

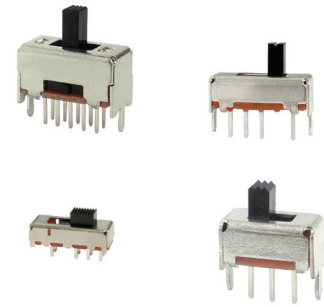
SS Series Miniature Slide Switches

Features/Benefits

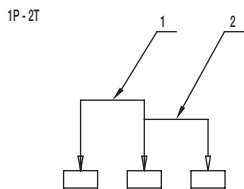
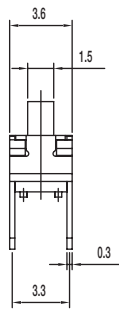
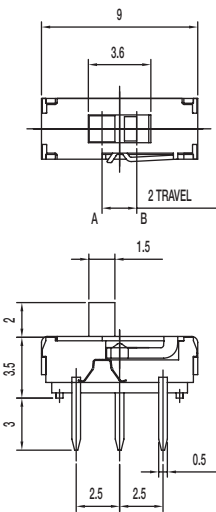
- Broad range of products
- Various circuit design, SPDT, 4P3T, vertical, right angle
- Compact miniature slide switch
- Shorting or non-shorting
- Custom design available

Typical Applications

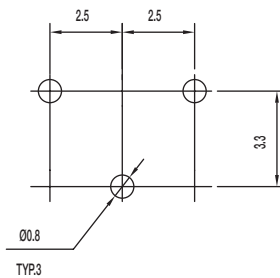
- Consumer electronics
- Computer peripherals
- Telecommunication
- Audio & visual equipment
- Medical
- Automotive



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



SCHEMATIC



PIERCING PLAN

Specifications

CONTACT RATING: 0.3A @ 6 VDC

INITIAL CONTACT RESISTANCE: 70 m ohms max.

INSULATION RESISTANCE: 100 M ohms min.

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

OPERATING LIFE: 10,000 cycles with load

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

TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

Materials

KNOB: PA

COVER: SUS

HOUSING: PA

CONTACT: Silver clad

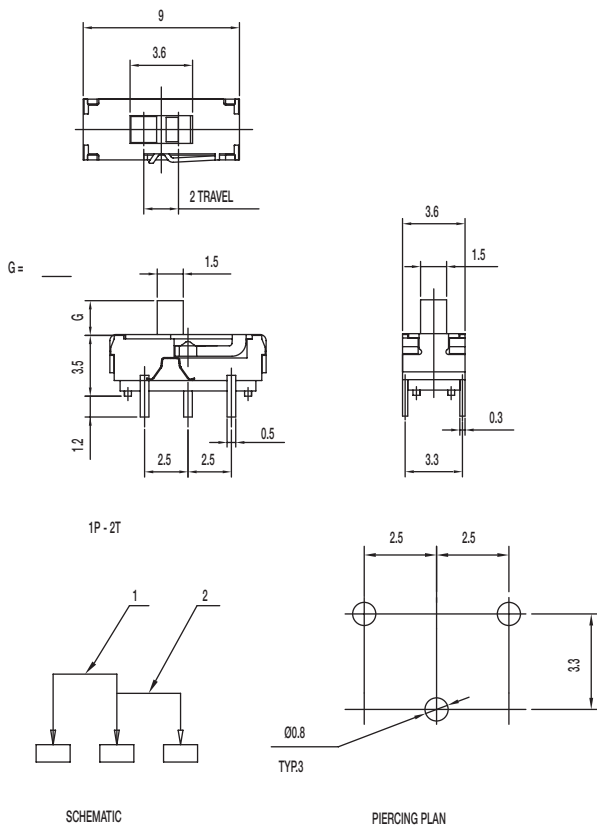
TERMINAL: Silver plated



Slide

SS Series Miniature Slide Switches

SS-12D1505-G 1P2T NON-SHORTING



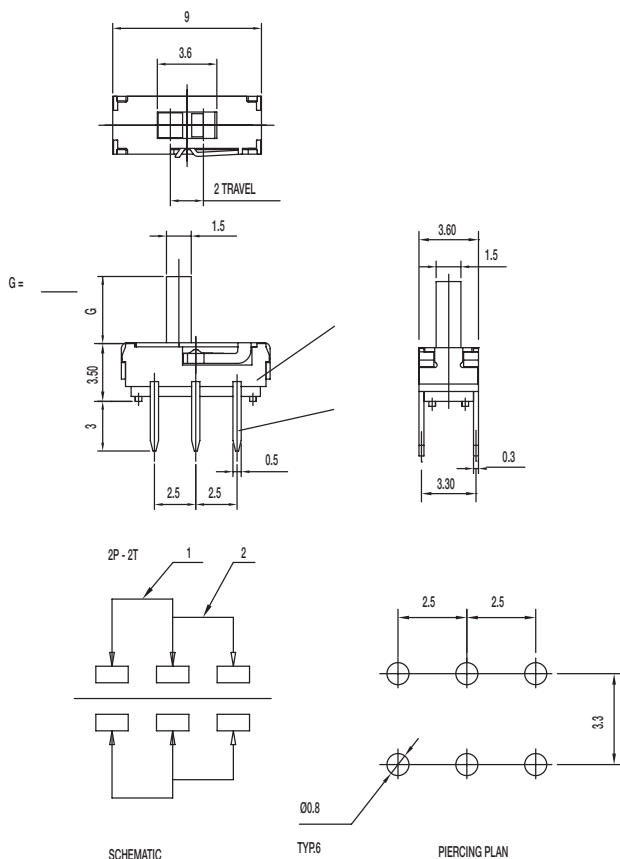
Specifications

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

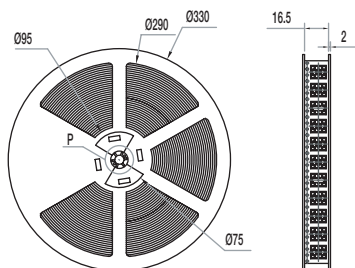
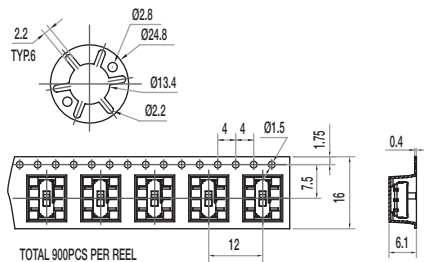
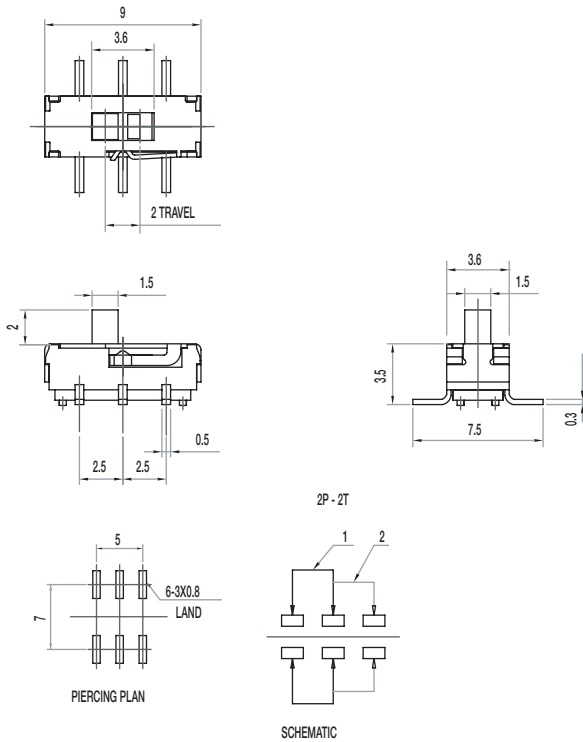
Knob: PA

Cover: SUS

Housing: PA

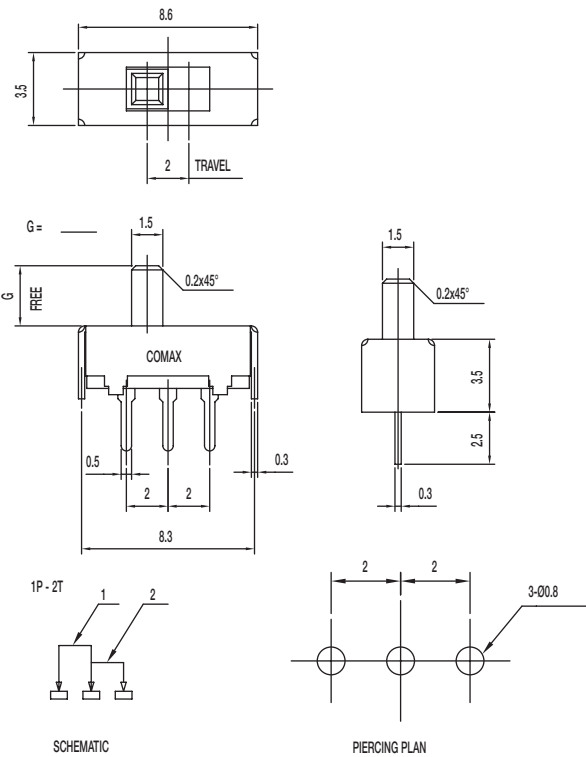
Contact: Silver clad

Terminal: Silver plated



SS Series Miniature Slide Switches

SS-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

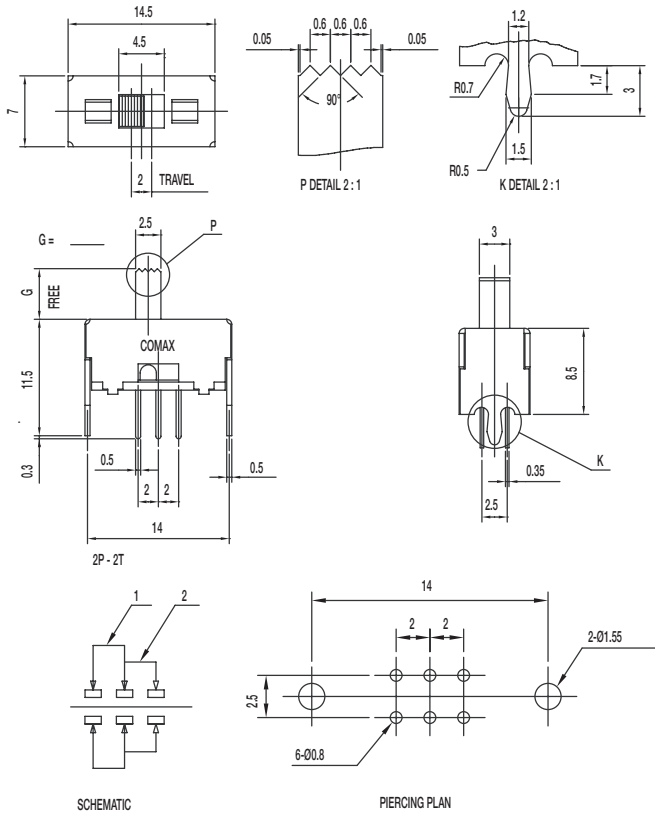


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Slide

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

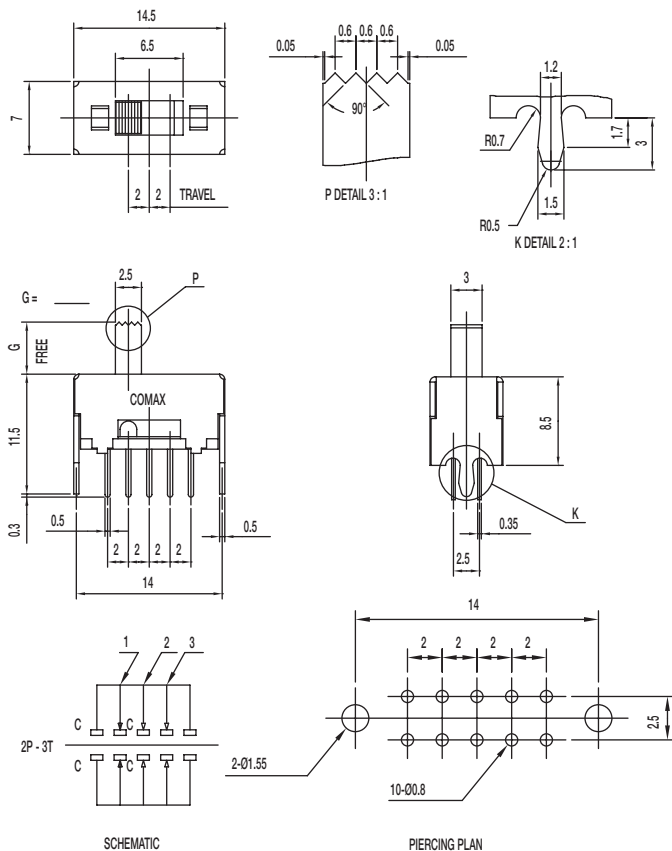
TERMINAL: Silver plated



Slide

SS Series Miniature Slide Switches

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



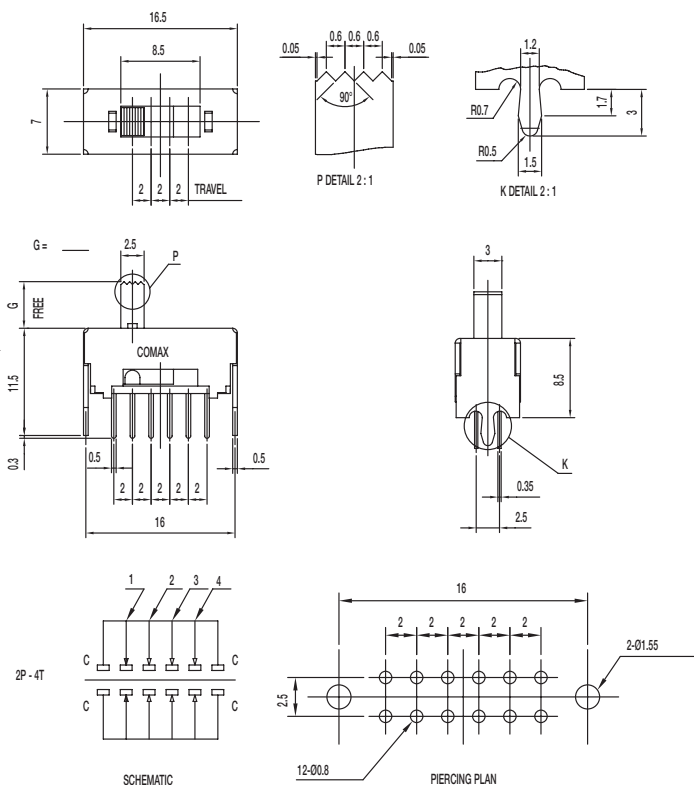
Specifications

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

Materials

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

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



Specifications

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

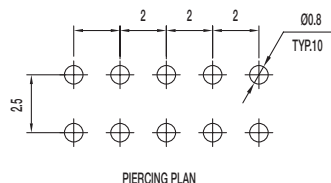
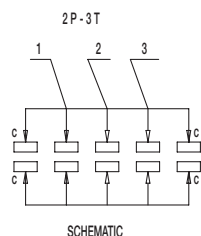
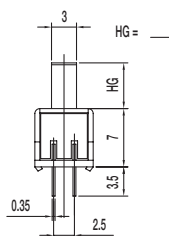
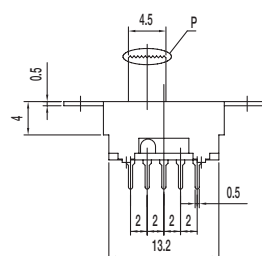
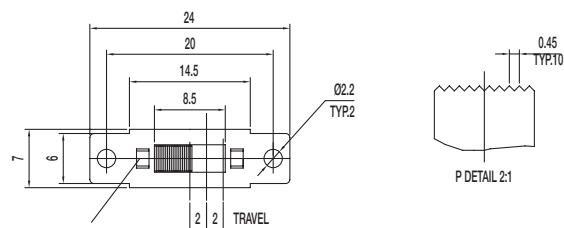
Materials

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 ± 0.98 N)

300 ± 100 gf (2.94 ± 0.98 N)

TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

Materials

KNOB: POM

FRAME: SPCC

CONTACT: Silver clad

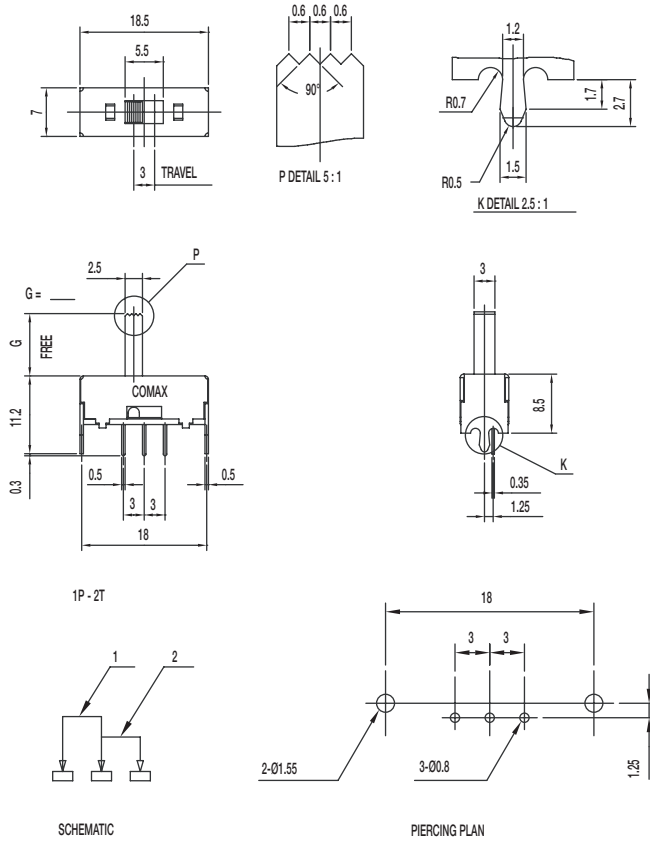
TERMINAL: Silver plated



Slide

SS Series Miniature Slide Switches

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



Specifications

CONTACT RATING: 0.3A @ 30 VDC

INITIAL CONTACT RESISTANCE: 30 m ohms max.

INSULATION RESISTANCE: 100 M ohms min.

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

OPERATING LIFE: 10,000 cycles with load

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

TRAVEL: 3 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

Materials

KNOB: POM

FRAME: SPCC

CONTACT: Silver clad

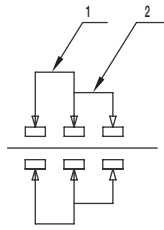
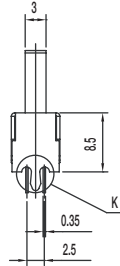
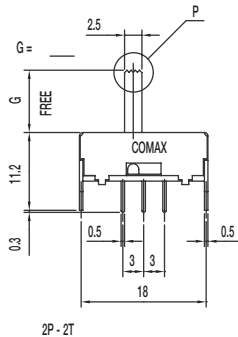
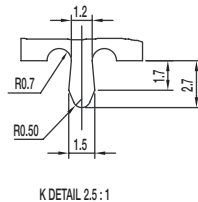
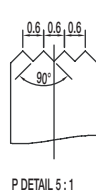
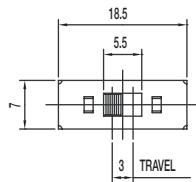
TERMINAL: Silver plated



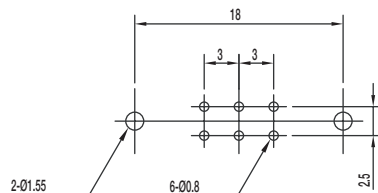
Slide

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

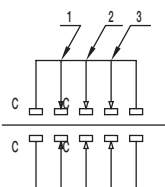
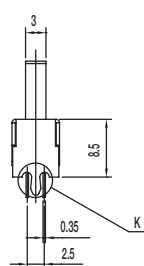
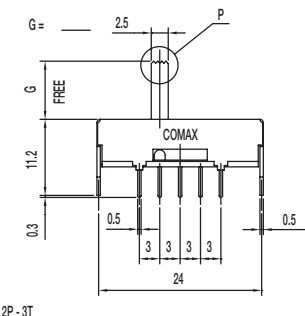
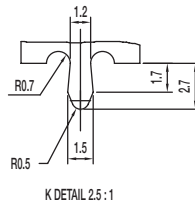
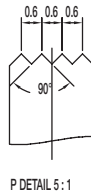
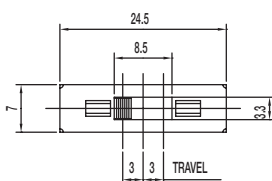
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FRAME: SPCC

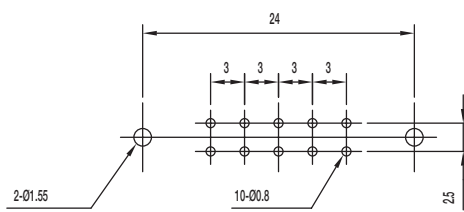
CONTACT: Silver clad

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

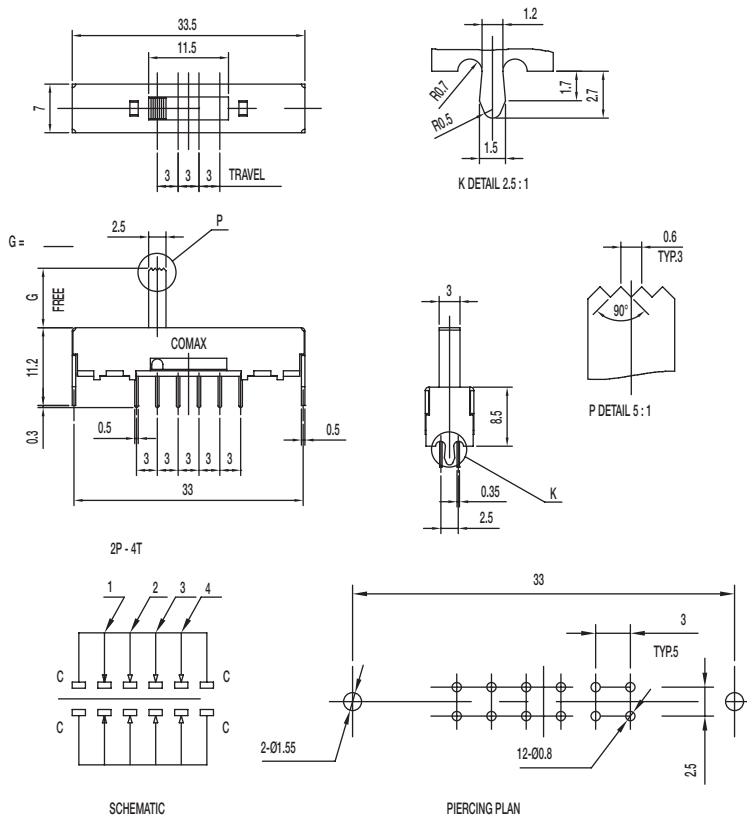
FRAME: SPCC

CONTACT: Silver clad

TERMINAL: Silver plated

SS Series Miniature Slide Switches

SS-24F28-G 2P4T NON-SHORTING



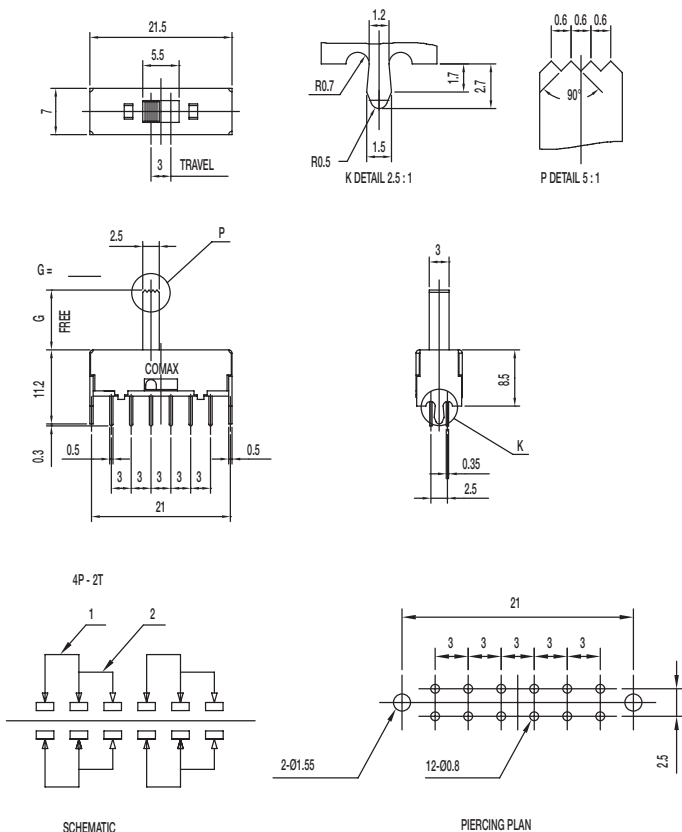
Specifications

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



Slide

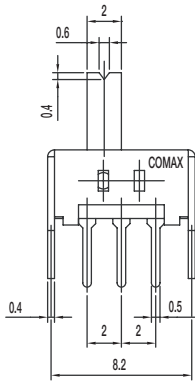
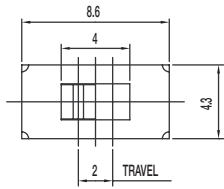
Slide

Slide

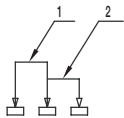
Slide

SS Series Miniature Slide Switches

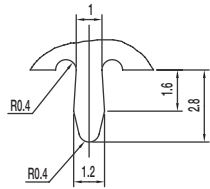
SS-12D07-G NS 1P2T NON-SHORTING



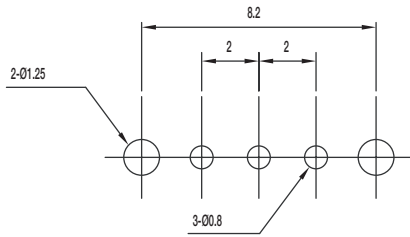
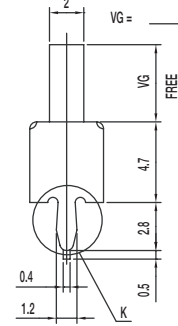
1P - 2T



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

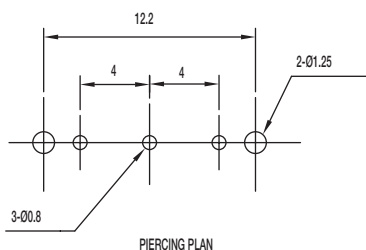
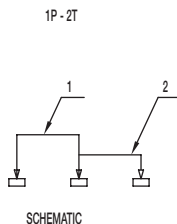
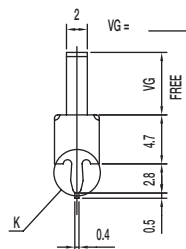
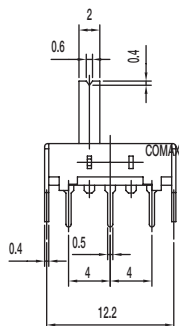
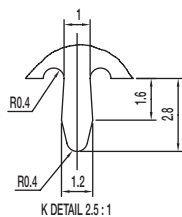
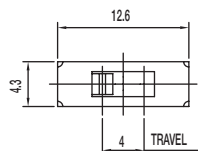
TERMINAL: Silver plated



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

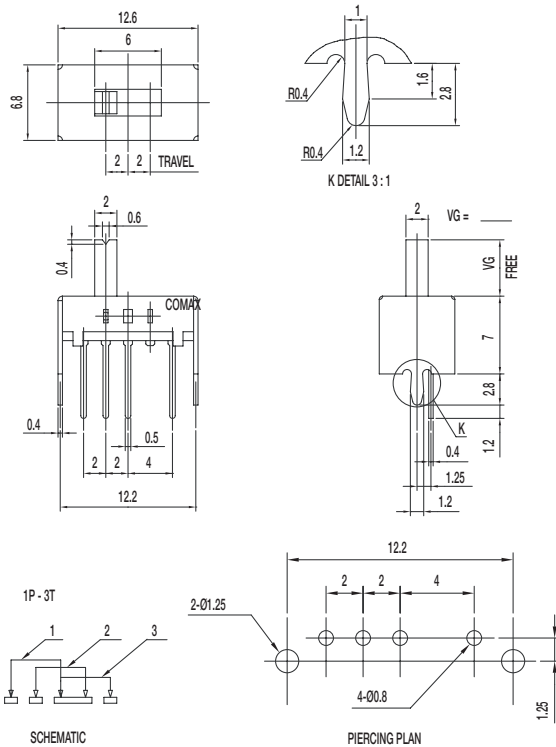
CONTACT: Silver clad

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

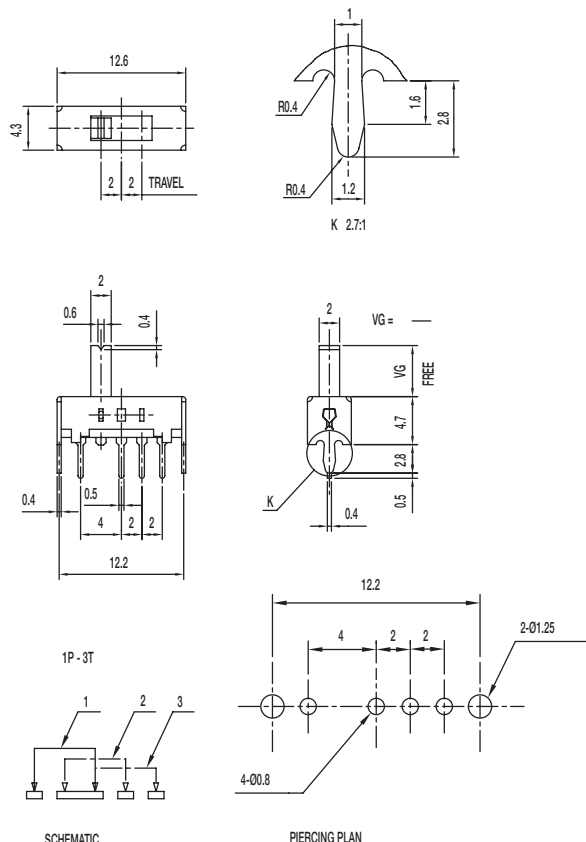
Materials

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



Slide

SS-13D16-VG 1P3T



Specifications

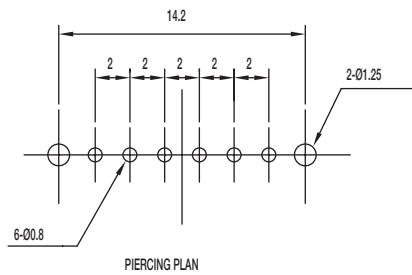
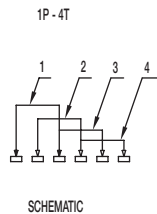
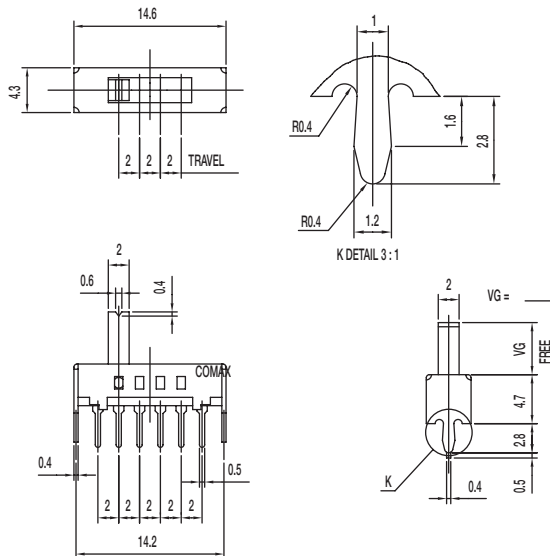
CONTACT RATING: 0.3A @ 30 VDC
 INITIAL CONTACT RESISTANCE: 30 m ohms max.
 INSULATION RESISTANCE: 100 M ohms min.
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.
 OPERATING LIFE: 10,000 cycles with load
 OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)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

TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

Materials

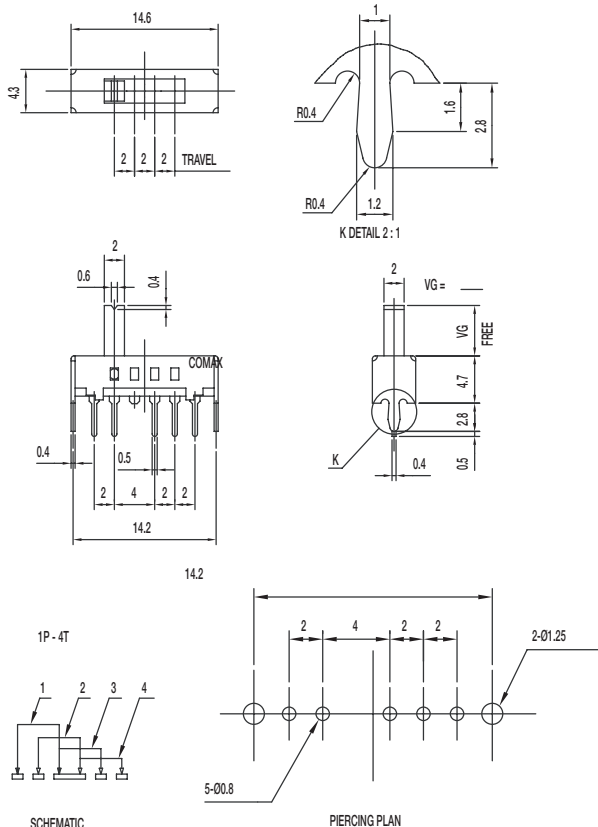
KNOB: POM

FRAME: SPCC

CONTACT: Silver clad

TERMINAL: Silver plated

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 ± 0.98 N)

TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

Materials

KNOB: POM

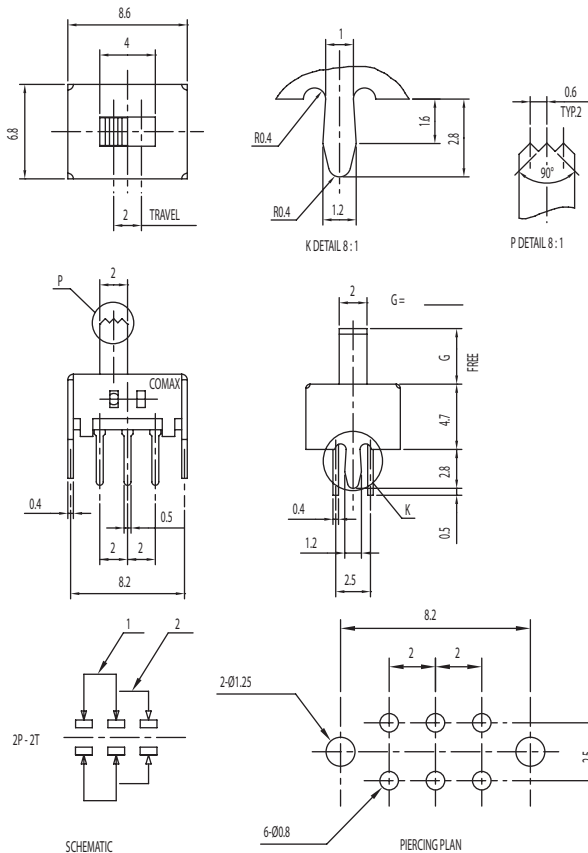
FRAME: SPCC

CONTACT: Silver clad

TERMINAL: Silver plated

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 ± 0.98 N)

TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

Materials

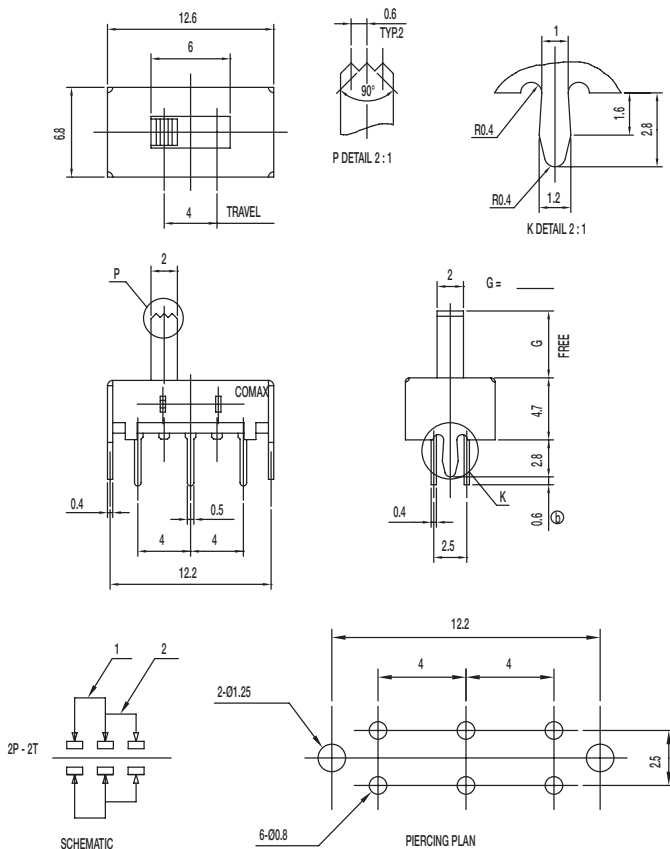
KNOB: POM

FRAME: SPCC

CONTACT: Silver clad

TERMINAL: Silver plated

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 ± 0.98 N)

TRAVEL: 4 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

Materials

KNOB: POM

FRAME: SPCC

CONTACT: Silver clad

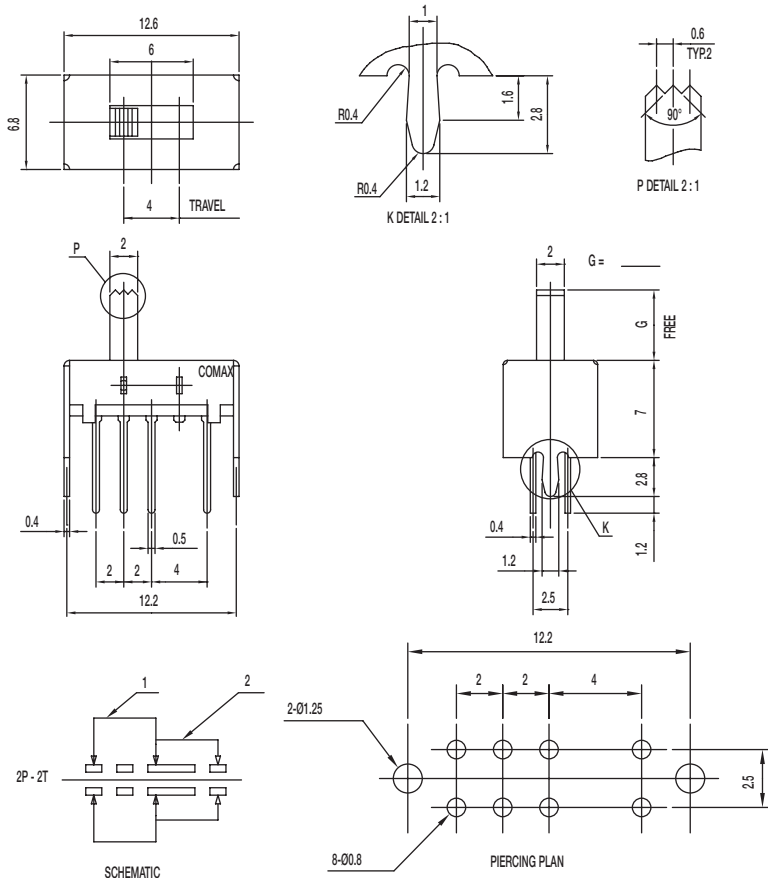
TERMINAL: Silver plated

SS Series Miniature Slide Switches

SS-22H16-G DPDT NON-SHORTING



Slide



Specifications

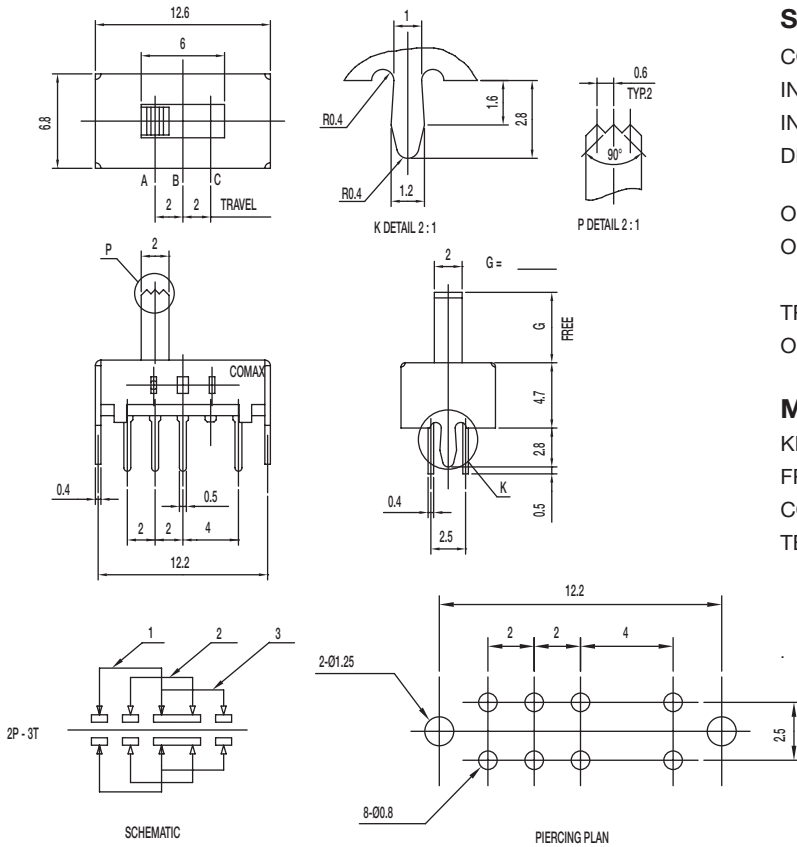
CONTACT RATING: 0.3A @ 30 VDC
 INITIAL CONTACT RESISTANCE: 30 m ohms max.
 INSULATION RESISTANCE: 100 M ohms min.
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.
 OPERATING LIFE: 10,000 cycles with load
 OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)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



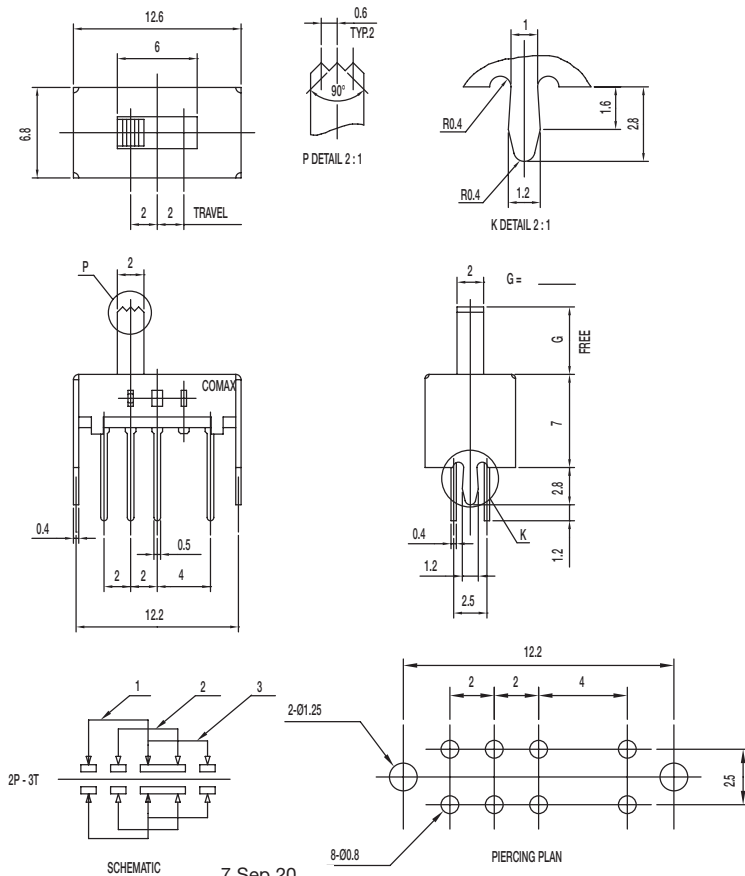
Specifications

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 ± 1.47N)
 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



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)
 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



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

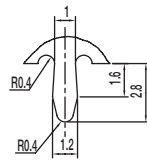
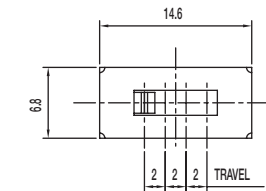
KNOB: POM
 FRAME: SPCC
 CONTACT: Silver clad
 TERMINAL: Silver plated

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

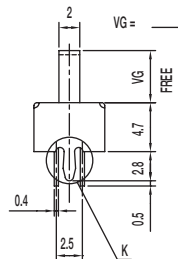
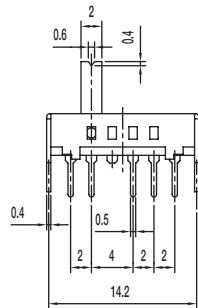
KNOB: PA
 FRAME: SPCC
 CONTACT: Silver clad
 TERMINAL: Silver plated

SS Series Miniature Slide Switches

SS-24D07-VG PA 2P4T



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 with load

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

TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

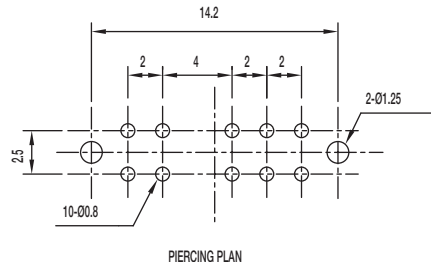
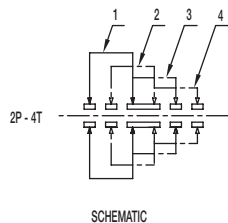
Materials

KNOB: PA

FRAME: SPCC

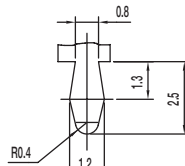
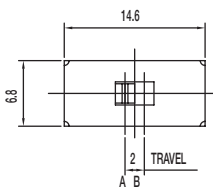
CONTACT: Silver clad

TERMINAL: Silver plated

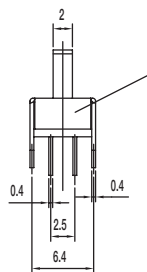
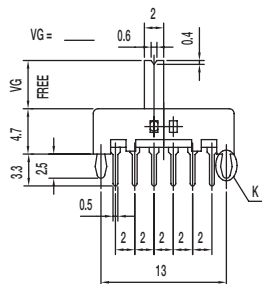


PIERCING PLAN

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



K DETAIL 3:1



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 ± 0.98 N)

TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

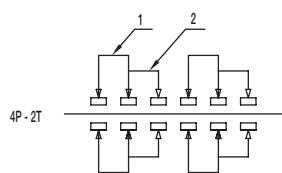
Materials

KNOB: POM

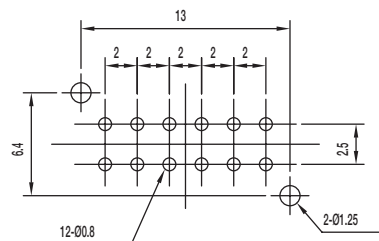
FRAME: SPCC

CONTACT: Silver clad

TERMINAL: Silver plated



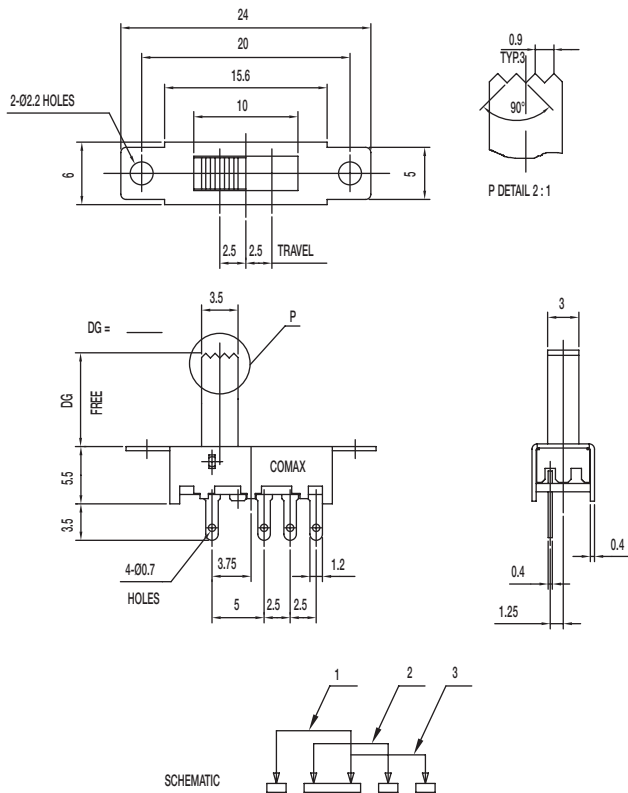
SCHEMATIC



PIERCING PLAN

SS Series Miniature Slide Switches

SS-13E08-DG 1P3T



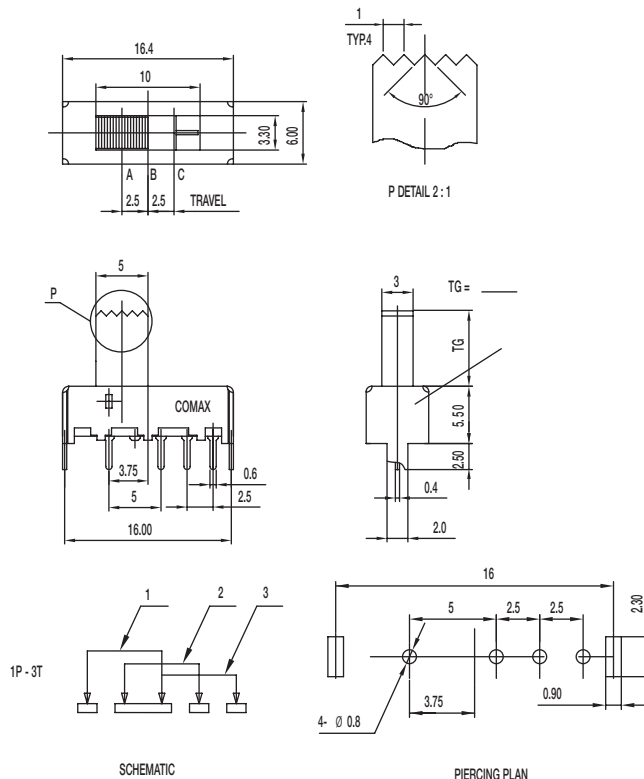
Specifications

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

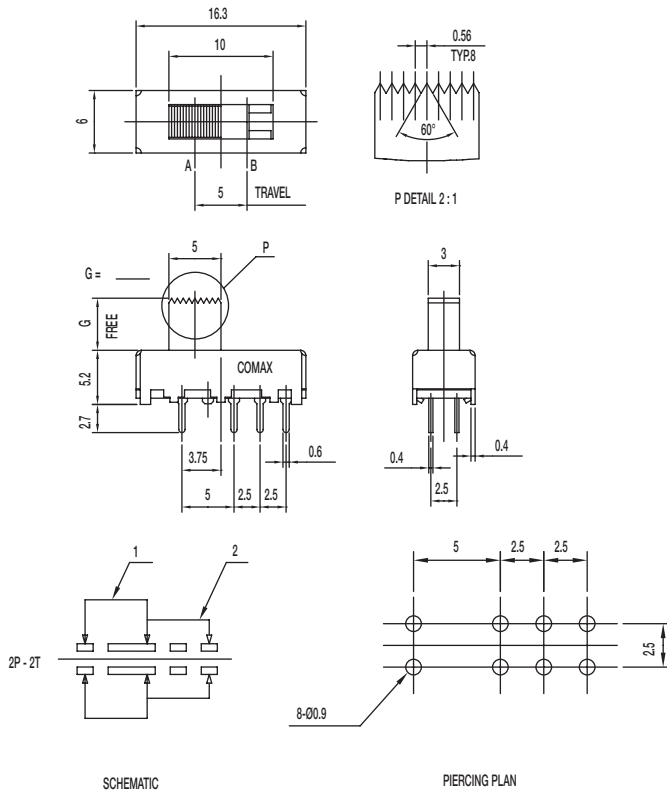
CONTACT RATING: 0.3A @ 30 VDC
 INITIAL CONTACT RESISTANCE: 30 m ohms max.
 INSULATION RESISTANCE: 100 M ohms min.
 DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.
 OPERATING LIFE: 10,000 cycles with load
 OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)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

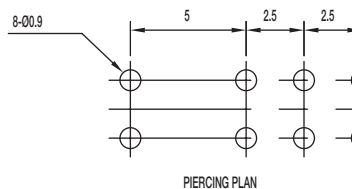
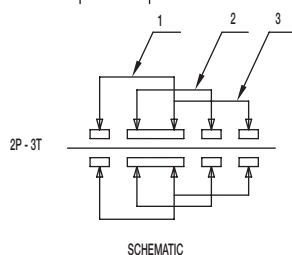
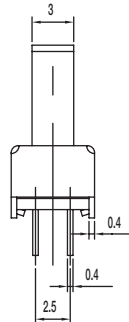
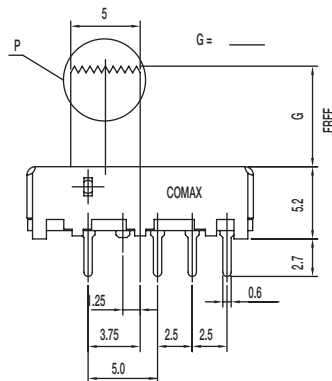
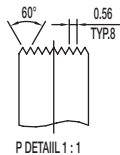
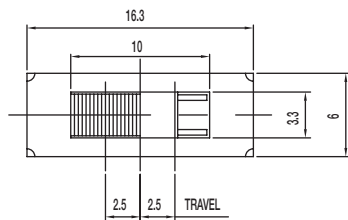
TERMINAL: Silver plated



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

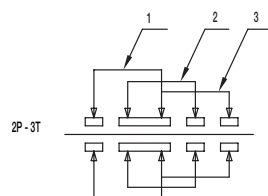
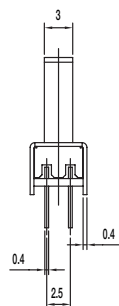
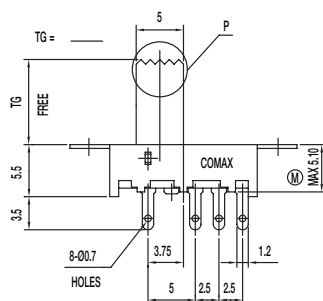
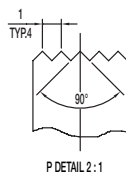
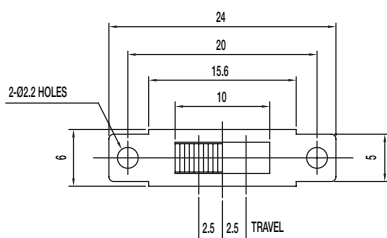
KNOB: POM

FRAME: SPCC

CONTACT: Silver clad

TERMINAL: Silver plated

SS-23E08-TG 2P3T



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

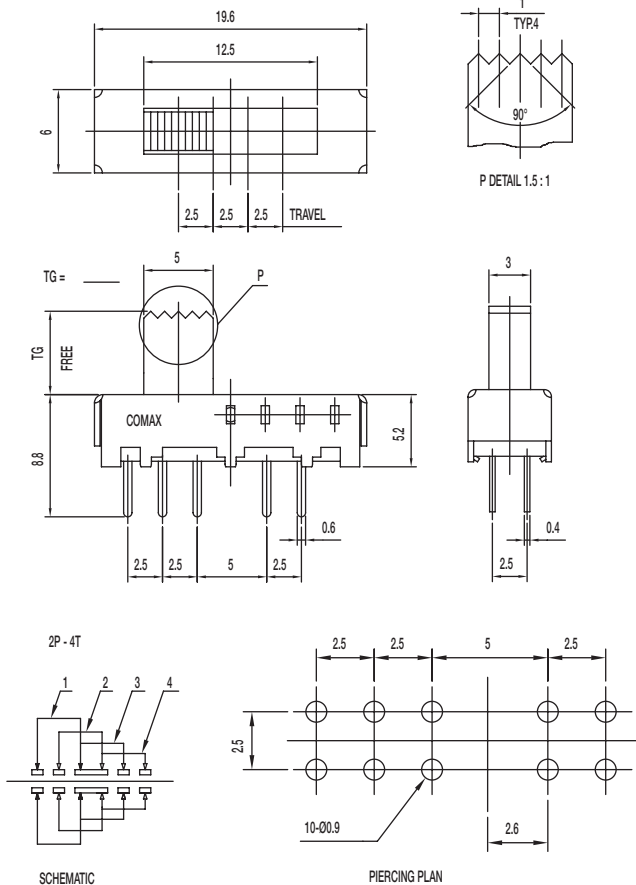
FRAME: SPCC

CONTACT: Silver clad

TERMINAL: Silver plated

SS Series Miniature Slide Switches

SS-24E06-TG 2P4T SHORTING



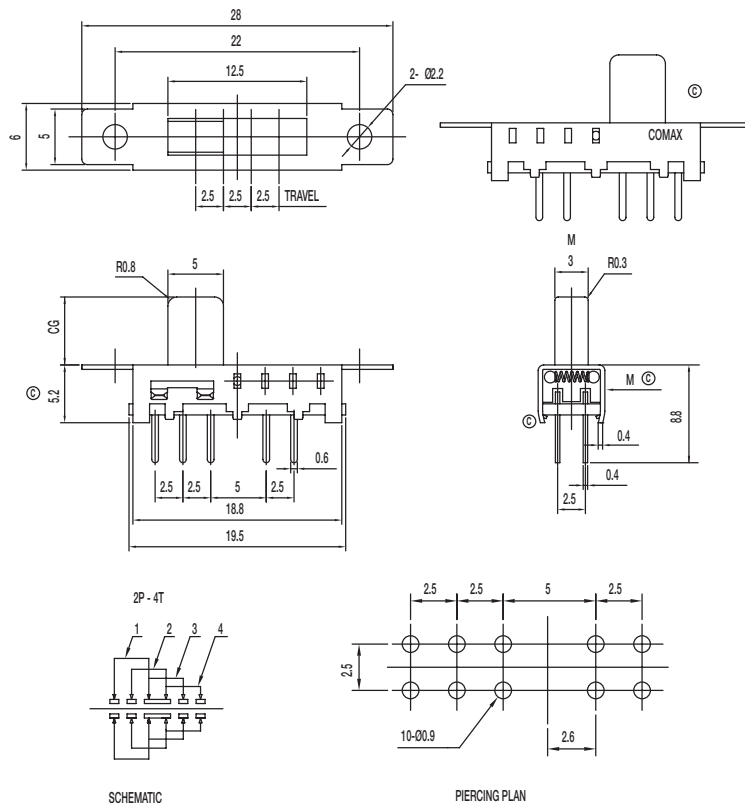
Specifications

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

Slide



Slide

Slide

Slide

Slide



Slide

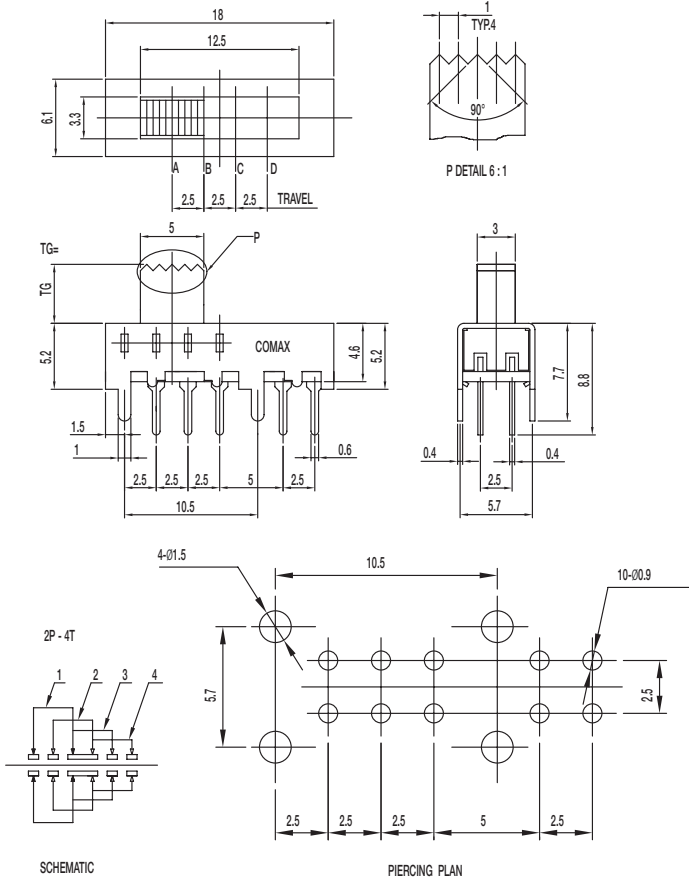
Slide

Slide

Slide

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 ± 0.98 N)

TRAVEL: 2.5 ± 0.3 mm

OPERATING TEMPERATURE: -10°C to 60°C

Materials

KNOB: POM

FRAME: SPCC

CONTACT: Silver clad

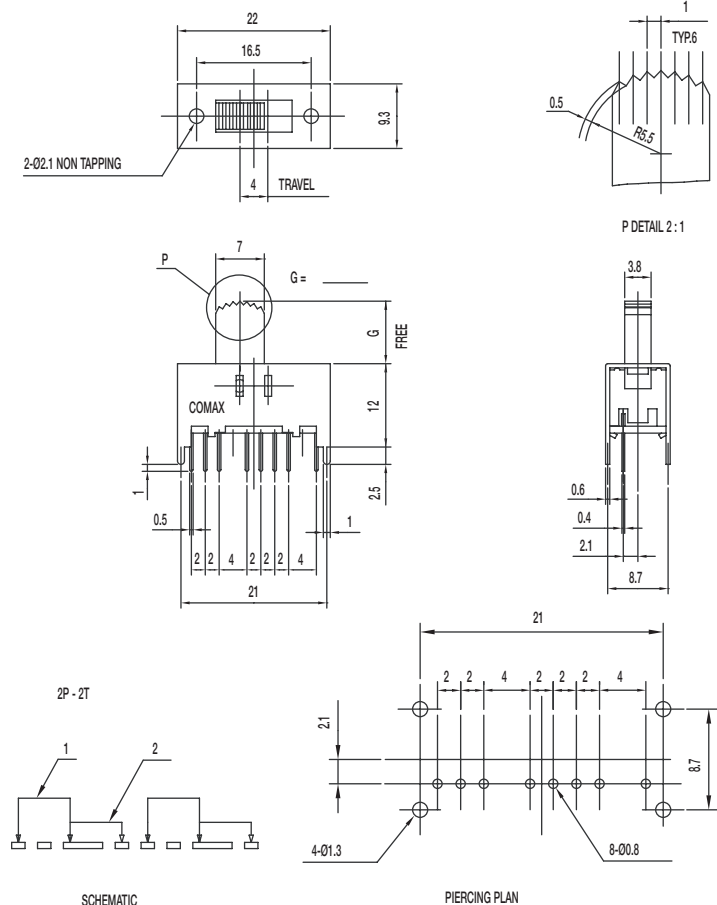
TERMINAL: Silver plated



Slide

SS Series Miniature Slide Switches

SS-22H18-G DPDT NON-SHORTING



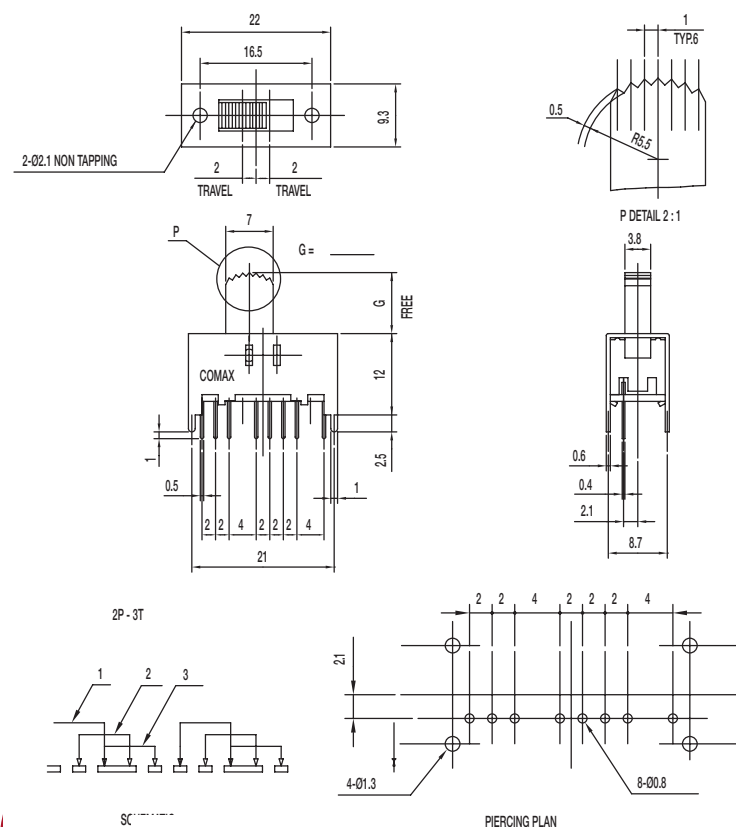
Specifications

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

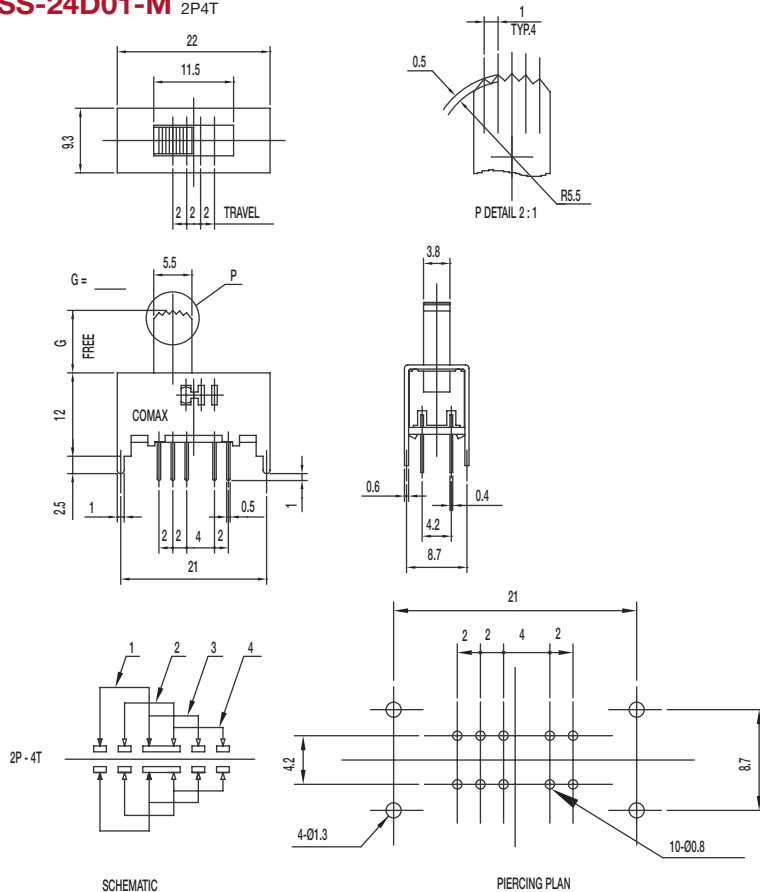
Materials

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

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

SS Series Miniature Slide Switches

SS-24D01-M 2P4T



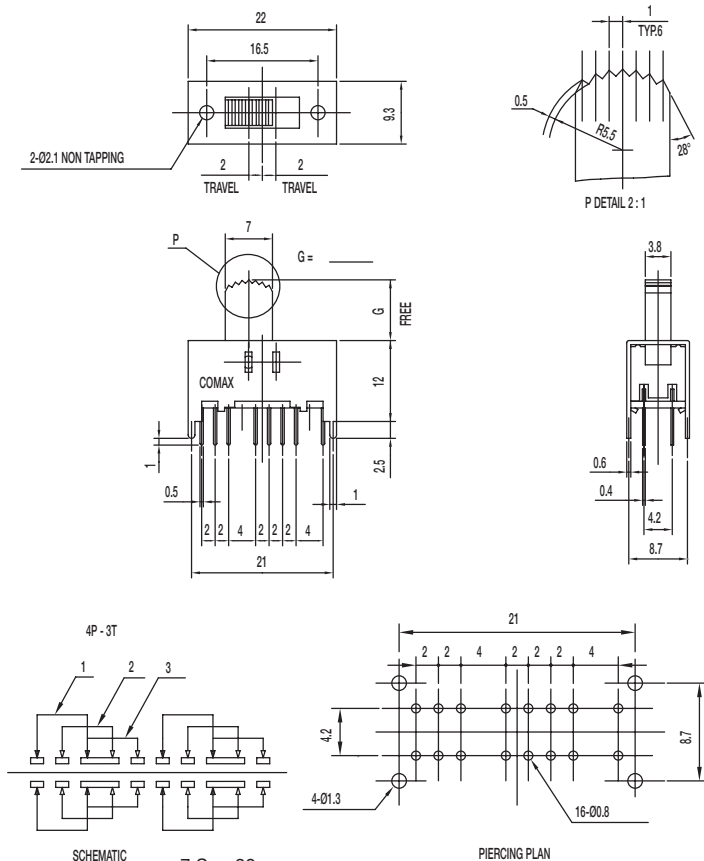
Specifications

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

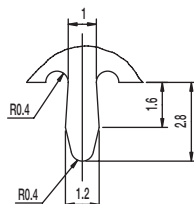
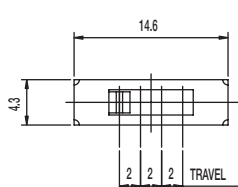
Dimensions are shown: Inches (mm)
 Specifications and dimensions subject to change

SS Series Miniature Slide Switches

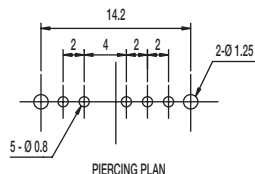
SS-14D0839-VG 5 PA 1P4T



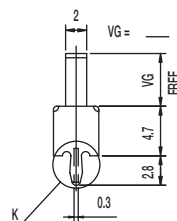
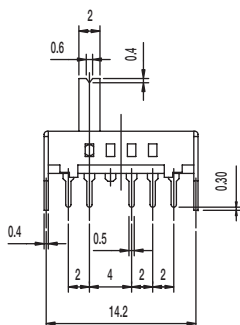
Slide



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 without load; 5,000 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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

C&K Switches:

[SS-12D1505-G 2](#) [SS-22D0205-G 2](#) [SS-23D28-G 5 NS](#) [SS-23E06-G 5](#) [SS-14D0839-VG 5 PA](#) [SS22J08G5](#)