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

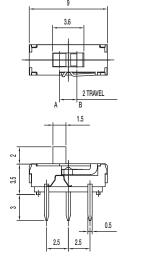
- Consumer electronics
- Computer peripherals
- Telecommunication
- Audio & visual equipment
- Medical
- Automotive

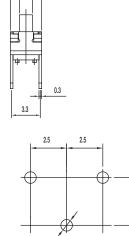




Slide

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





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SCHEMATIC

PIERCING PLAN

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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

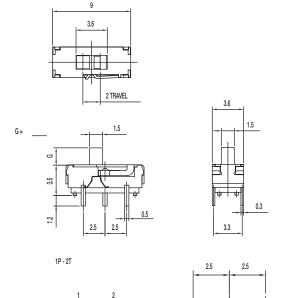
Materials

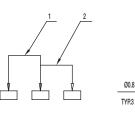
KNOB: PA COVER: SUS HOUSING: PA CONTACT: Silver clad TERMINAL: Silver plated



1P - 2T

SS-12D1505-G 1P2T NON-SHORTING







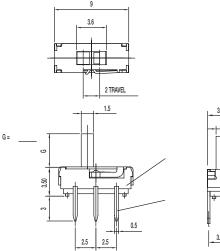
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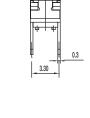
SCHEMATIC

Slide

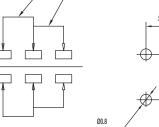
PIERCING PLAN

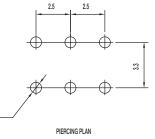
SS-22D0205-G DPDT NON-SHORTING





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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**

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

7 Sep 20

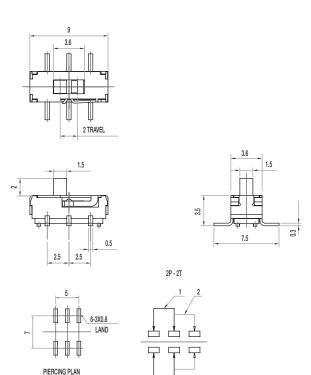
SCHEMATIC

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2P - 2T

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



SCHEMATIC

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Ø290

100

Ø330

Ø75

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TYP6

TOTAL 900PCS PER REEL

Ø9!

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

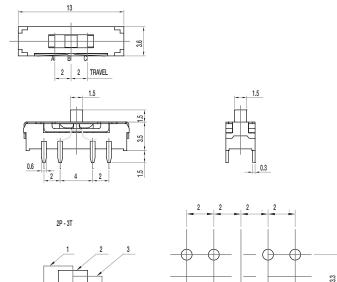
Materials

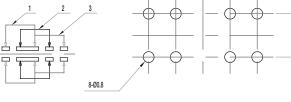
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7 Sep 20

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



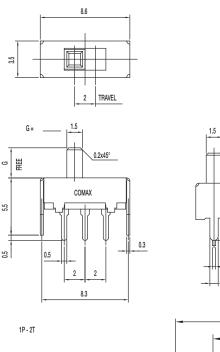


SCHEMATIC

Slide

PIERCING PLAN

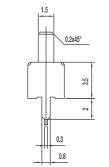
SS-12D01-G E NS 1P2T NON-SHORTING

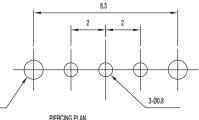




SCHEMATIC









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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

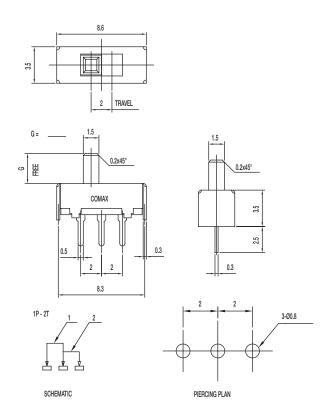
Specifications

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-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

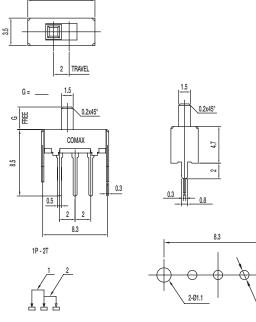


www.ckswitches.com

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

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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**

Specifications

TRAVEL: 2 ± 0.3 mm

TERMINAL: Silver plated

Materials

KNOB: POM

FRAME: SPTE CONTACT: Silver clad

CONTACT RATING: 0.3A @ 30 VDC

INITIAL CONTACT RESISTANCE: 30 m ohms max.

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

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

INSULATION RESISTANCE: 100 M ohms min.

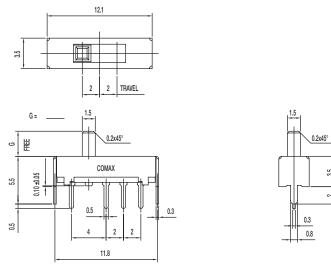
OPERATING LIFE: 10,000 cycles with load

OPERATING TEMPERATURE: -20°C to 70°C

 $250 \pm 100 \text{ gf} (2.47 \pm 0.98 \text{N})$

SS-13D01-G 1P3T

SCHEMATIC



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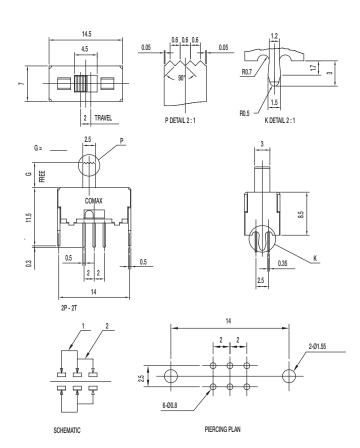
PIERCING PLAN

PIERCING PLAN

SCHEMATIC

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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

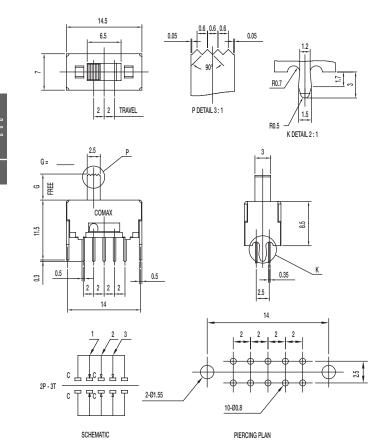
Materials

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

Specifications and dimensions subject to change

Dimensions are shown: Inches (mm)

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



P DETAIL 2:1

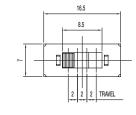
Specifications

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 with load OPERATING FORCE: 200 \pm 100 gf (1.96 \pm 0.98N) 300 \pm 150 gf (2.94 \pm 1.47N) TRAVEL: 2 \pm 0.3 mm OPERATING TEMPERATURE: -20°C to 70°C

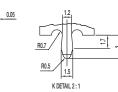
Materials

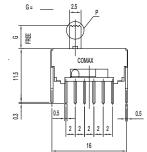
KNOB: POM FRAME: SPCC CONTACT: Silver clad TERMINAL: Silver plated

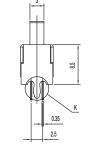
SS-24D28-G NS 2P4T NON-SHORTING



Slide

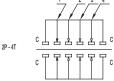






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PIERCING PLAN





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7 Sep 20

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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) 250 \pm 100 gf (2.45 \pm 0.98N); 300 \pm 100 gf (2.94 \pm 0.98N) TRAVEL: 2 \pm 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

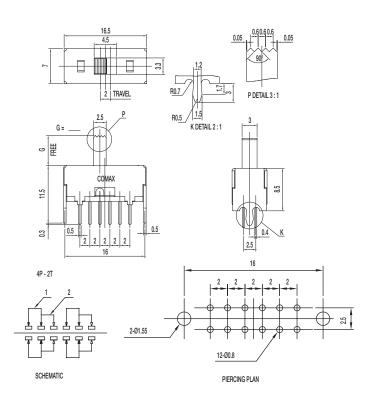
Materials

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

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

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



Specifications

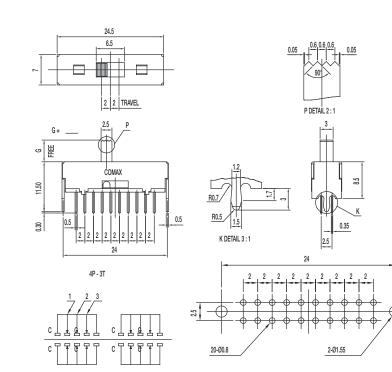
CONTACT RATING: 0.3A @ 30 VDC
INITIAL CONTACT RESISTANCE: 30 m ohms max.
INSULATION RESISTANCE: 100 M ohms min.
DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.
OPERATING LIFE: 10,000 cycles with load
OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)
TRAVEL: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

Slide

Materials

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

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



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 \pm 100 gf (1.96 \pm 0.98N) 300 \pm 150 gf (2.94 \pm 1.47N) TRAVEL: 2 \pm 0.3 mm OPERATING TEMPERATURE: -20°C to 70°C

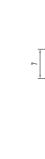
Materials

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

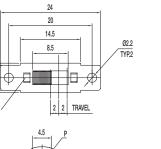
SCHEMATIC

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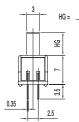
SS-23D33-HG NS 2P3T NON-SHORTING



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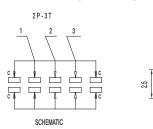


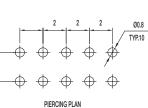
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P DETAIL 2:1

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Specifications

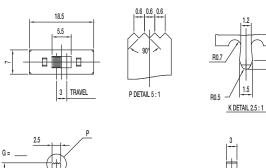
CONTACT RATING: 0.3A @ 30 VDC INITIAL CONTACT RESISTANCE: 30 m ohms max. INSULATION RESISTANCE: 100 M ohms min. DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal. OPERATING LIFE: 10,000 cycles with load OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N) 300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

Materials

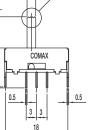
KNOB: POM FRAME: SPCC CONTACT: Silver clad TERMINAL: Silver plated

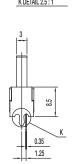


SS-12F28-G NS 1P2T NON-SHORTING



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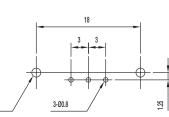
1P - 2T

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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

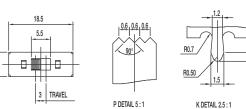
Slide

Materials

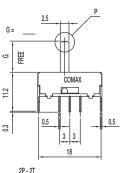
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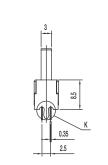


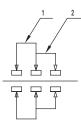
SS-22F28-G S DPDT SHORTING

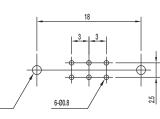


Slide –









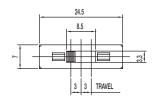
PIERCING PLAN

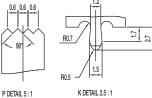
SCHEMATIC

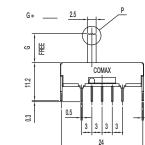
SS-23F28-G 6 NS 2P3T NON-SHORTING

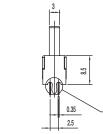
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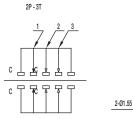
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PIERCING PLAN

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Specifications

1

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

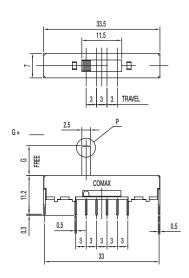
KNOB: POM FRAME: SPCC CONTACT: Silver clad TERMINAL: Silver plated

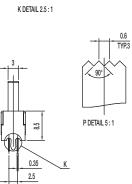
> Dimensions are shown: Inch (mm) Specifications and dimensions subject to change

SCHEMATIC

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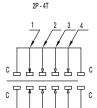
SS-24F28-G 2P4T NON-SHORTING

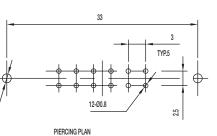




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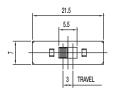


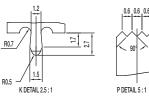


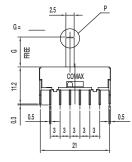
SS-42F28-G NS 4P2T NON-SHORTING

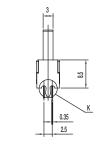
SCHEMATIC

2-01.55

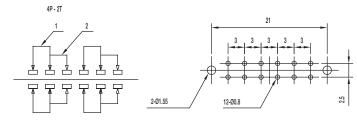








PIERCING PLAN





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) $250 \pm 100 \text{ gf} (2.45 \pm 0.98 \text{N})$ 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: 200 ± 100 gf (1.96 ± 0.98N) TRAVEL: 3 ± 0.3 mm OPERATING TEMPERATURE: -20°C to 70°C

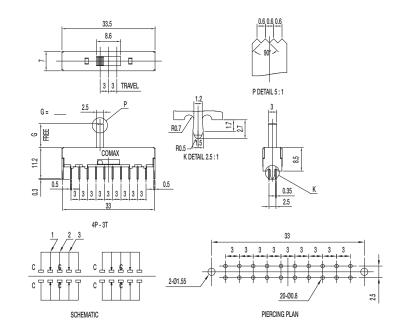
Materials

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

SCHEMATIC

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

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



Specifications

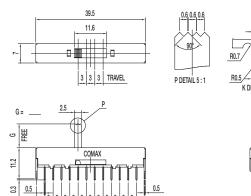
CONTACT RATING: 0.3A @ 30 VDC INITIAL CONTACT RESISTANCE: 30 m ohms max. INSULATION RESISTANCE: 100 M ohms min. DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal. OPERATING LIFE: 10,000 cycles with load OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N) 250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

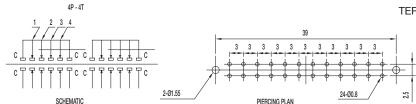
SS-44F28-G NS 4P4T NON-SHORTING

Slide









Specifications

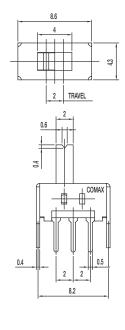
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Materials

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



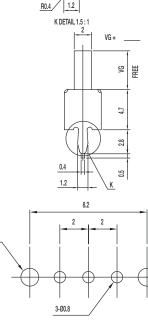
SS-12D07-G NS 1P2T NON-SHORTING





SCHEMATIC

2-Ø1.25



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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



SS-12H26-VG 1P2T NON-SHORTING

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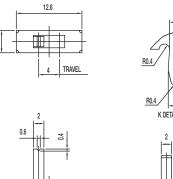
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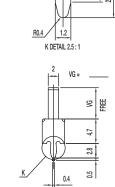
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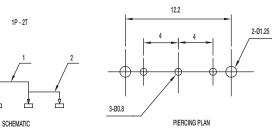
4

Slide





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Specifications

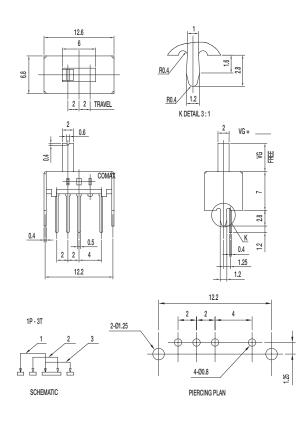
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Materials

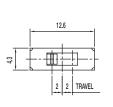
KNOB: POM FRAME: SPCC CONTACT: Silver clad TERMINAL: Silver plated

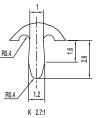


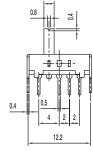
SS-13D08-VG 1P3T

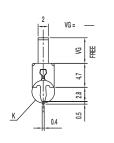


SS-13D16-VG 1P3T









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SCHEMATIC

7 Sep 20

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 \pm 0.49N) 200 ± 100 gf (1.96 \pm 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

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

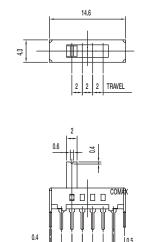
OPERATING TEMPERATURE: -20°C to 70°C

Materials

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

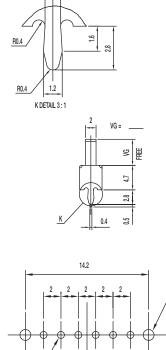
2-Ø1.25

SS-14D01-VG 1P4T



14.2

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: 2 ± 0.3 mm OPERATING TEMPERATURE: -20°C to 70°C

Materials

2-Ø1.25

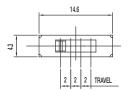
KNOB: POM FRAME: SPCC CONTACT: Silver clad TERMINAL: Silver plated

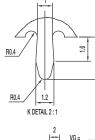
SS-14D07-VG 1P4T

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1P - 4T

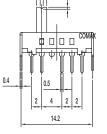
SCHEMATIC

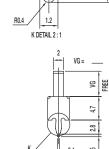


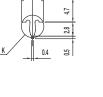


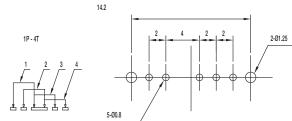
PIERCING PLAN

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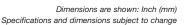
PIERCING PLAN

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

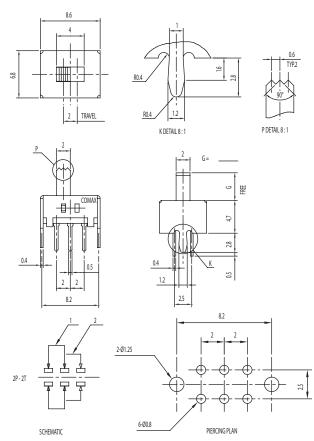
KNOB: POM FRAME: SPCC CONTACT: Silver clad TERMINAL: Silver plated



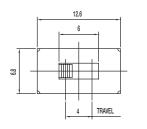
7 Sep 20

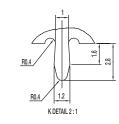
SCHEMATIC

SS-22D07-VG S DPDT SHORTING

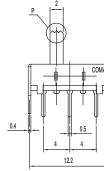


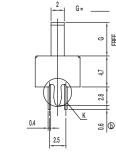
SS-22H08-G DPDT NON-SHORTING





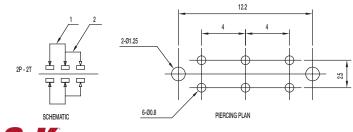
FREE





TYP2

P 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 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

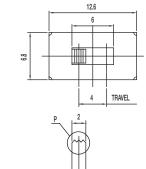
CONTACT RATING: 0.3A @ 30 VDC INITIAL CONTACT RESISTANCE: 30 m ohms max. INSULATION RESISTANCE: 100 M ohms min. DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal. OPERATING LIFE: 10,000 cycles with load OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N) TRAVEL: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

Materials

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



SS-22H16-G DPDT NON-SHORTING



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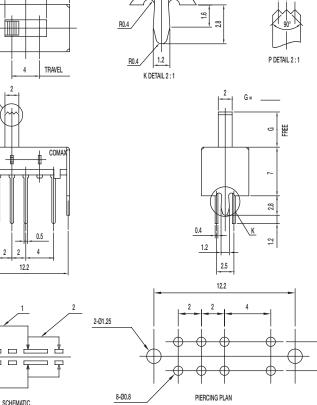
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Slide

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2P - 2T -



Specifications

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TYP.2

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

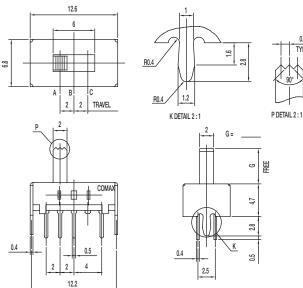
Materials

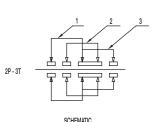
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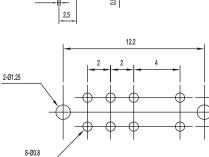
KNOB: POM FRAME: SPCC CONTACT: Silver clad **TERMINAL: Silver plated**



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







PIERCING PLAN

TYP2

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 ± 1.47N)

300 ± 150 gf (2.94 ± 1.47N)

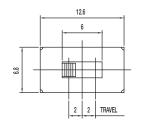
TRAVEL: 2 ± 0.3 mm

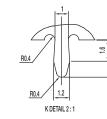
OPERATING TEMPERATURE: -20°C to 80°C

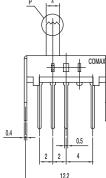
Materials

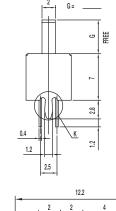
KNOB: PA FRAME: SPCC CONTACT: Silver clad **TERMINAL: Silver plated**

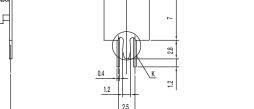
SS-23D08-G 2P3T

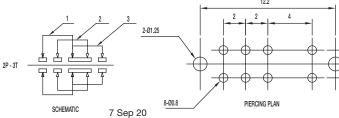












P DETAIL 2:1

Specifications

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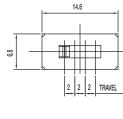
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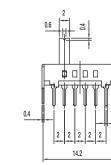
200 ± 100 gf (1.96 ± 0.98N) TRAVEL: 2 ± 0.3 mm OPERATING TEMPERATURE: -20°C to 70°C

Materials

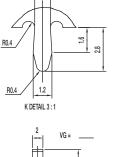
KNOB: POM FRAME: SPCC CONTACT: Silver clad TERMINAL: Silver plated

SS-24D02-VG 2P4T





Slide

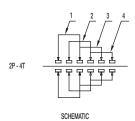


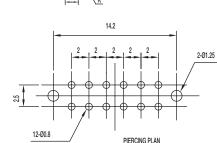


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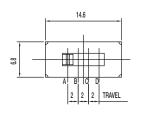
Specifications

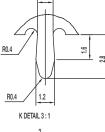
CONTACT RATING: 0.3A @ 30 VDC INITIAL CONTACT RESISTANCE: 30 m ohms max. INSULATION RESISTANCE: 100 M ohms min. DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal. OPERATING LIFE: 10,000 cycles with load OPERATING FORCE: 250 ± 100 gf (2.45 ± 0.98N) TRAVEL: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

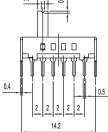
Materials

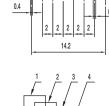
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SS-24D04-VG PA 2P4T

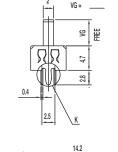


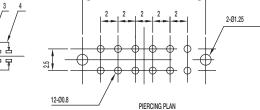






SCHEMATIC





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

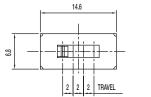
> Dimensions are shown: Inch (mm) Specifications and dimensions subject to change

C&K

2P - 4T

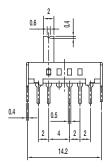
www.ckswitches.com

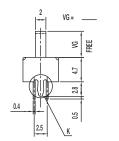
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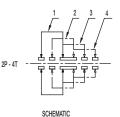


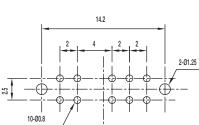


K DETAIL 2 : 1









PIERCING PLAN

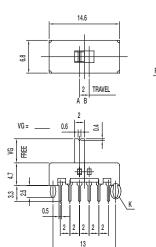
Specifications

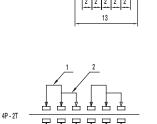
CONTACT RATING: 0.3A @ 30 VDC INITIAL CONTACT RESISTANCE: 30 m ohms max. INSULATION RESISTANCE: 100 M ohms min. DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal. OPERATING LIFE: 10,000 cycles with load OPERATING FORCE: 250 ± 100 gf (2.45 ± 0.98N) TRAVEL: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

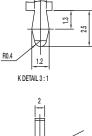
Materials

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

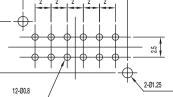
SS-42D07-VG NS 4P2T NON-SHORTING







6.4



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

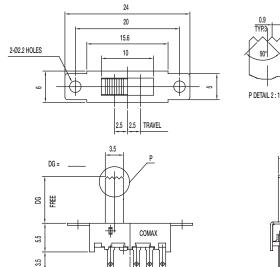


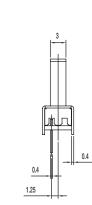


SCHEMATIC

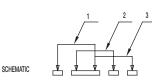
PIERCING PLAN

SS-13E08-DG 1P3T



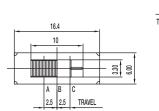


3.75 4-Ø0.7 HOLES

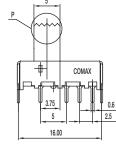


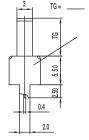
SS-13E29-TG 1P3T

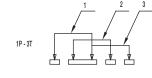
Slide



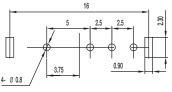








SCHEMATIC



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 (2.45 ± 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

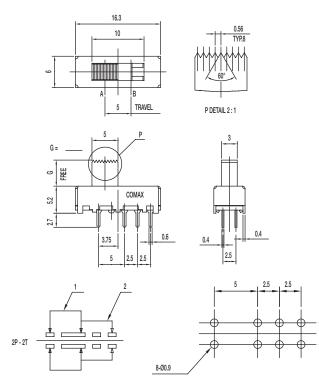
KNOB: POM FRAME: SPCC CONTACT: Silver clad TERMINAL: Silver plated

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

2

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SS-22J08-G DPDT 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: 5 ± 0.3 mm OPERATING TEMPERATURE: -20°C to 70°C

Slide

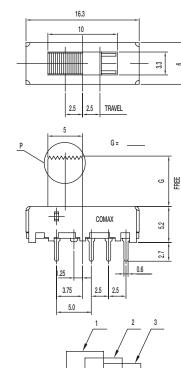
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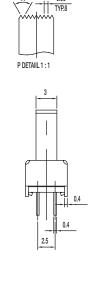
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KNOB: POM FRAME: SPCC CONTACT: Silver clad TERMINAL: Silver plated

SS-23E06-G 2P3T







0.56

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

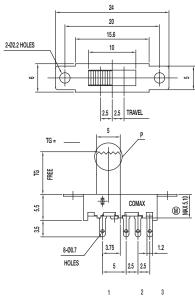
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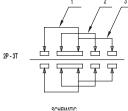
KNOB: POM FRAME: SPCC CONTACT: Silver clad TERMINAL: Silver plated

SS-23E08-TG 2P3T

2P - 3T

SCHEMATIC

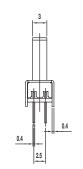






PIERCING PLAN

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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

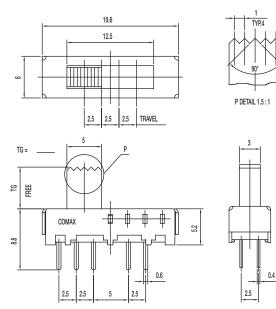
KNOB: POM FRAME: SPCC CONTACT: Silver clad TERMINAL: Silver plated

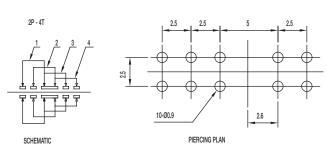
> Dimensions are shown: Inch (mm) Specifications and dimensions subject to change

7 Sep 20

TG=6.8.9mm Max 5.10mm

SS-24E06-TG 2P4T SHORTING





Specifications

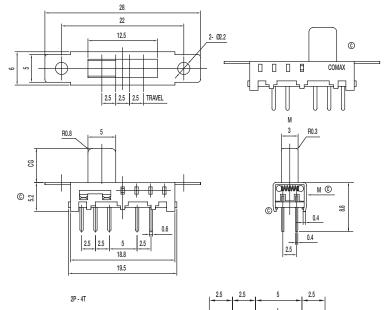
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Materials

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

Slide

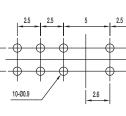
SS-24E08-CG 2P4T



5



SCHEMATIC



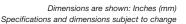
PIERCING PLAN

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: 250 ± 100 gf (2.45 ± 0.98N) TRAVEL: 2.5 ± 0.3 mm OPERATING TEMPERATURE: -20°C to 70°C

Materials

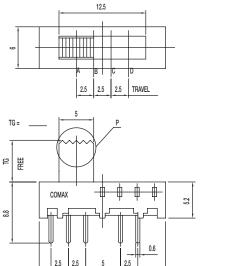
KNOB: POM FRAME: SPCC CONTACT: Silver clad TERMINAL: Silver plated



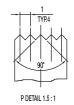
7 Sep 20

SS-24E09-TG 2P4T



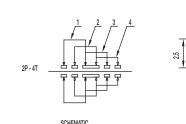


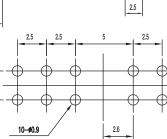
18.2 🛈





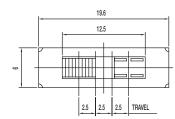






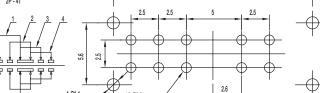
PIERCING PLAN

SS-24E10-TG 2P4T





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TG =
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                  COMAX
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 8.8
                                                                 0.8
                                                      0.6
                                                                                                                      0.4
      1.4
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                   2.5
                          25
                                                                                                          5.6
                                    18
                                                                            18
2P - 4T
                                                                              5
                                                  2.5
                                                             2.5
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PIERCING PLAN

10-Ø0.9



P DETAIL 1.5 : 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 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**

Specifications

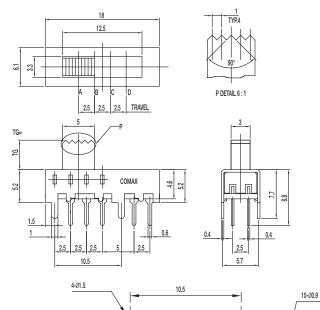
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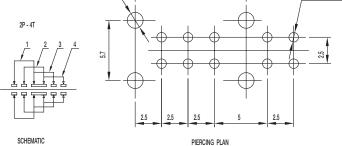
Materials

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



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





SS-22H18-G DPDT NON-SHORTING

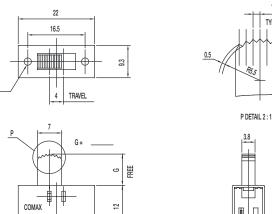
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2-Ø2.1 NON TAPPING

Slide



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4-Ø1.3



TYP.6

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21

PIERCING PLAN

8.7

8-00.8

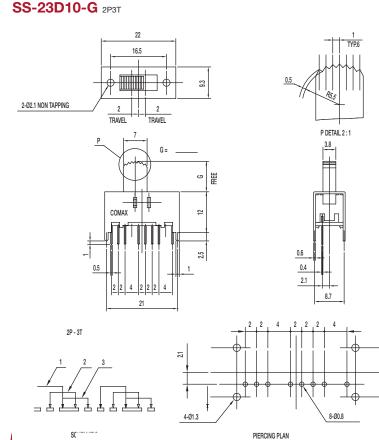
CONTACT RATING: 0.3A @ 30 VDC
INITIAL CONTACT RESISTANCE: 30 m ohms max.
INSULATION RESISTANCE: 100 M ohms min.
DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.
OPERATING LIFE: 10,000 cycles with load
OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)
TRAVEL: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

Materials

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

SCHEMATIC

2P - 2T



7 Sep 20

Specifications

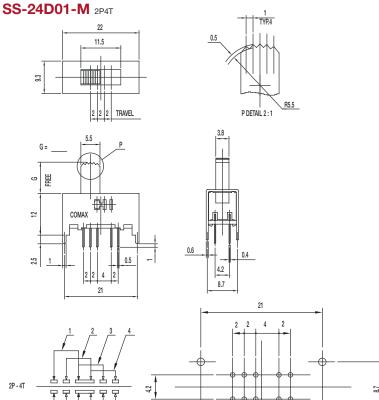
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Materials

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

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

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G =

Specifications

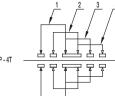
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 $300 \pm 100 \text{ gf} (2.94 \pm 0.98\text{N}); 450 \pm 150 \text{ gf} (4.41 \pm 1.47\text{N})$ TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

Materials

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



SCHEMATIC

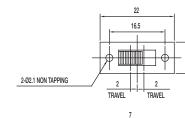
PIERCING PLAN

3

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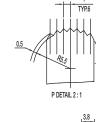
SS-43D01-G 4P3T

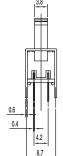


COMAX

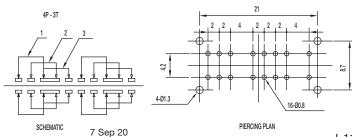
21

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10-Ø0.8



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) 300 ± 150 gf (2.94 ± 1.47N)

TRAVEL: 2 ± 0.3 mm OPERATING TEMPERATURE: -20°C to 70°C

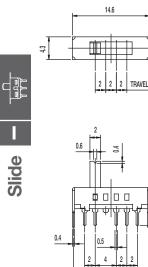
Materials

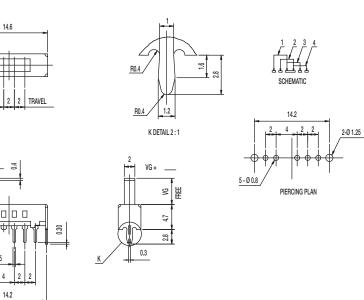
KNOB: POM FRAME: SPCC CONTACT: Silver clad **TERMINAL: Silver plated**

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

Slide

SS-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 $~(2.45 \pm 0.98 \text{N})$ TRAVEL: 2 \pm 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

Materials

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

