to 70°C

### Materials

KNOB: POM  
 FRAME: SPCC  
 CONTACT: Silver clad  
 TERMINAL: Silver plated

# SS Series Miniature Slide Switches

## SS-43D06-G 4P3T



### Specifications

CONTACT RATING: 0.3A @ 30 VDC  
 INITIAL CONTACT RESISTANCE: 30 m ohms max.  
 INSULATION RESISTANCE: 100 M ohms min.  
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
 OPERATING LIFE: 10,000 cycles with load  
 OPERATING FORCE:  $200 \pm 100$  gf ( $1.96 \pm 0.98$  N)  
 $350 \pm 150$  gf ( $3.43 \pm 1.47$  N)  
 TRAVEL:  $2 \pm 0.3$  mm  
 OPERATING TEMPERATURE: -20°C to 70°C

### Materials

KNOB: POM  
 FRAME: SPCC  
 CONTACT: Silver clad  
 TERMINAL: Silver plated

## SS-14D0839-VG 5 PA 1P4T

### Specifications

CONTACT RATING: 0.3A @ 30 VDC  
 INITIAL CONTACT RESISTANCE: 30 m ohms max.  
 INSULATION RESISTANCE: 100 M ohms min.  
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.  
 OPERATING LIFE: 10,000 cycles without load; 5,000 cycles with load  
 OPERATING FORCE:  $250 \pm 100$  gf ( $2.45 \pm 0.98$  N)  
 TRAVEL:  $2 \pm 0.3$  mm  
 OPERATING TEMPERATURE: -20°C to 70°C

### Materials

KNOB: PA  
 FRAME: SPCC  
 CONTACT: Silver clad  
 TERMINAL: Silver plated

# Mouser Electronics

Authorized Distributor

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## C&K Switches:

[SS-12D07-VG 4 NS GA PA](#) [SS-13D16-VG 4 PA](#) [SS-22F02-DG 6 \(L\)](#) [SS-24E06-TG 5 \(P\)](#) [SS-44D04-G 4](#)  
[SS22F10G2](#) [SS23D08VG2](#) [SS22J12G7](#) [SS63D01G11TGA](#) [SS22D07VG5NS](#) [SS12D07VG4NS](#) [SS22F02G5ZBL](#)  
[SS22D08SG3NSL](#) [SS12F06G4](#) [SS23D15G5](#) [SS44D04G14](#) [SS24D01G16](#) [SS12D1305G2](#) [SS22F18G7B](#)  
[SS22F28G5NS](#) [SS27E01G6](#) [SS24E01A6](#) [SS23D07G3](#) [SS23E22TG5NS](#) [SS14D06VG5LT](#) [SS12F04G6](#)  
[SS43D01G16](#) [SS22F55G6B](#) [SS22F25G7](#) [SS44D04G8](#) [SS12F48G11](#) [SS13D16VG6](#) [SS12F04G4.5](#) [SS22F28G6NS](#)  
[SS83D01G9](#) [SS12D07VG2NSLTW](#) [SS24D28G4NS](#) [SS22F32G15B](#) [SS12D01G6ENS](#) [SS22F32G6B](#) [SS12F13G4B](#)  
[SS23E08TG6](#) [SS12F13G5ZBL](#) [SS23F19G5ZB](#) [SS13D03G4](#) [SS12F78G7LT](#) [SS23E08TG8](#) [SS24D28G5NS](#)  
[SS23D03G5](#) [SS14D01VG3](#) [SS22F25G4B](#) [SS22F14G3](#) [SS23D28G6NS](#) [SS12D07VG3PAL](#) [SS12F02G4](#)  
[SS23F52G8NS](#) [SS22F55G8B](#) [SS12D11G3ENS](#) [SS12H26VG3](#) [SS22F02G6BL](#) [SS24E10TG5](#) [SS12F13G9B](#)  
[SS23D14G6](#) [SS13E08DG5](#) [SS24D07VG5PA](#) [SS12D16G3ENSLT](#) [SS12F15G3ZB](#) [SS23E06G3](#) [SS22D07G5NS](#)  
[SS22F01G7ZB](#) [SS42H09G7](#) [SS42F28G6NS](#) [SS22D07G2NS](#) [SS12F48G9](#) [SS12D07G4NS](#) [SS22H08VG5](#)  
[SS14D07VG7](#) [SS23D31G1.5NS](#) [SS22F25G3.5ZB](#) [SS23D07G4NSPA](#) [SS22F17AC5.5](#) [SS22F07RB11](#)  
[SS22F02DG6ZBL](#) [SS22H21G5](#) [SS23D07G3NSPA](#) [SS13D01G4](#) [SS22H03G5](#) [SS23H02G5T](#) [SS13D16VG3PAL](#)  
[SS23E16TG5NS](#) [SS22F32AG7BRK](#) [SS12F23G5](#) [SS22H18G7](#) [SS22J12G4](#) [SS12F20G9](#) [SS22F02DG3ZB](#)  
[SS22F07G9ZB](#) [SS22H14G7NS](#) [SS22H08VG6](#) [SS27E01G7](#)