

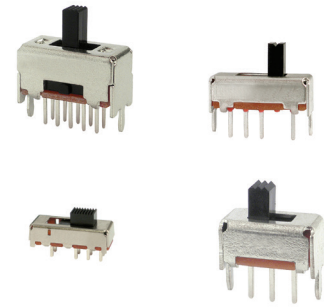
SS Series Miniature Slide Switches

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



How To Order

Our easy build-a-switch concept allows you to mix and match options to create the switch you need. To order, select desired option from each category and place it in the appropriate box.

Circuit Number 1 One circuit 2 Two circuits 4 Four circuits 6 Six circuits 8 Eight circuits Position Number 2 Two positions 3 Three positions 4 Four positions 5 Five positions Travel C 1.5mm D 2.0mm E 2.5mm F 3.0mm G 3.5mm H 4.0mm ...	Series Sequence 01, 02, ...	Actuator Length 1.5 1.5mm 2 2.0mm 2.5 2.5mm ... Actuator Shape* G DG TG VG R M AC DP	Auxiliary Code** NS Non-shorting S Shorting PA Knob material P E Frame SPTE LT Vertical bending
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* Please refer to common actuator type table

** Please refer to PN description table for details

Part number list is shown below. For individual part details, please refer to the following pages.

Part Number (Part Description)	Product Details
SS-12D1305-G 2	1P2T, 2mm travel, Frame H=3.5mm, Cover SUS, Tail L= 3.0mm, Knob type G with L=2mm, PA, Non shorting
SS-12D1505-G	1P2T, 2mm travel, Frame H=3.5mm, Cover SUS, Tail L= 1.2mm, Knob type G, PA, Non shorting
SS-22D0205-G	2P2T, 2mm travel, Frame H=3.5mm, Cover SUS, Tail L= 3.0mm, Knob type G, PA, Non shorting
SS-22D0205-G 2 -LT	2P2T, 2mm travel, Frame H=3.5mm, Cover SUS, Vertical bending, Knob type G with L=2mm, PA, Non shorting
SS-23D31-G 1.5 NS	2P3T, 2mm travel, Frame H=3.5mm, Cover SUS, Tail L= 1.5mm, Knob type G with L=1.5mm, PA
SS-12D01-G E NS	1P2T, 2mm travel, Frame H=3.5mm, Tail L= 2.5mm, Knob type G, Frame SPTE, POM, Non shorting
SS-12D06-G E NS	1P2T, 2mm travel, Frame H=3.5mm, Tail L= 2.5mm, Knob type G, Frame SPTE, POM, Non shorting
SS-12D11-G E NS	1P2T, 2mm travel, Frame H=4.7mm, Tail L= 2mm, Knob type G, Frame SPTE, POM, Non shorting
SS-13D01-G	1P3T, 2mm travel, Frame H=3.5mm, Tail L= 2.5mm, Knob type G, POM
SS-22D28-G NS	2P2T, 2mm travel, Frame H=8.5mm, Tail L= 3.3mm, Knob type G, POM, Non shorting
SS-23D28-G NS	2P3T, 2mm travel, Frame H=8.5mm, Tail L= 3.3mm, Knob type G, POM, Non shorting
SS-24D28-G NS	2P4T, 2mm travel, Frame H=8.5mm, Tail L= 3.3mm, Knob type G, POM, Non shorting

SS Series Miniature Slide Switches

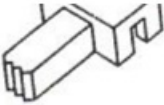
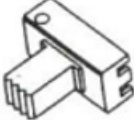
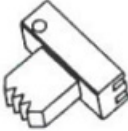
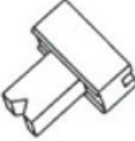
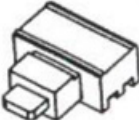


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Slide

Part Number (Part Description)	Product Details
SS-42D28-G NS	4P2T, 2mm travel, Frame H=8.5mm, Tail L= 3.3mm, Knob type G, POM, Non shorting
SS-43D28-G NS	4P3T, 2mm travel, Frame H=8.5mm, Tail L= 3.3mm, Knob type G, POM, Non shorting
SS-23D33-HG NS	2P3T, 2mm travel, Frame H=7mm, Tail L= 3.5mm, Knob type HG, POM, Non shorting
SS-12F28-G NS	1P2T, 3mm travel, Frame H=8.5mm, Tail L= 3mm, Knob type G, POM, Non shorting
SS-22F28-G S	2P2T, 3mm travel, Frame H=8.5mm, Tail L= 3mm, Knob type G, POM, Shorting
SS-23F28-G 6 NS	2P3T, 3mm travel, Frame H=8.5mm, Tail L= 3mm, Knob type G with L=6mm, POM, Non shorting
SS-24F28-G	2P4T, 3mm travel, Frame H=8.5mm, Tail L= 3mm, Knob type G, POM, Non shorting
SS-42F28-G NS	4P2T, 3mm travel, Frame H=8.5mm, Tail L= 3mm, Knob type G, POM, Non shorting
SS-43F28-G NS	4P3T, 3mm travel, Frame H=8.5mm, Tail L= 3mm, Knob type G, POM, Non shorting
SS-44F28-G NS	4P4T, 3mm travel, Frame H=8.5mm, Tail L= 3mm, Knob type G, POM, Non shorting
SS-12D07-VG NS	1P2T, 2mm travel, Frame H=4.7mm, Tail L= 3.3mm, Knob type VG, POM, Non shorting
SS-12H26-VG	1P2T, 4mm travel, Frame H=4.7mm, Tail L= 3.3mm, Knob type VG, POM, Non shorting
SS-13D08-VG	1P3T, 2mm travel, Frame H=7mm, Tail L= 4mm, Knob type VG, POM
SS-13D16-VG	1P3T, 2mm travel, Frame H=4.7mm, Tail L= 3.3mm, Knob type VG, POM
SS-14D01-VG	1P4T, 2mm travel, Frame H=4.7mm, Tail L= 3.3mm, Knob type VG, POM
SS-14D07-VG	1P4T, 2mm travel, Frame H=4.7mm, Tail L= 3.3mm, Knob type VG, POM
SS-22D07-VG S	2P2T, 2mm travel, Frame H=4.7mm, Tail L= 3.3mm, Knob type VG, POM, Shorting
SS-22H08-G	2P2T, 4mm travel, Frame H=4.7mm, Tail L= 3.4mm, Knob type G, POM, Non shorting
SS-22H16-G	2P2T, 4mm travel, Frame H=4.7mm, Tail L= 3.4mm, Knob type G, POM, Non shorting
SS-23D07-G PA	2P3T, 2mm travel, Frame H=4.7mm, Tail L= 3.3mm, Knob type G, PA, Non shorting
SS-23D08-G	2P3T, 2mm travel, Frame H=7mm, Tail L= 4mm, Knob type G, POM
SS-24D02-VG	2P4T, 2mm travel, Frame H=4.7mm, Tail L= 3.3mm, Knob type VG, POM
SS-24D04-VG PA	2P4T, 2mm travel, Frame H=4.7mm, Tail L= 2.8mm, Knob type VG, PA
SS-24D07-VG PA	2P4T, 2mm travel, Frame H=4.7mm, Tail L= 3.3mm, Knob type VG, PA
SS-42D07-VG NS	4P2T, 2mm travel, Frame H=4.7mm, Tail L= 3.3mm, Knob type VG, POM, Non shorting
SS-13E08-DG	1P3T, 2.5mm travel, Frame H=5.5mm, Tail L= 3.5mm, Knob type DG, POM
SS-13E29-TG	1P3T, 2.5mm travel, Frame H=5.5mm, Tail L= 2.5mm, Knob type TG, POM
SS-22J08-G	2P2T, 5mm travel, Frame H=5.2mm, Tail L= 2.7mm, Knob type G, POM, Non shorting
SS-23E06-G	2P3T, 2.5mm travel, Frame H=5.2mm, Tail L= 2.7mm, Knob type G, POM
SS-23E08-TG	2P3T, 2.5mm travel, Frame H=5.5mm, Tail L= 3.5mm, Knob type TG, POM
SS-24E06-TG	2P4T, 2.5mm travel, Frame H=5.2mm, Tail L= 3.6mm, Knob type TG, POM, Shorting
SS-24E08-CG	2P4T, 2.5mm travel, Frame H=5.2mm, Tail L= 3.6mm, Knob type CG, POM
SS-24E09-TG	2P4T, 2.5mm travel, Frame H=5.2mm, Tail L= 3.6mm, Knob type TG, POM
SS-24E10-TG	2P4T, 2.5mm travel, Frame H=5.2mm, Tail L= 3.6mm, Knob type TG, POM
SS-24E19-TG	2P4T, 2.5mm travel, Frame H=5.2mm, Tail L= 3.6mm, Knob type TG, POM
SS-22H18-G	2P2T, 2.5mm travel, Frame H=12mm, Tail L= 3.5mm, Knob type G, POM, Non shorting
SS-23D10-G	2P3T, 2mm travel, Frame H=12mm, Tail L= 3.5mm, Knob type G, POM
SS-24D01-M	2P4T, 2mm travel, Frame H=12mm, Tail L= 3.5mm, Knob type M, POM
SS-43D01-G	4P3T, 2mm travel, Frame H=12mm, Tail L= 3.5mm, Knob type G, POM
SS-14D0839-VG 5 PA	1P4T, 2mm travel, Frame H=4.7mm, Tail L= 2.5mm, Knob type VG with L=5mm, PA

Common Actuator Type

 G	 DG	 TG	 VG
 R	 M	 AC	 DP



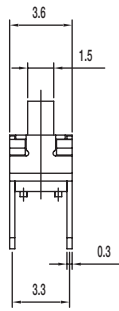
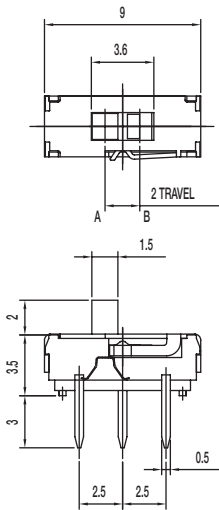
Slide

SS Series Miniature Slide Switches

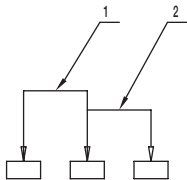
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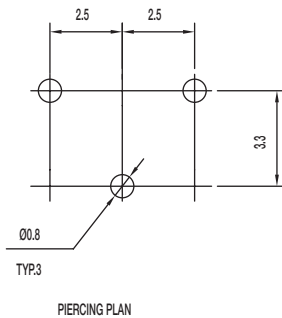
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1P-2T



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

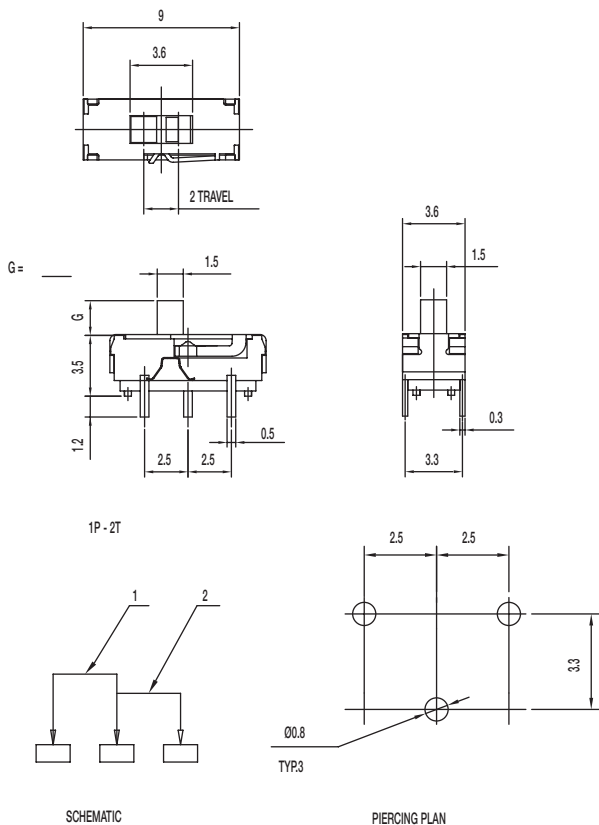
HOUSING: PA

CONTACT: Silver clad

TERMINAL: Silver plated

SS Series Miniature Slide Switches

SS-12D1505-G 1P2T NON-SHORTING



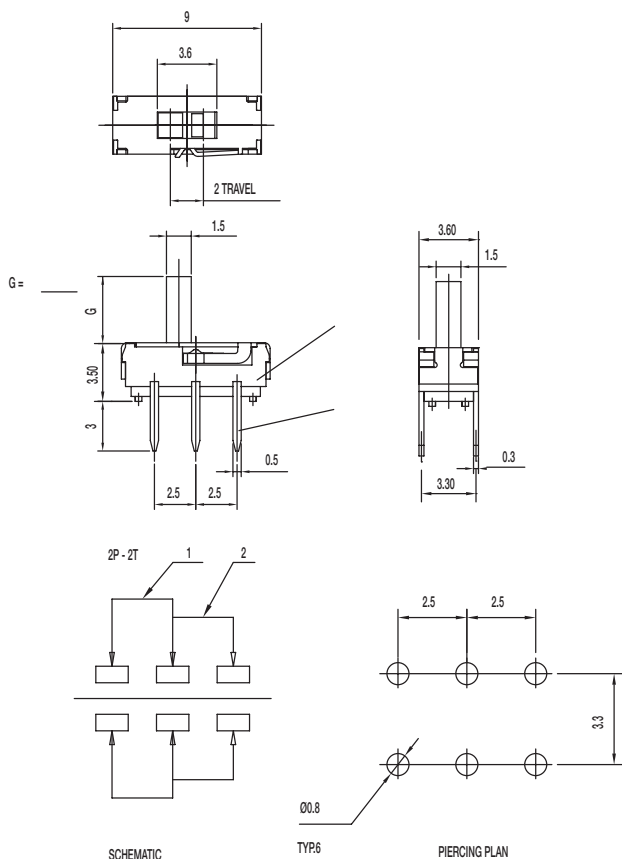
Specifications

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-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

SS Series Miniature Slide Switches

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



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Slide

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 ± 0.98 N)

TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

Materials

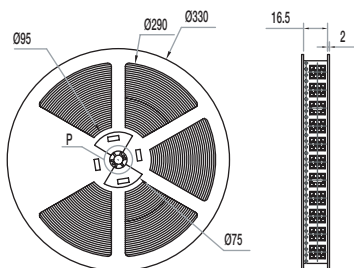
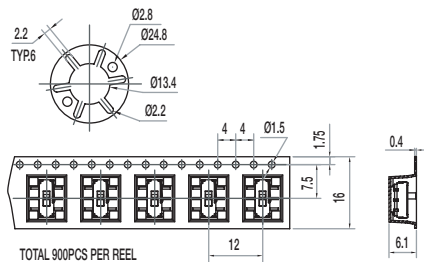
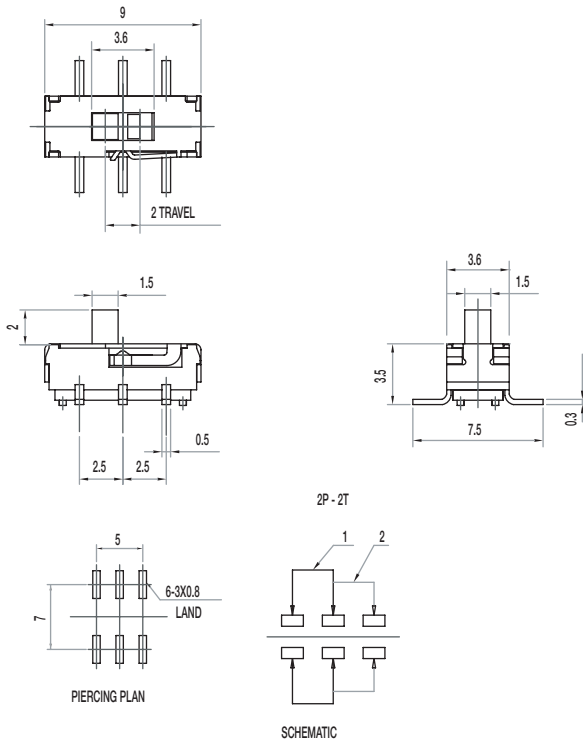
Knob: PA

Cover: SUS

Housing: PA

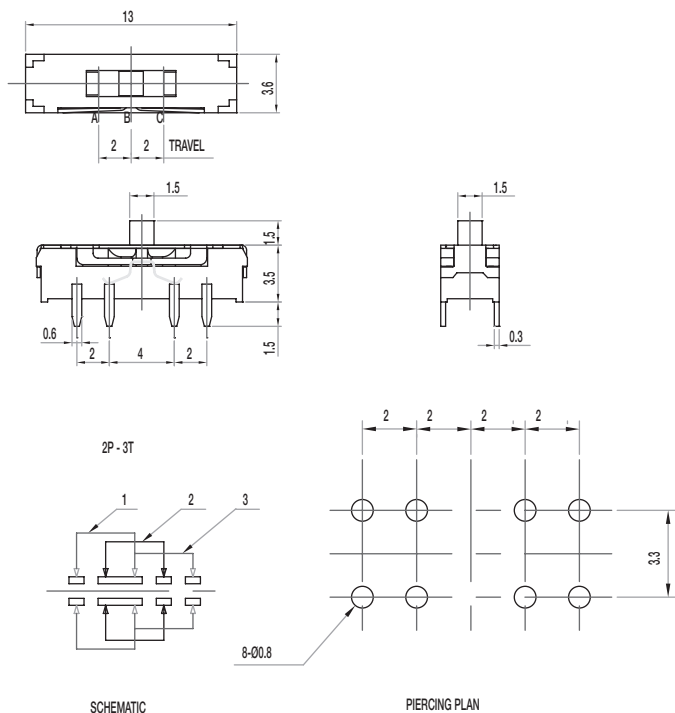
Contact: Silver clad

Terminal: Silver plated



SS Series Miniature Slide Switches

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



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 ± 0.98 N)
 250 ± 100 gf (2.47 ± 0.98 N)

TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

Materials

KNOB: PA

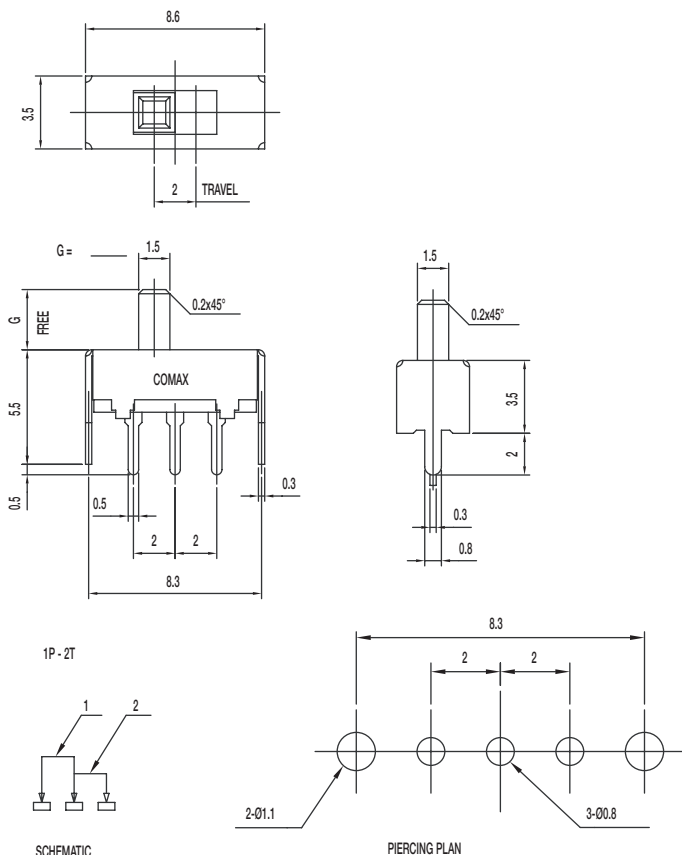
COVER: SUS

HOUSING: PA

CONTACT: Silver clad

TERMINAL: Silver plated

SS-12D01-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 ± 0.98 N)

TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

Materials

KNOB: POM

COVER: SUS

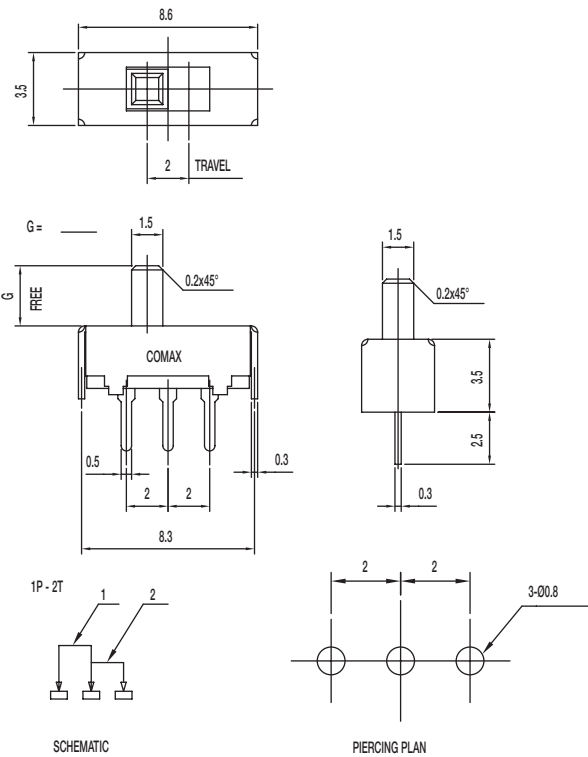
FRAME: SPTE

CONTACT: Silver clad

TERMINAL: Silver plated

SS Series Miniature Slide Switches

SS-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

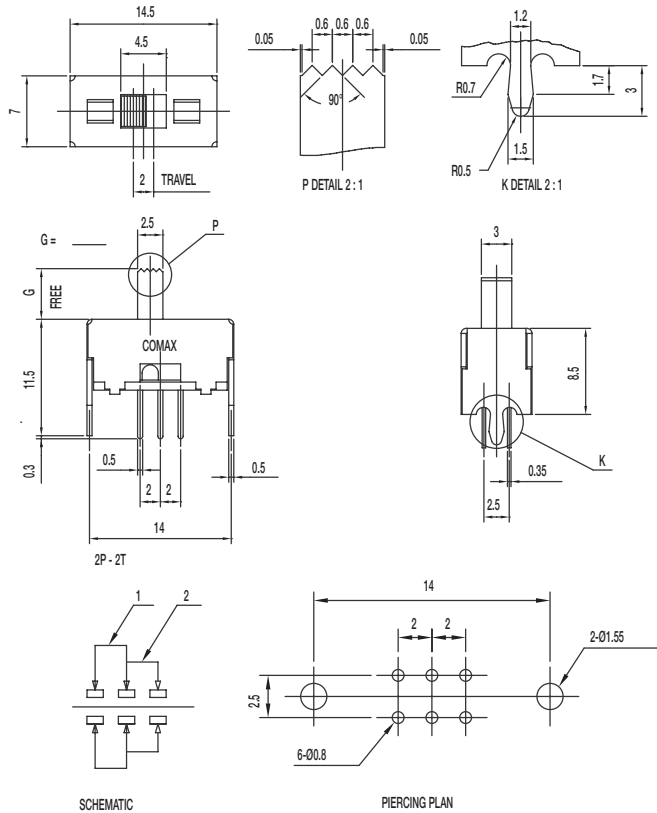


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Slide

SS Series Miniature Slide Switches

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 ± 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

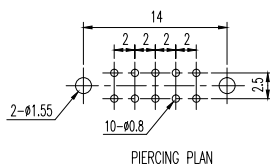
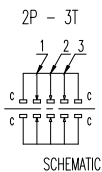
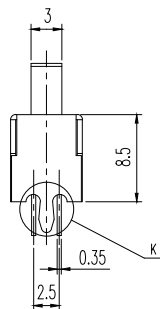
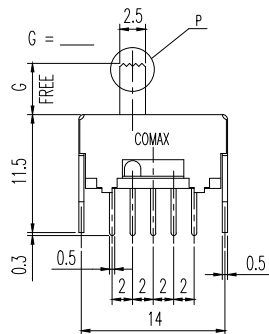
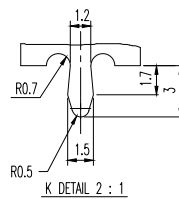
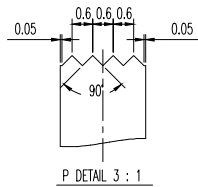
TERMINAL: Silver plated



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Slide

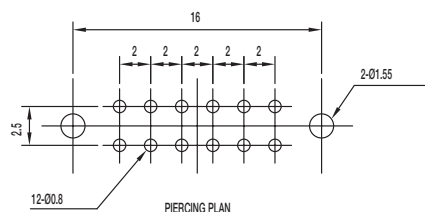
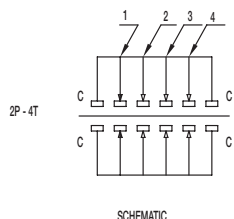
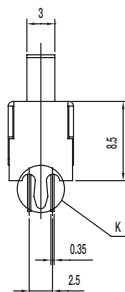
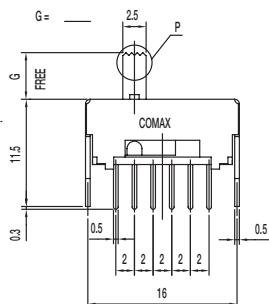
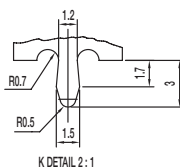
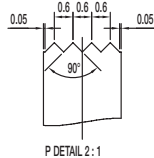
Slide



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

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

Technical drawing of a mechanical assembly showing dimensions: 16.5, 8.5, 7, and 2. The drawing includes a central shaft with a threaded section and a label 'TRAVEL'.



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); 300 ± 100 gf (2.94 ± 0.98N)

TRAVEL: 2 ± 0.3 mm

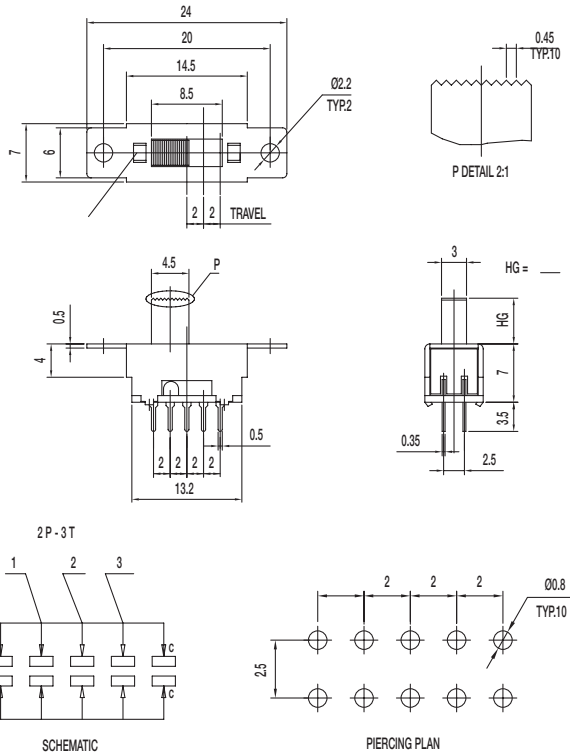
OPERATING TEMPERATURE: -20°C to 70°C

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

Slide

SS Series Miniature Slide Switches

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



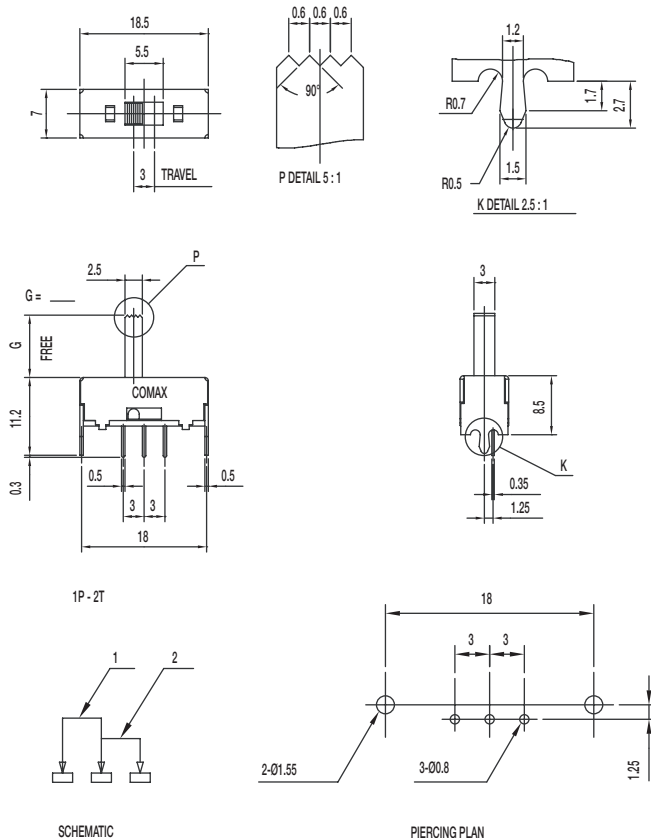
Specifications

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 ± 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-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

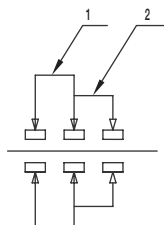
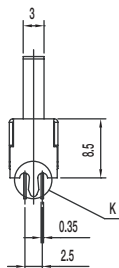
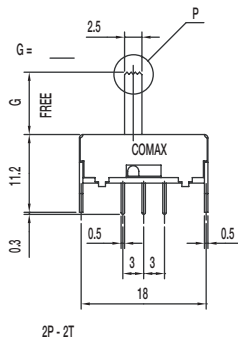
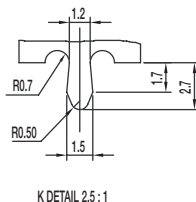
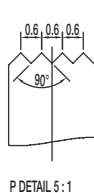
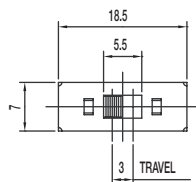
Materials

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

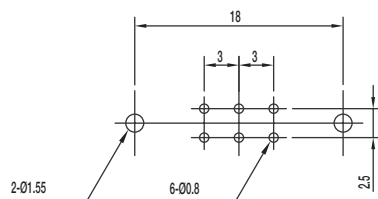
Dimensions are shown: Inch (mm)
 Specifications and dimensions subject to change

SS Series Miniature Slide Switches

SS-22F28-G S DPDT 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

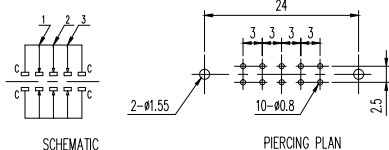
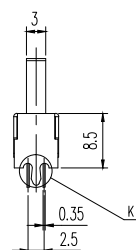
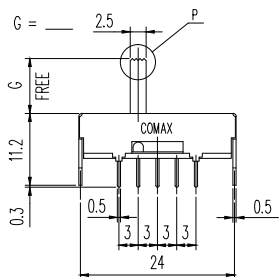
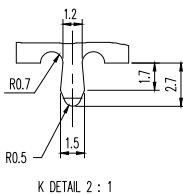
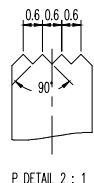
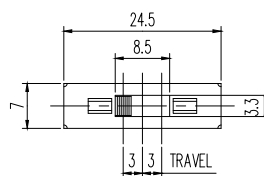
KNOB: POM

FRAME: SPCC

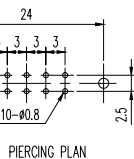
CONTACT: Silver clad

TERMINAL: Silver plated

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: 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

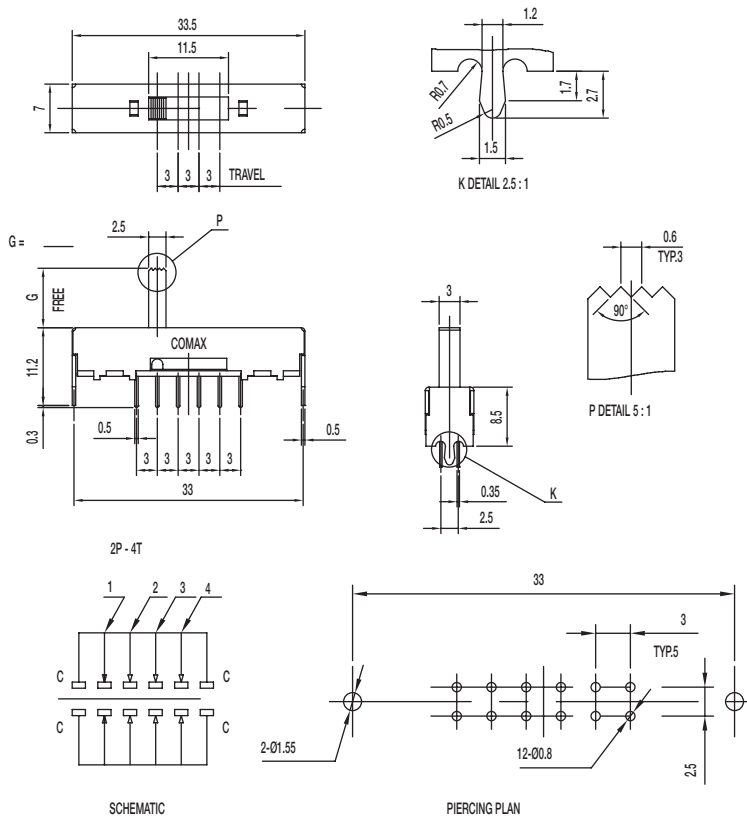
FRAME: SPCC

CONTACT: Silver clad

TERMINAL: Silver plated

SS Series Miniature Slide Switches

SS-24F28-G 2P4T NON-SHORTING



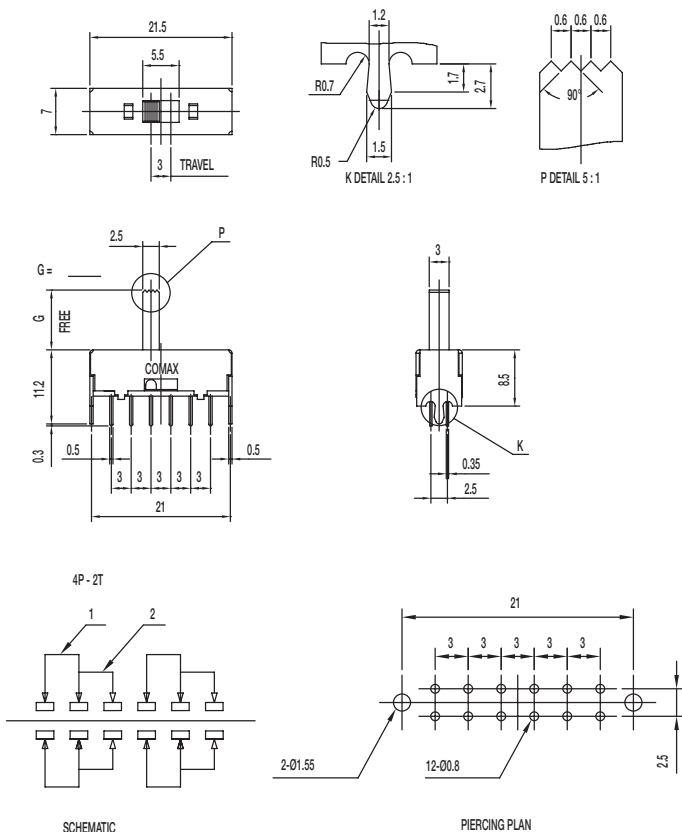
Specifications

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 ± 0.98 N)
 250 ± 100 gf (2.45 ± 0.98 N)
 TRAVEL: 3 ± 0.3 mm
 OPERATING TEMPERATURE: -20°C to 70°C

Materials

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

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 ± 100 gf (1.96 ± 0.98 N)
 TRAVEL: 3 ± 0.3 mm
 OPERATING TEMPERATURE: -20°C to 70°C

Materials

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

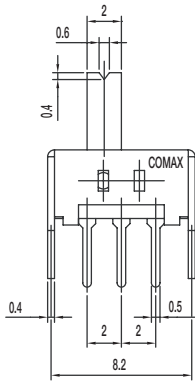
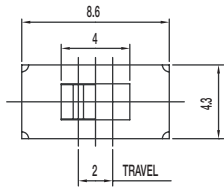
Slide

Slide

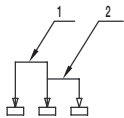


C&K

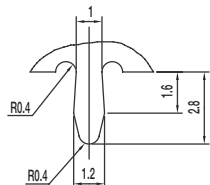
SS-12D07-G NS 1P2T NON-SHORTING



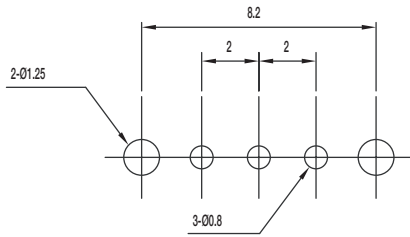
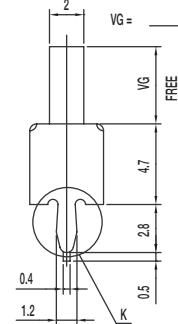
1P - 2T



SCHEMATIC



K DETAIL 1.5:1



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: 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

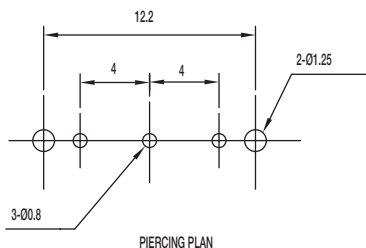
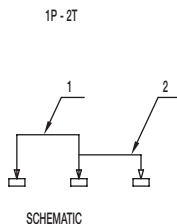
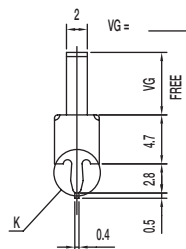
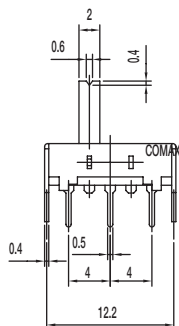
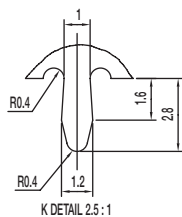
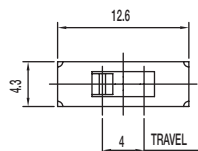
TERMINAL: Silver plated



Slide

SS Series Miniature Slide Switches

SS-12H26-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: 150 ± 100 gf (1.47 ± 0.98N)

TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

Materials

KNOB: POM

FRAME: SPCC

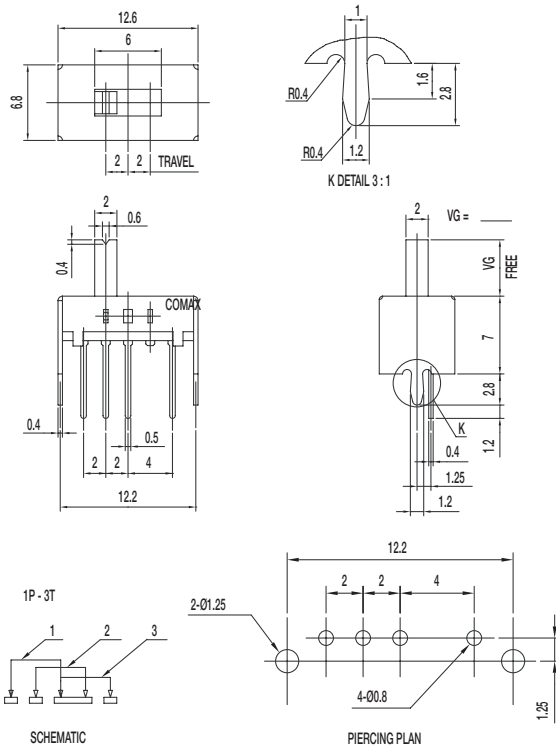
CONTACT: Silver clad

TERMINAL: Silver plated

Slide

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 ± 50 gf (1.47 ± 0.49N)
 200 ± 100 gf (1.96 ± 0.98N)
 TRAVEL: 2 ± 0.3 mm
 OPERATING TEMPERATURE: -20°C to 70°C

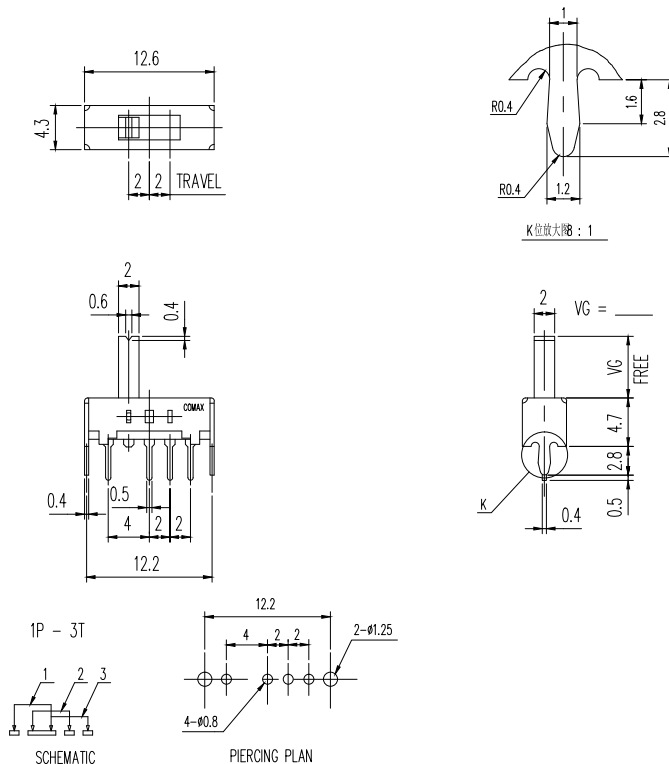
Materials

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



Slide

SS-13D16-VG 1P3T



Specifications

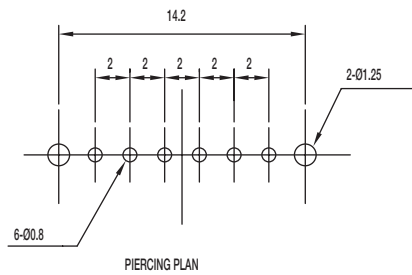
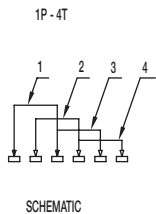
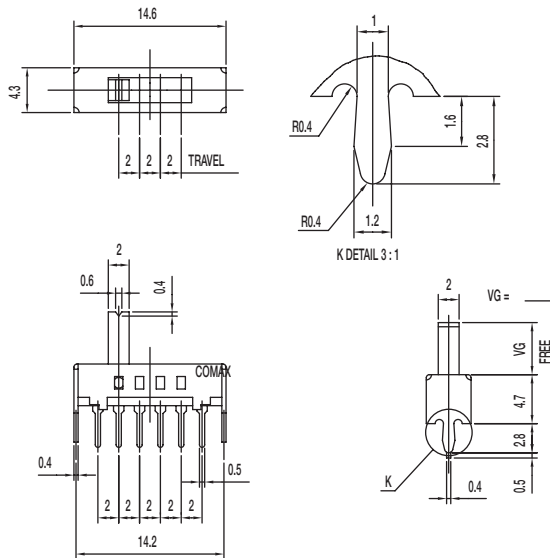
CONTACT RATING: 0.3A @ 30 VDC
 INITIAL CONTACT RESISTANCE: 30 m ohms max.
 INSULATION RESISTANCE: 100 M ohms min.
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.
 OPERATING LIFE: 10,000 cycles with load
 OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)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

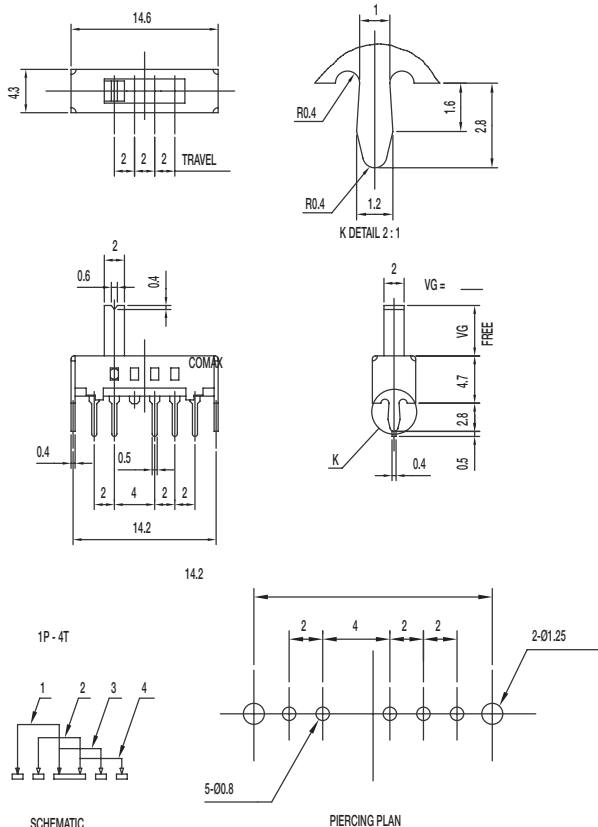
KNOB: POM

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

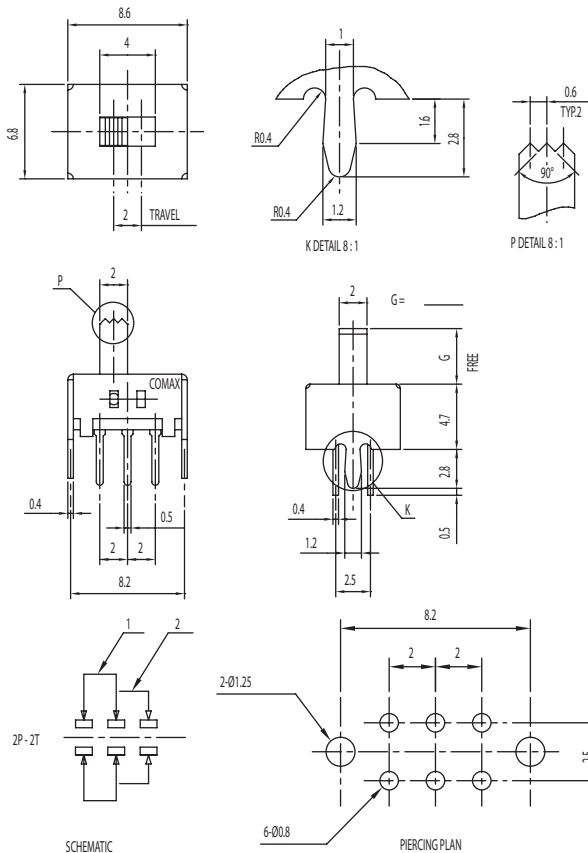
FRAME: SPCC

CONTACT: Silver clad

TERMINAL: Silver plated

SS Series Miniature Slide Switches

SS-22D07-VG S DPDT 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

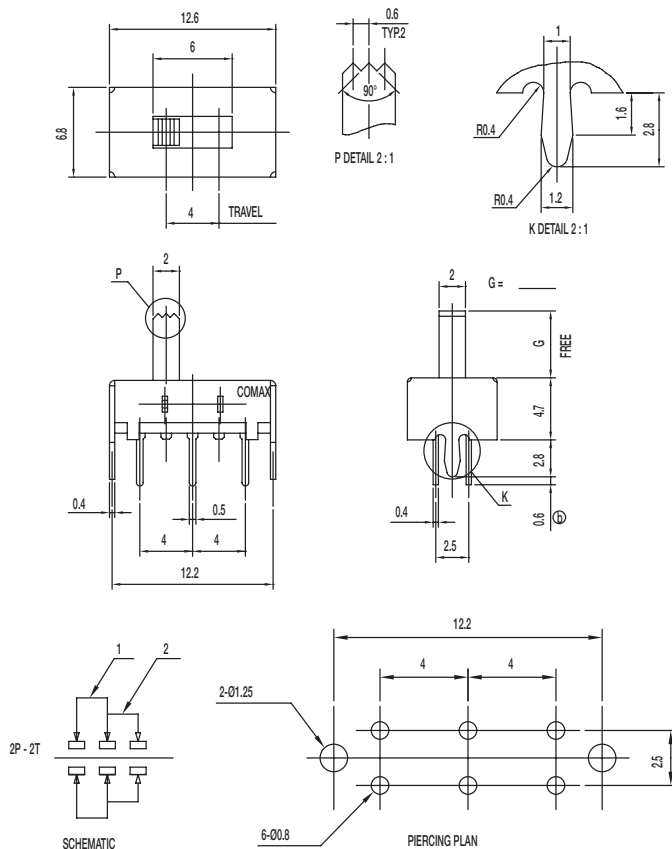
KNOB: POM

FRAME: SPCC

CONTACT: Silver clad

TERMINAL: Silver plated

SS-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: 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

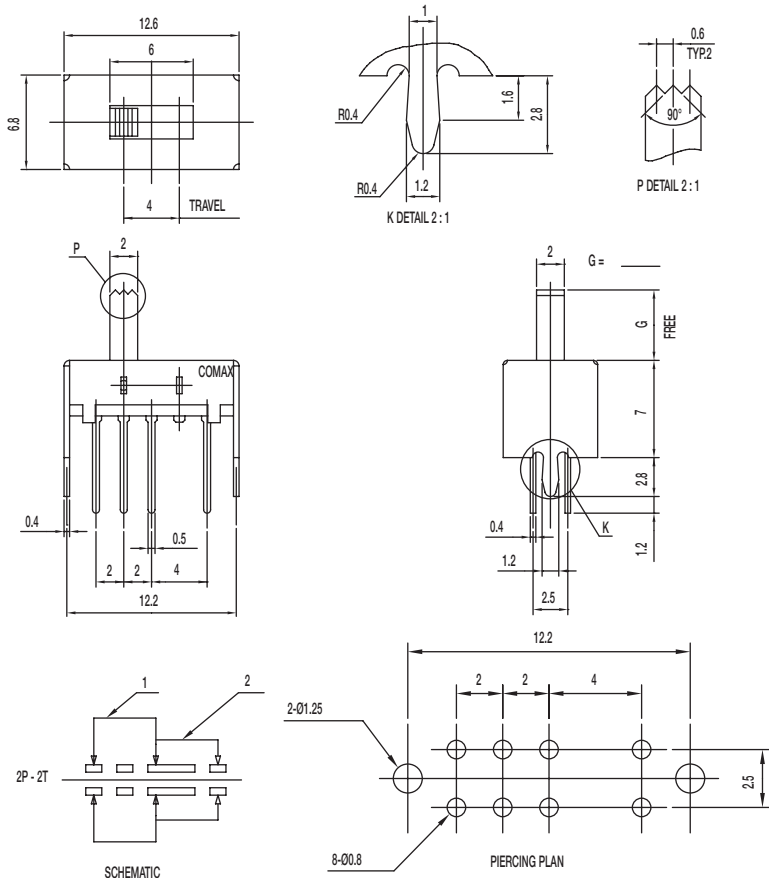
TERMINAL: Silver plated

SS Series Miniature Slide Switches

SS-22H16-G DPDT NON-SHORTING



Slide



Specifications

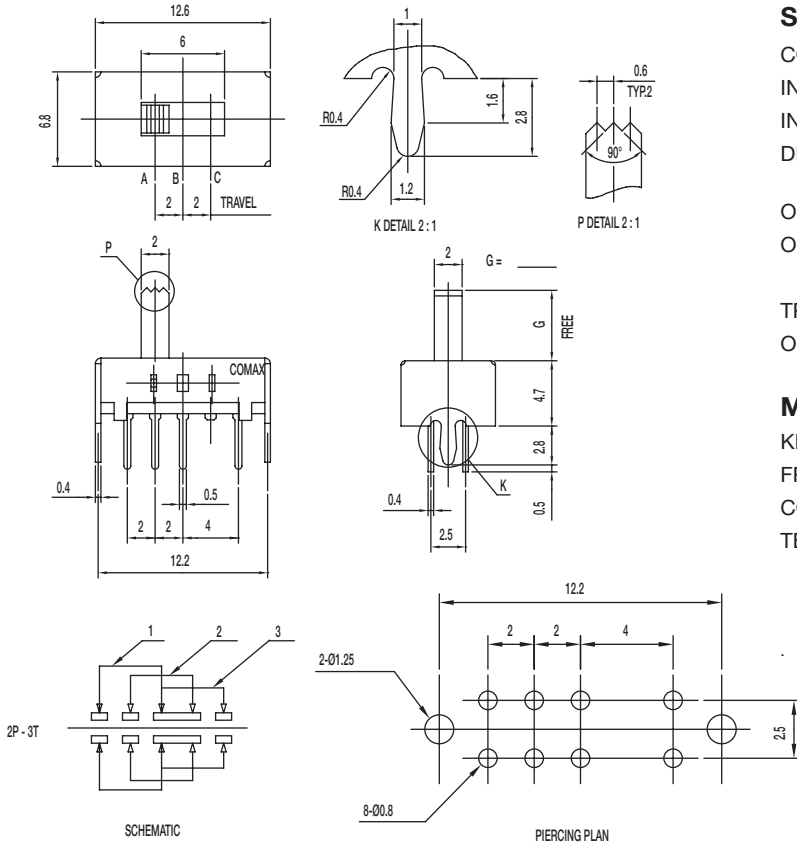
CONTACT RATING: 0.3A @ 30 VDC
 INITIAL CONTACT RESISTANCE: 30 m ohms max.
 INSULATION RESISTANCE: 100 M ohms min.
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.
 OPERATING LIFE: 10,000 cycles with load
 OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)
 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-23D07-G PA 2P3T NON-SHORTING



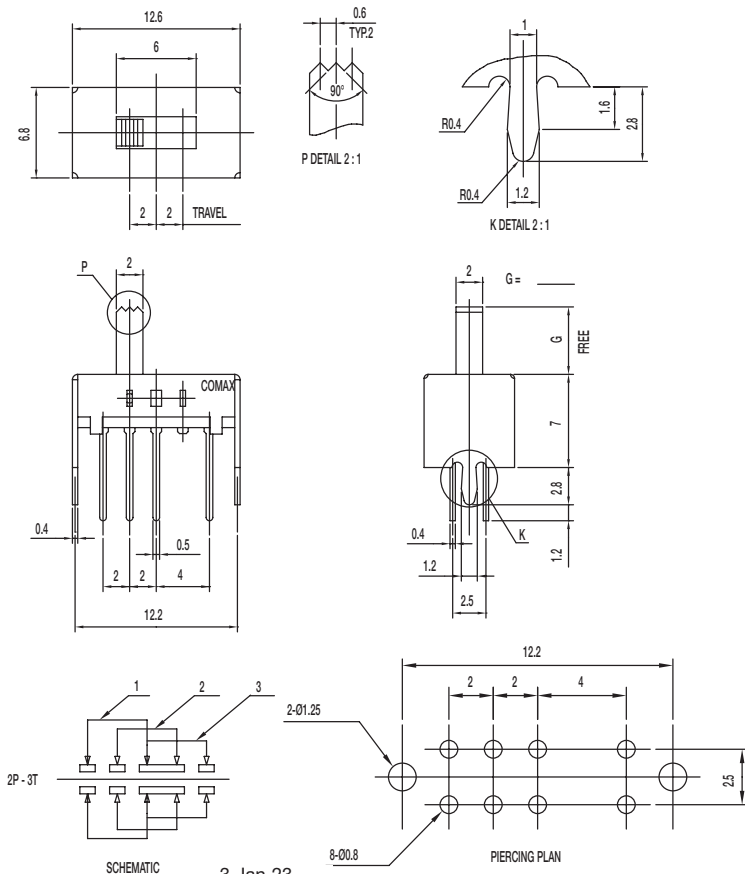
Specifications

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: 250 ± 150 gf (2.45 ± 1.47 N)
 300 ± 150 gf (2.94 ± 1.47 N)
 TRAVEL: 2 ± 0.3 mm
 OPERATING TEMPERATURE: -20°C to 80°C

Materials

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

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: 150 ± 50 gf (1.47 ± 0.49 N)
 200 ± 100 gf (1.96 ± 0.98 N)
 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: Inches (mm)
 Specifications and dimensions subject to change

3 Jan 23

Slide



2P4T



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

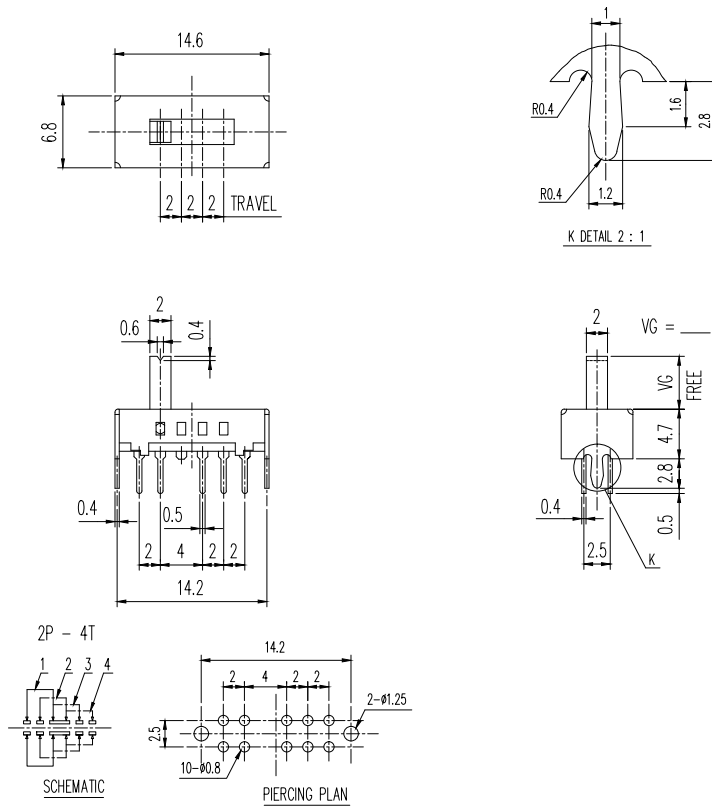
KNOB: POM
 FRAME: SPCC
 CONTACT: Silver clad
 TERMINAL: Silver plated

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

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 ± 0.98 N)

TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

Materials

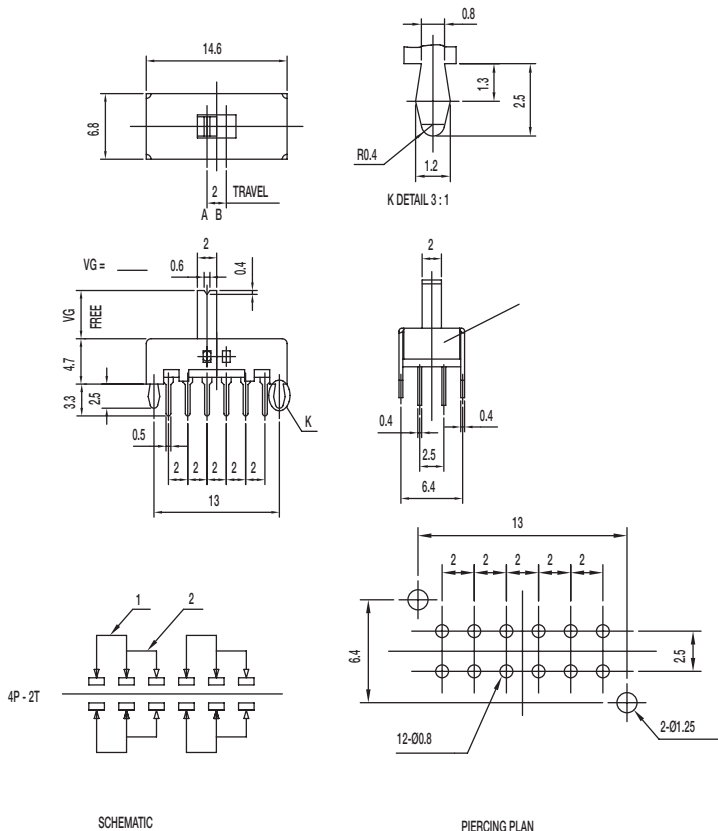
KNOB: PA

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 ± 0.98 N)

TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

Materials

KNOB: POM

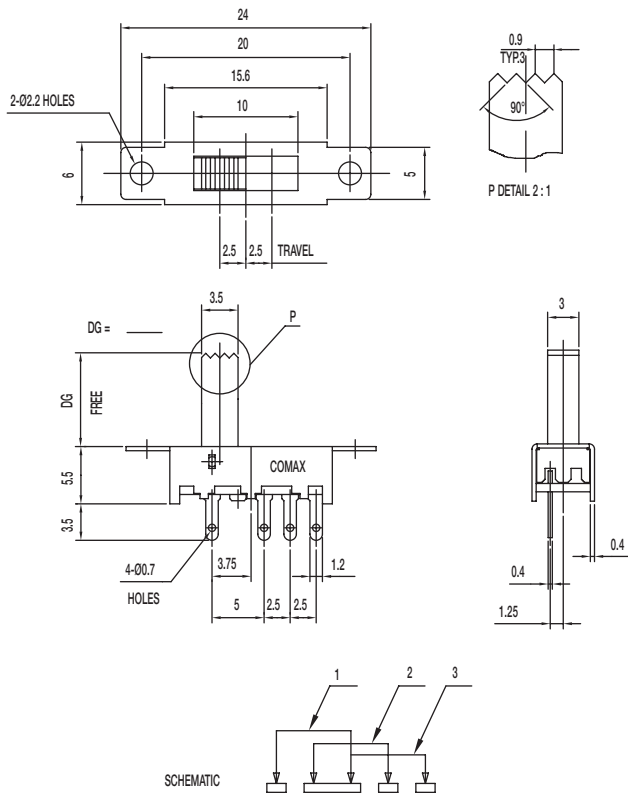
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CONTACT: Silver clad

TERMINAL: Silver plated

SS Series Miniature Slide Switches

SS-13E08-DG 1P3T



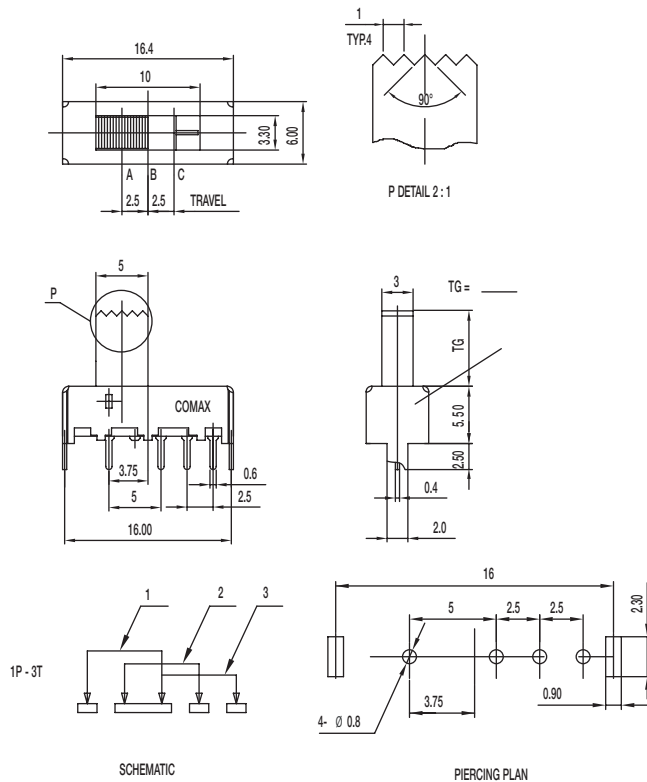
Specifications

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 ± 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

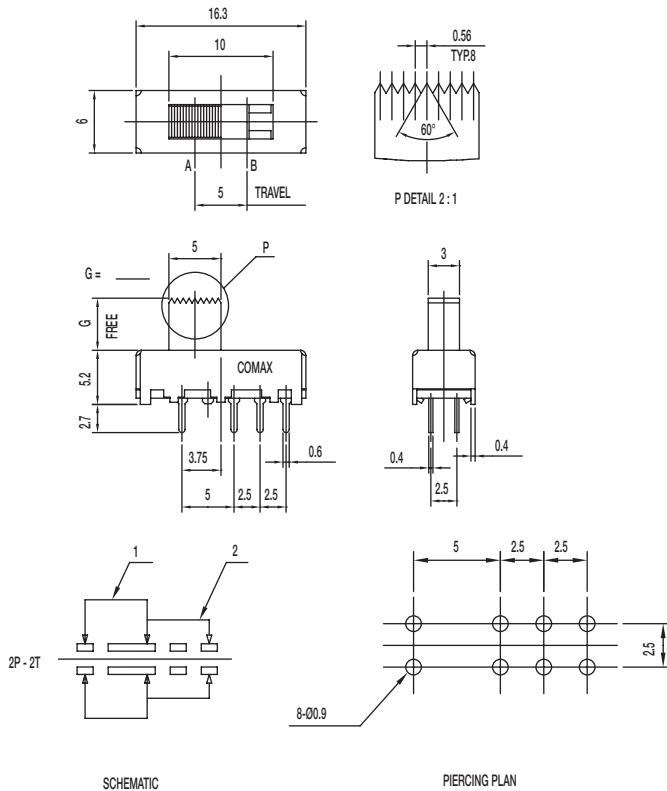
CONTACT RATING: 0.3A @ 30 VDC
 INITIAL CONTACT RESISTANCE: 30 m ohms max.
 INSULATION RESISTANCE: 100 M ohms min.
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.
 OPERATING LIFE: 10,000 cycles with load
 OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)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

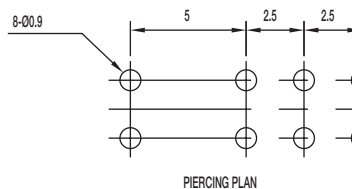
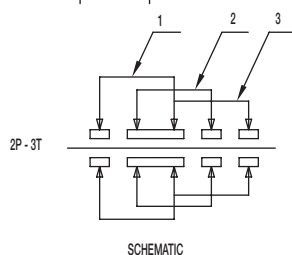
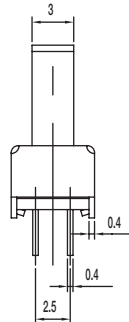
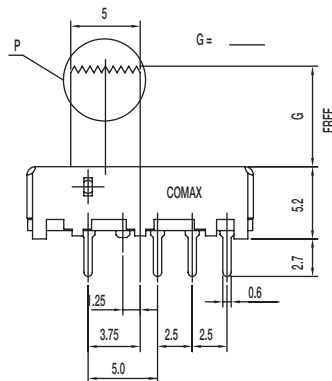
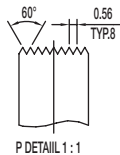
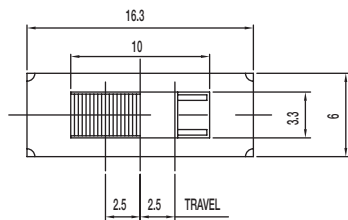
TERMINAL: Silver plated



Slide

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 ± 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

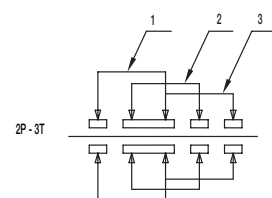
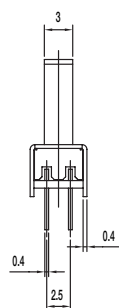
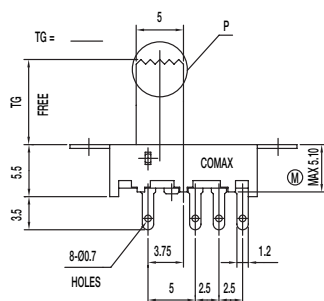
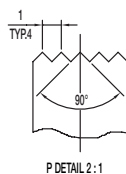
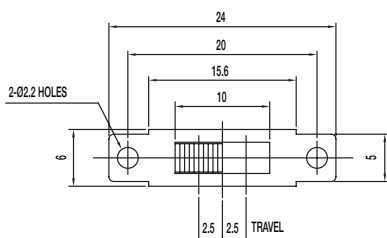
KNOB: POM

FRAME: SPCC

CONTACT: Silver clad

TERMINAL: Silver plated

SS-23E08-TG 2P3T



SCHEMATIC

TG=6.8,9mm Max 5.10mm

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 80°C

Materials

KNOB: POM

FRAME: SPCC

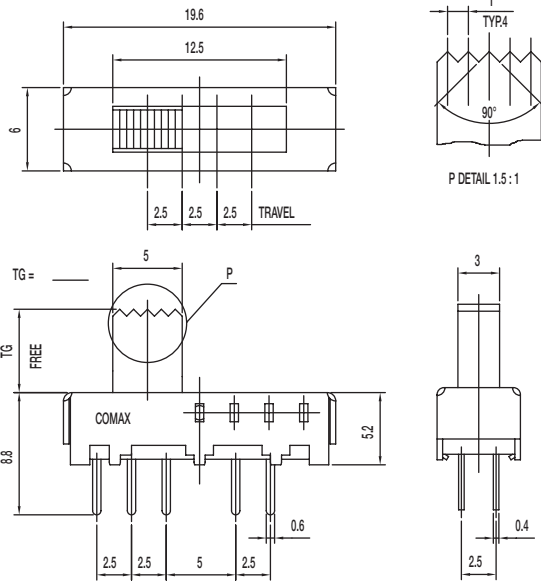
CONTACT: Silver clad

TERMINAL: Silver plated

Dimensions are shown: Inch (mm)
Specifications and dimensions subject to change

SS Series Miniature Slide Switches

SS-24E06-TG 2P4T SHORTING

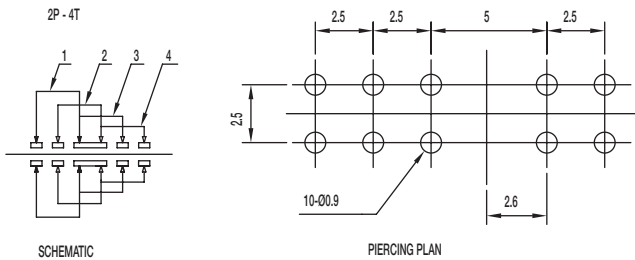


Specifications

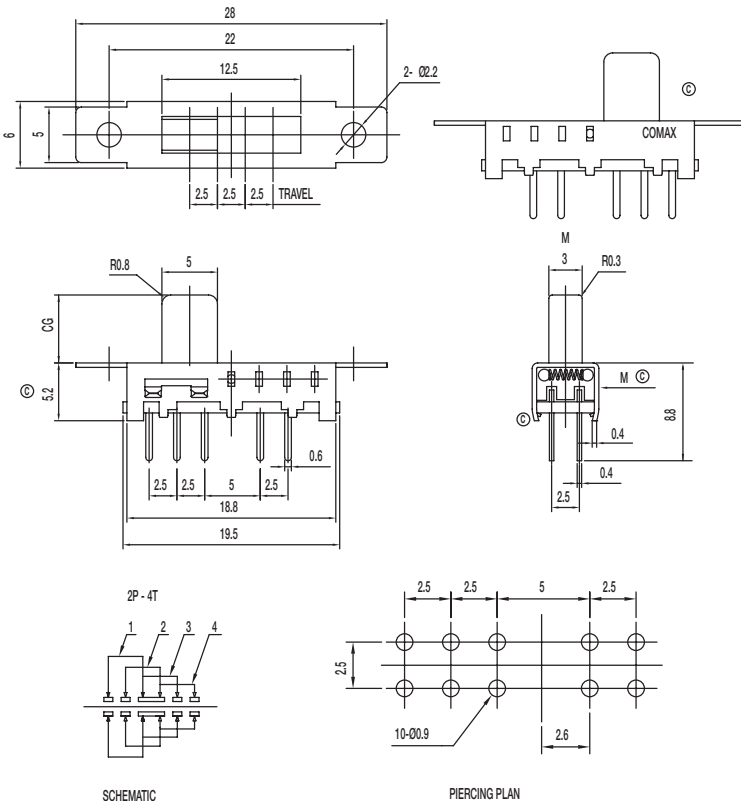
CONTACT RATING: 0.3A @ 30 VDC
 INITIAL CONTACT RESISTANCE: 30 m ohms max.
 INSULATION RESISTANCE: 100 M ohms min.
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.
 OPERATING LIFE: 10,000 cycles with load
 OPERATING FORCE: 250 ± 100 gf (2.45 ± 0.98N)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

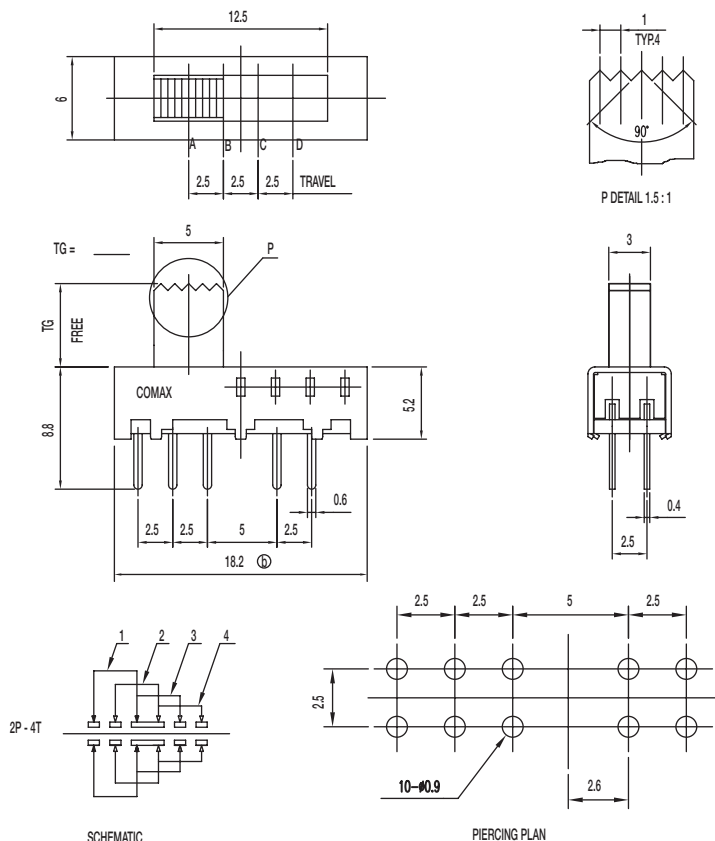
CONTACT RATING: 0.3A @ 30 VDC
 INITIAL CONTACT RESISTANCE: 30 m ohms max.
 INSULATION RESISTANCE: 100 M ohms min.
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.
 OPERATING LIFE: 10,000 cycles with load
 OPERATING FORCE: 250 ± 100 gf (2.45 ± 0.98N)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



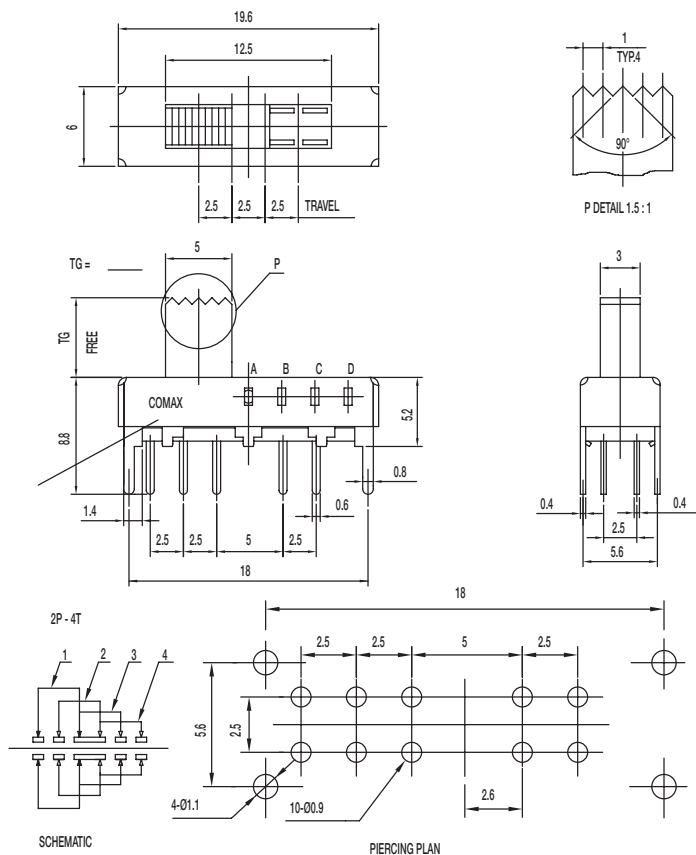
Specifications

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 ± 100 gf (2.45 ± 0.98 N)
 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-24E10-TG 2P4T



Specifications

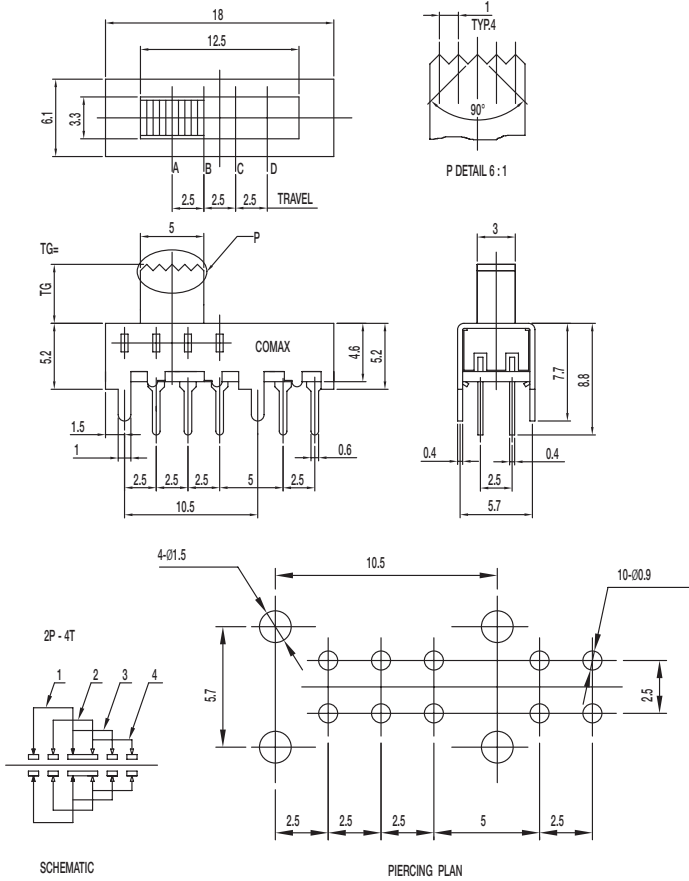
CONTACT RATING: 0.3A @ 30 VDC
 INITIAL CONTACT RESISTANCE: 30 m ohms max.
 INSULATION RESISTANCE: 100 M ohms min.
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.
 OPERATING LIFE: 10,000 cycles with load
 OPERATING FORCE: 250 ± 100 gf (2.45 ± 0.98 N)
 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-24E19-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 ± 100 gf (2.45 ± 0.98N)

TRAVEL: 2.5 ± 0.3 mm

OPERATING TEMPERATURE: -10°C to 60°C

Materials

KNOB: POM

FRAME: SPCC

CONTACT: Silver clad

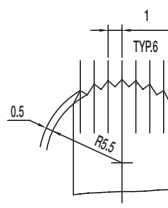
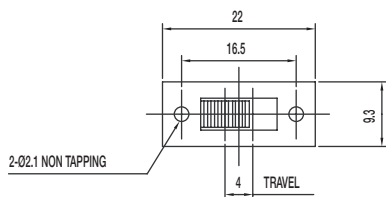
TERMINAL: Silver plated



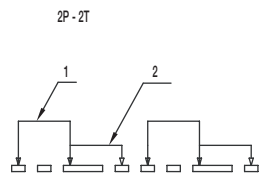
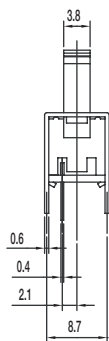
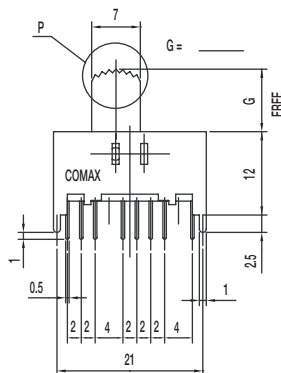
Slide

SS Series Miniature Slide Switches

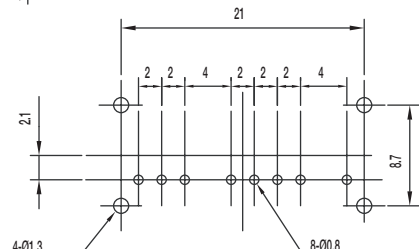
SS-22H18-G DPDT NON-SHORTING



P DETAIL 2:1



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 ± 0.98 N)

TRAVEL: 4 ± 0.3 mm

OPERATING TEMPERATURE: -10°C to 60°C

Materials

KNOB: POM

FRAME: SPCC

CONTACT: Silver clad

TERMINAL: Silver plated

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 ± 0.98 N)

300 ± 150 gf (2.94 ± 1.47 N)

TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

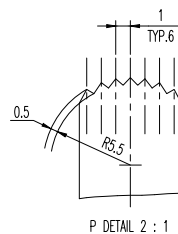
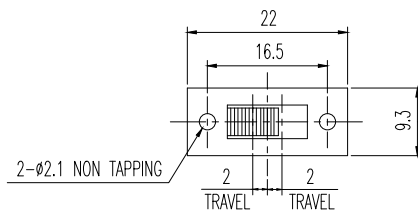
Materials

KNOB: POM

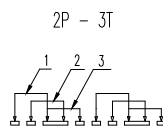
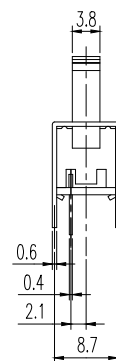
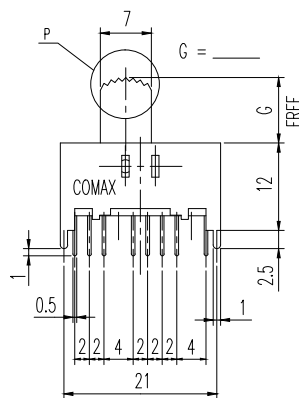
FRAME: SPCC

CONTACT: Silver clad

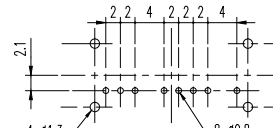
TERMINAL: Silver plated



P DETAIL 2:1



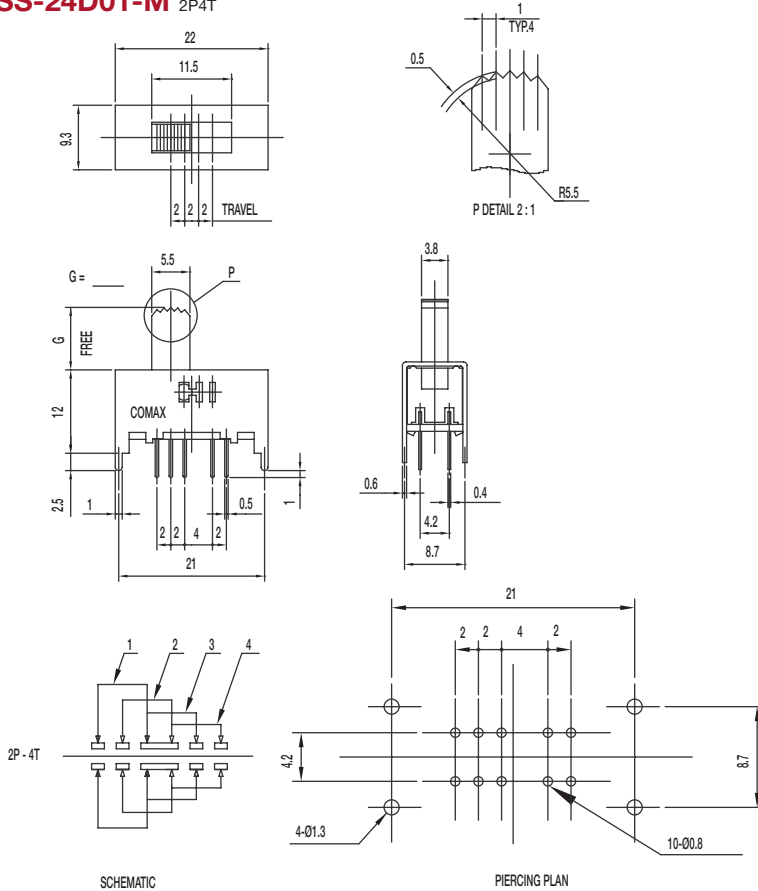
SCHEMATIC



PIERCING PLAN

SS Series Miniature Slide Switches

SS-24D01-M 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: 200 ± 100 gf (1.96 ± 0.98N)

300 ± 100 gf (2.94 ± 0.98N); 450 ± 150 gf (4.41 ± 1.47N)

TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

Materials

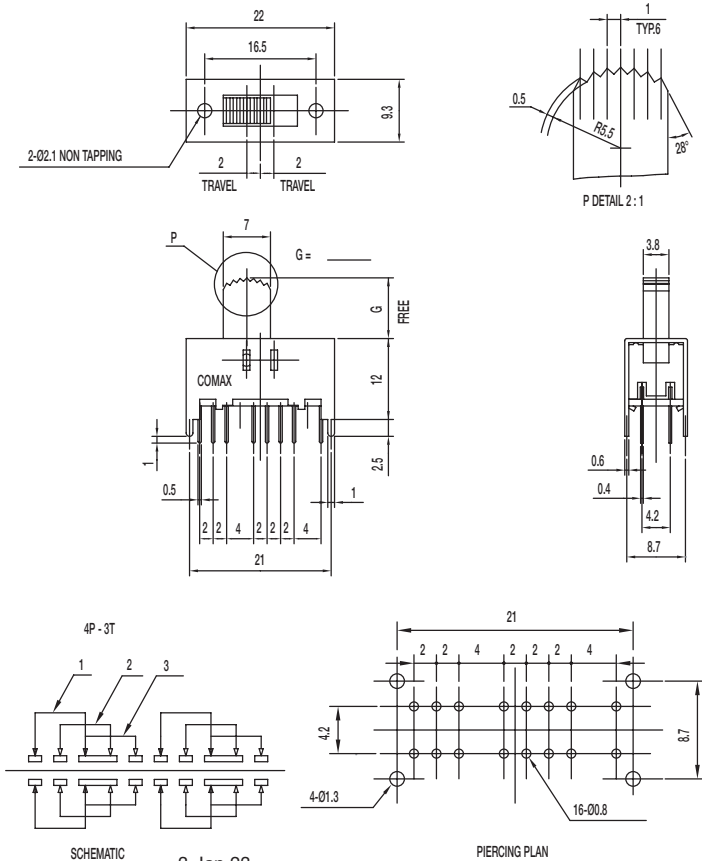
KNOB: POM

FRAME: SPCC

CONTACT: Silver clad

TERMINAL: Silver plated

SS-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)

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

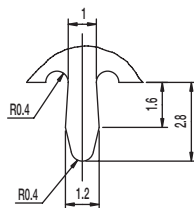
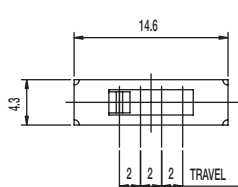
Dimensions are shown: Inches (mm)
Specifications and dimensions subject to change



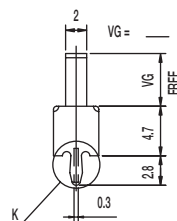
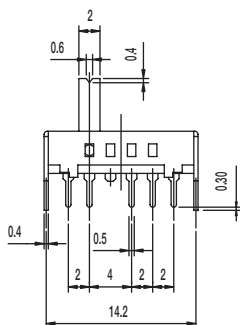
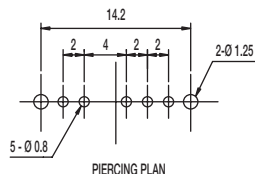
Slide

SS Series Miniature Slide Switches

SS-14D0839-VG 5 PA 1P4T



K DETAIL 2:1



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 ± 100 gf (2.45 ± 0.98 N)

TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

Materials

Knob: PA

Frame: SPCC

Contact: Silver clad

Terminal: Silver plated