#### **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**

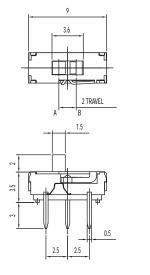
- Consumer electronics
- Computer peripherals
- Telecommunication
- Audio & visual equipment
- Medical
- Automotive

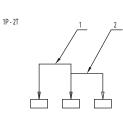




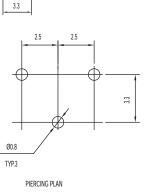


SS-12D1305-G 2 1P2T NON-SHORTING





SCHEMATIC



1.5

0.3

#### Specifications

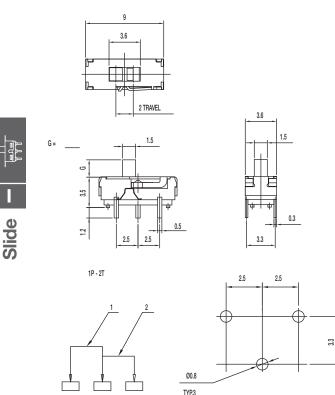
CONTACT RATING: 0.3A @ 6 VDC INITIAL CONTACT RESISTANCE: 70 m ohms max. INSULATION RESISTANCE: 100 M ohms min. DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal. OPERATING LIFE: 10,000 cycles with load OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N) TRAVEL: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

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



www.ck-components.com

SS-12D1505-G 1P2T NON-SHORTING

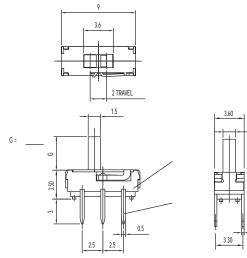


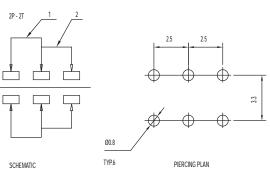
Specifications CONTACT RATING: 0.3A @ 6 VDC INITIAL CONTACT RESISTANCE: 70 m ohms max. INSULATION RESISTANCE: 100 M ohms min. DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal. OPERATING LIFE: 10,000 cycles with load OPERATING FORCE: 200 ± 100 gf (1.96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



SCHEMATIC

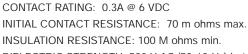




0.3

PIERCING PLAN

C&K



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

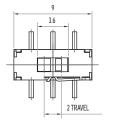
Materials KNOB: PA COVER: SUS HOUSING: PA CONTACT: Silver clad TERMINAL: Silver plated

Specifications

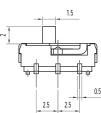
1

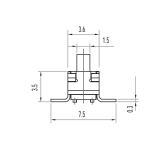
Slide

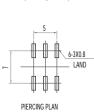
### SS-22D0205-G 2 -LT DPDT NON-SHORTING

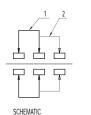


| |









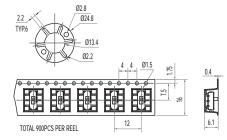
2P - 2T

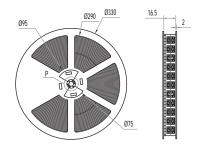


CONTACT RATING: 0.3A @ 6 VDC INITIAL CONTACT RESISTANCE: 70 m ohms max. INSULATION RESISTANCE: 100 M ohms min. DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal. OPERATING LIFE: 10,000 cycles with load OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N) TRAVEL: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

OPERATING TEMPERATURE: -20°C to 70°C

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



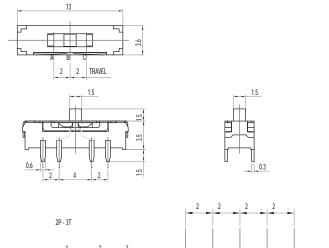


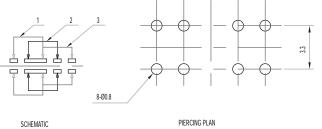


1

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

Slide



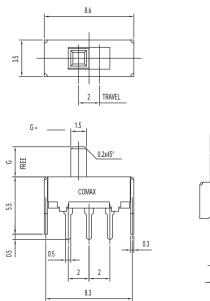


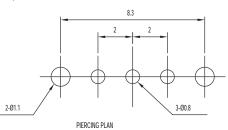
#### Specifications

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 ± 0.98N) 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

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





0.3

0.8

0.2x45°

3.5

2



T

1P - 2T

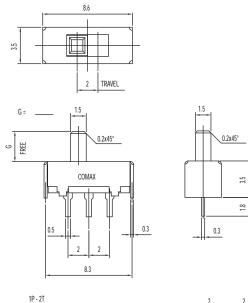
SCHEMATIC

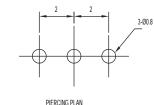
Specifications CONTACT RATING: 0.3A @ 30 VDC INITIAL CONTACT RESISTANCE: 30 m ohms max. INSULATION RESISTANCE: 100 M ohms min. DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal. OPERATING LIFE: 10,000 cycles with load OPERATING FORCE: 200 ± 100 gf (1.96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

Slide

### SS-12D05-GENS 1P2T NON-SHORTING





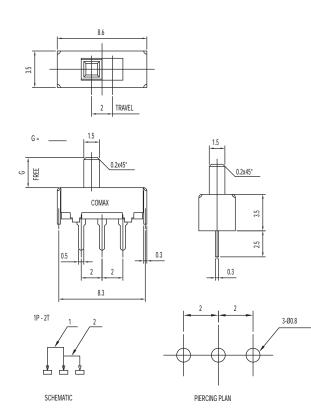
#### Specifications

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

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

### SS-12D06-GENS 1P2T NON-SHORTING

SCHEMATIC



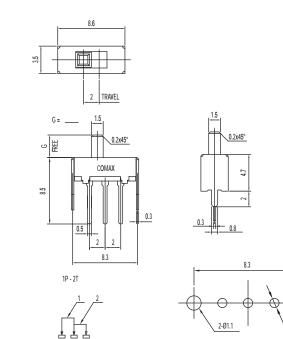
# **C**&K

#### Specifications CONTACT RATING: 0.3A @ 30 VDC

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

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

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



CONTACT RATING: 0.3A @ 30 VDC

Specifications

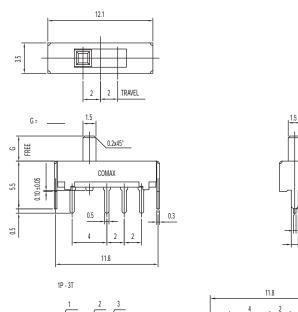
INITIAL CONTACT RESISTANCE: 30 m ohms max. INSULATION RESISTANCE: 100 M ohms min. DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal. OPERATING LIFE: 10,000 cycles with load OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N) TRAVEL: 2 ± 0.3 mm OPERATING TEMPERATURE: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

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

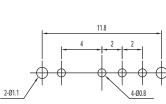
SS-13D01-G 1P3T

SCHEMATIC

Slide







PIERCING PLAN

PIERCING PLAN

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: 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

0.2x45°

3.5

2

0.3

0.8

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

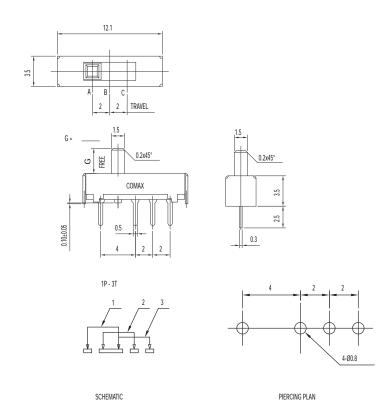
> Dimensions are shown: mm Specifications and dimensions subject to change

I

Slide

### SS-13D04-G 1P3T

1

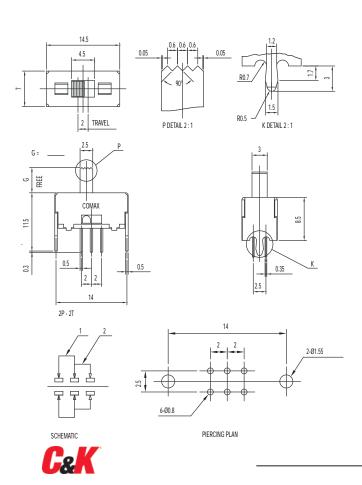


#### Specifications

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 ± 100 gf (1.96 ± 0.98N) 250 ± 100 gf (2.47 ± 0.98N) TRAVEL: 2 ± 0.3 mm OPERATING TEMPERATURE: -20°C to 70°C

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

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



## Specifications

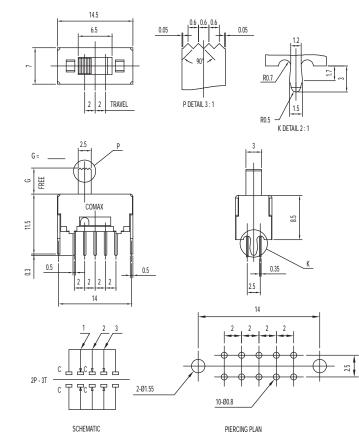
CONTACT RATING: 0.3A @ 30 VDC
INITIAL CONTACT RESISTANCE: 30 m ohms max.
INSULATION RESISTANCE: 100 M ohms min.
DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.
OPERATING LIFE: 10,000 cycles with load
OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)
TRAVEL: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

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

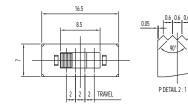
www.ck-components.com

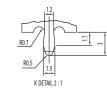
SS-23D28-G NS 2P3T NON-SHORTING

Slide

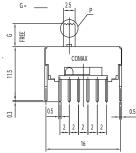


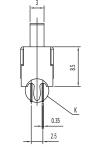
SS-24D28-G NS 2P4T NON-SHORTING

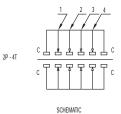


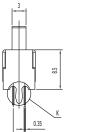


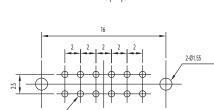
0.05











PIFRCING PLAN

12-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 ± 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

#### 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

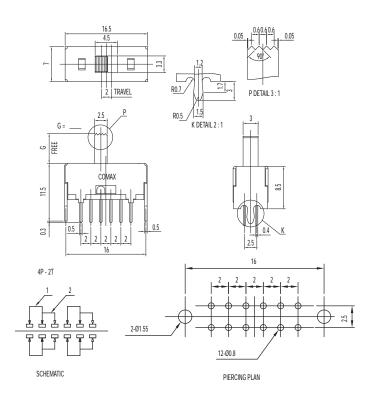


I

Dimensions are shown: mm Specifications and dimensions subject to change www.ck-components.com

Slide

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



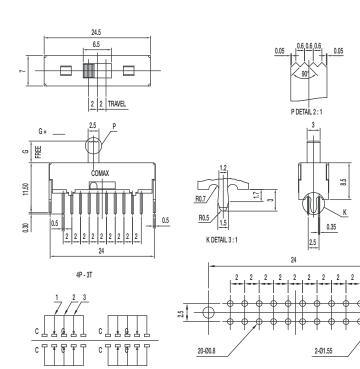
Specifications

CONTACT RATING: 0.3A @ 30 VDC INITIAL CONTACT RESISTANCE: 30 m ohms max. INSULATION RESISTANCE: 100 M ohms min. DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N) TRAVEL: 2 ± 0.3 mm OPERATING TEMPERATURE: -20°C to 70°C

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

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



#### Specifications

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

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



I

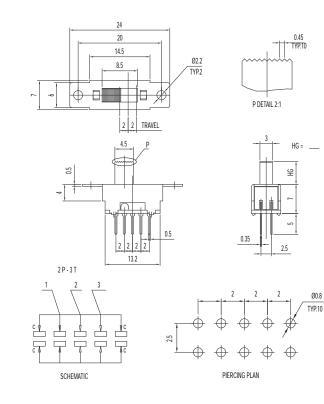
SCHEMATIC

Dimensions are shown: mm Specifications and dimensions subject to change

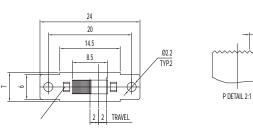
PIERCING PLAN

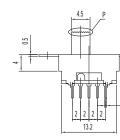
### SS-23D32-HG NS 2P3T NON-SHORTING

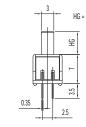
Slide



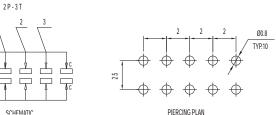
# SS-23D33-HG NS 2P3T NON-SHORTING







0.45



# SCHI



#### INSULATION RESISTANCE: 100 M ohms min. DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal

Specifications

CONTACT RATING: 0.3A @ 30 VDC

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

INITIAL CONTACT RESISTANCE: 30 m ohms max.

### Materials

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



T

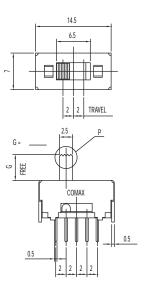
Dimensions are shown: Inch (mm) Specifications and dimensions subject to change

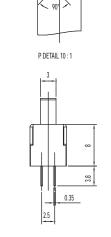
Specifications

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

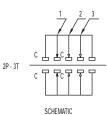
Materials KNOB: POM FRAME: SPCC CONTACT: Silver clad TERMINAL: Silver plated

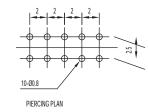
### SS-23D37-G NS 2P3T NON-SHORTING





0.05



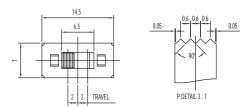


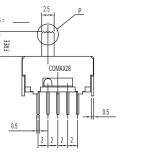
#### Specifications

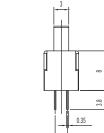
CONTACT RATING: 0.3A @ 30 VDC INITIAL CONTACT RESISTANCE: 30 m ohms max. INSULATION RESISTANCE: 100 M ohms min. DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal. OPERATING LIFE: 10,000 cycles with load OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N) 300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

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

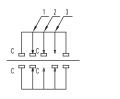
#### SS-23D47-G NS 2P3T NON-SHORTING

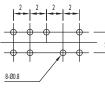






2P - 3T





PIERCING PLAN

# SCHEMATIC



G

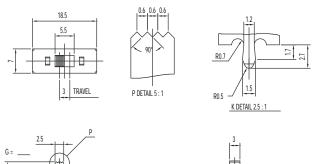
Dimensions are shown: mm Specifications and dimensions subject to change Specifications

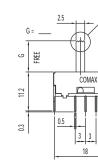
CONTACT RATING: 0.3A @ 30 VDC INITIAL CONTACT RESISTANCE: 30 m ohms max. INSULATION RESISTANCE: 100 M ohms min. DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal. OPERATING LIFE: 10,000 cycles with load OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)

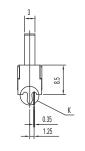
300 ± 100 gf (2.94 ± 0.98N) TRAVEL: 2 ± 0.3 mm OPERATING TEMPERATURE: -20°C to 70°C

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

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

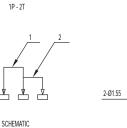








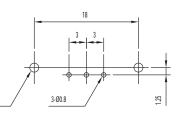
Slide



R0.7

R0.5

05



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

Specifications

TRAVEL: 3 ± 0.3 mm

Materials

CONTACT RATING: 0.3A @ 30 VDC

INITIAL CONTACT RESISTANCE: 30 m ohms max.

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

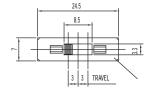
DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.

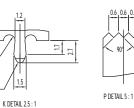
INSULATION RESISTANCE: 100 M ohms min.

OPERATING LIFE: 10,000 cycles with load

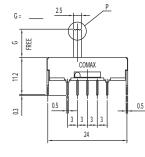
OPERATING TEMPERATURE: -20°C to 70°C

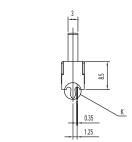
#### SS-13F28-G NS 1P3T NON-SHORTING





PIERCING PLAN









2-Ø1.55



5-Ø0.8

24



I

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

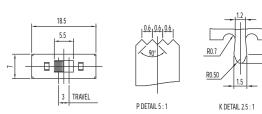
OPERATING TEMPERATURE: -20°C to 70°C Materials

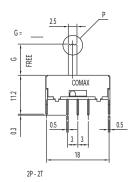
KNOB: POM FRAME: SPCC CONTACT: Silver clad TERMINAL: Silver plated

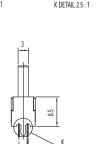
> Dimensions are shown: mm Specifications and dimensions subject to change www.ck-components.com

1.25

### SS-22F28-G S DPDT SHORTING







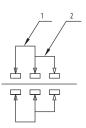
0.35

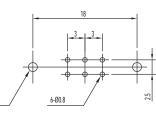


Specifications

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



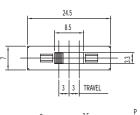


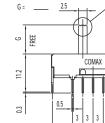
PIERCING PLAN

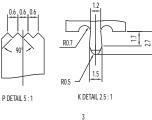
SCHEMATIC

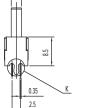
SS-23F28-G 6 NS 2P3T NON-SHORTING

2-Ø1.55

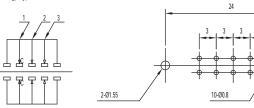












24

0.5

### 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/B-C) 220 ± 100 gf (2.16 ± 0.98N) (B-C/C-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



SCHEMATIC

С

T

Dimensions are shown: mm Specifications and dimensions subject to change 1



www.ck-components.com

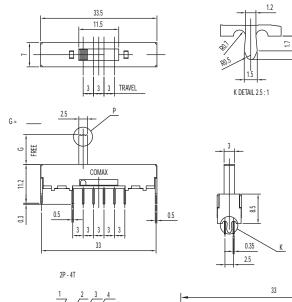
2.5

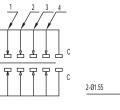
PIERCING PLAN

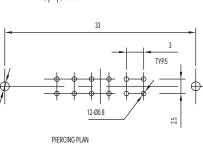
#### SS-24F28-G 2P4T NON-SHORTING

더뷥

Slide







0.6 TYP.3

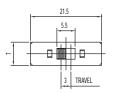
90

P DETAIL 5 : 1

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

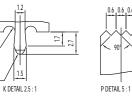
R0.7

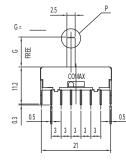
R0.5

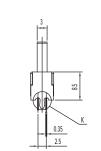


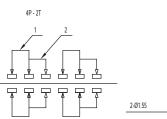
SCHEMATIC

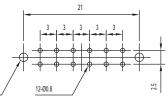
C











PIERCING PLAN



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 ± 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

#### Specifications

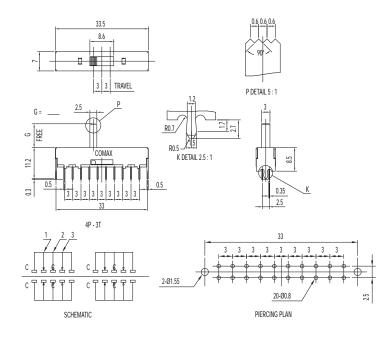
CONTACT RATING: 0.3A @ 30 VDC INITIAL CONTACT RESISTANCE: 30 m ohms max. INSULATION RESISTANCE: 100 M ohms min. DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal. OPERATING LIFE: 10,000 cycles with load OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N) TRAVEL: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

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

Dimensions are shown: mm Specifications and dimensions subject to change

www.ck-components.com

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



#### Specifications

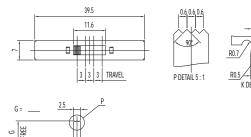
CONTACT RATING: 0.3A @ 30 VDC INITIAL CONTACT RESISTANCE: 30 m ohms max. INSULATION RESISTANCE: 100 M ohms min. DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal. OPERATING LIFE: 10,000 cycles with load OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N) 250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

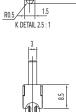
Slide

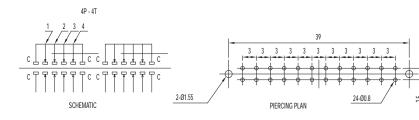
Materials KNOB: POM FRAME: SPCC CONTACT: Silver clad TERMINAL: Silver plated

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

COMA







## 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

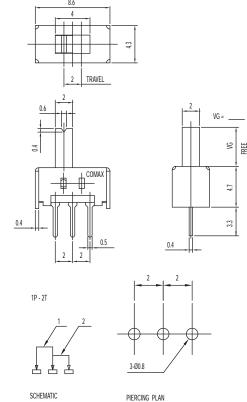
Materials KNOB: POM FRAME: SPCC CONTACT: Silver clad TERMINAL: Silver plated



11.2

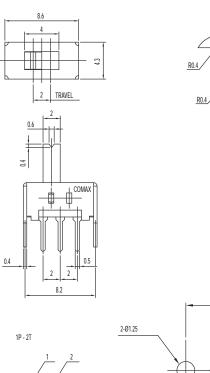
30 55

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



Slide

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







TERMINAL: Silver plated

1.6

VG =

ß

4.7

2.8

5.5

8.2

3-Ø0.8

PIERCING PLAN

2

FREE

K DETAIL 1.5 : 1

### Specifications

Specifications

TRAVEL: 2 ± 0.3 mm

CONTACT: Silver clad

Materials

KNOB: POM

FRAME: SPTE

CONTACT RATING: 0.3A @ 30 VDC

OPERATING LIFE: 10,000 cycles with load

OPERATING TEMPERATURE: -20°C to 70°C

INITIAL CONTACT RESISTANCE: 30 m ohms max. INSULATION RESISTANCE: 100 M ohms min.

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

DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open

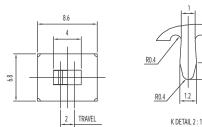
terminals and between the frame and terminal.

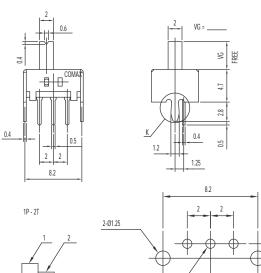
CONTACT RATING: 0.3A @ 30 VDC INITIAL CONTACT RESISTANCE: 30 m ohms max. INSULATION RESISTANCE: 100 M ohms min. DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal. OPERATING LIFE: 10,000 cycles with load OPERATING FORCE: 250 ± 100 gf (2.45 ± 0.98N) TRAVEL: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

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

Dimensions are shown: mm Specifications and dimensions subject to change

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





3-Ø0.8

PIERCING PLAN

1.6

1.6

#### 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

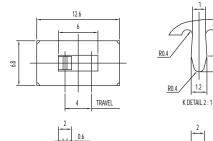
Materials KNOB: POM FRAME: SPCC CONTACT: Silver clad TERMINAL: Silver plated

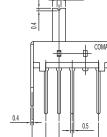


Slide

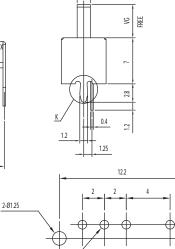
#### SS-12H16-VG 1P2T NON-SHORTING

SCHEMATIC





12.2



PIERCING PLAN

4-Ø0.8

1.2

VG =

### Specifications

53

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

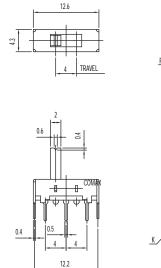
Materials KNOB: POM FRAME: SPCC CONTACT: Silver clad TERMINAL: Silver plated

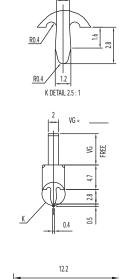
1

SCHEMATIC

1P - 2T

SS-12H26-VG 1P2T NON-SHORTING





2-Ø1.25

# 

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

**Specifications** 

TRAVEL: 2 ± 0.3 mm

Materials

KNOB: POM

FRAME: SPCC

CONTACT: Silver clad

**TERMINAL: Silver plated** 

CONTACT RATING: 0.3A @ 30 VDC

OPERATING LIFE: 10,000 cycles with load OPERATING FORCE: 200 ± 100 qf (1.96 ± 0.98N)

OPERATING TEMPERATURE: -20°C to 70°C

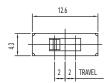
 $250 \pm 100 \text{ gf} (2.45 \pm 0.98 \text{N})$ 

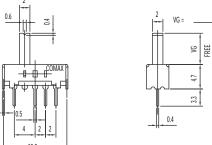
INITIAL CONTACT RESISTANCE: 30 m ohms max. INSULATION RESISTANCE: 100 M ohms min.

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

SS-13D06-VG 1P3T

Slide









SCHEMATIC

0.4

PIERCING PLAN

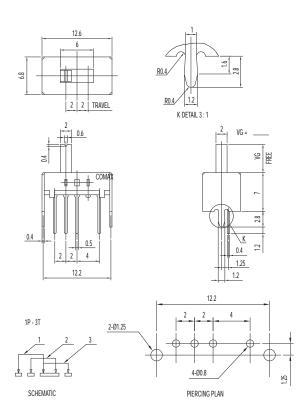


1

. . . .

Slide

### SS-13D08-VG 1P3T

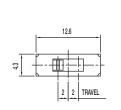


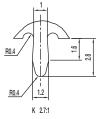
#### Specifications

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

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

#### SS-13D16-VG 1P3T





VG =

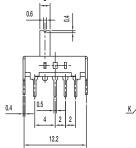
뜅븶

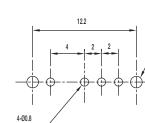
4.7

2.8

0.5

2-Ø1.25





PIERCING PLAN

0.4

φ

# 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

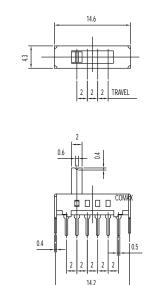
Materials KNOB: POM FRAME: SPCC CONTACT: Silver clad TERMINAL: Silver plated

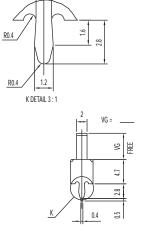


T

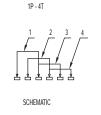
1P - 3T

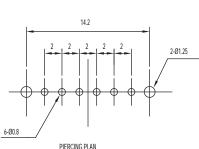
### SS-14D01-VG 1P4T





# Slide



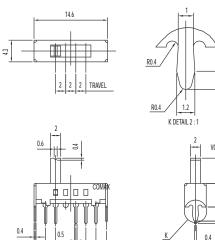


#### Specifications

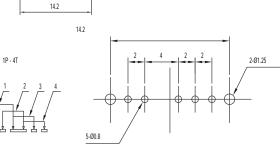
CONTACT RATING: 0.3A @ 30 VDC
INITIAL CONTACT RESISTANCE: 30 m ohms max.
INSULATION RESISTANCE: 100 M ohms min.
DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.
OPERATING LIFE: 10,000 cycles with load
OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)
TRAVEL: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

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

#### SS-14D07-VG 1P4T



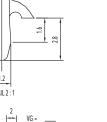
4



PIERCING PLAN

SCHEMATIC

T



KE KG

2.8 4.7

5.

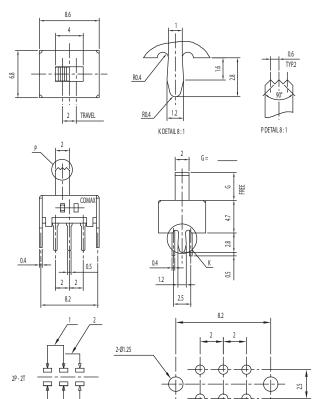
Specifications CONTACT RATING: 0.3A @ 30 VDC INITIAL CONTACT RESISTANCE: 30 m ohms max. INSULATION RESISTANCE: 100 M ohms min. DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal. OPERATING LIFE: 10,000 cycles with load OPERATING FORCE: 200 ± 100 gf (1.96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

OPERATING TEMPERATURE: -20°C to 70°C

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

> Dimensions are shown: mm Specifications and dimensions subject to change WWW.ck-components.com

### 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.

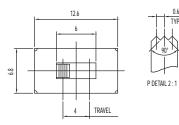
DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load OPERATING FORCE: 250  $\pm$  100 gf (2.45  $\pm$  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 Slide

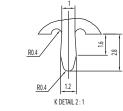
#### SS-22H08-G DPDT NON-SHORTING

SCHEMATIC

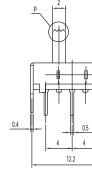


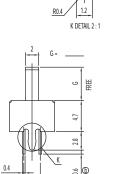
COMA

6-Ø0.8



PIERCING PLAN





# Specifications

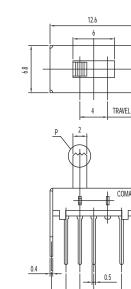
CONTACT RATING: 0.3A @ 30 VDC
INITIAL CONTACT RESISTANCE: 30 m ohms max.
INSULATION RESISTANCE: 100 M ohms min.
DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.
OPERATING LIFE: 10,000 cycles with load
OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N)
TRAVEL: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

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

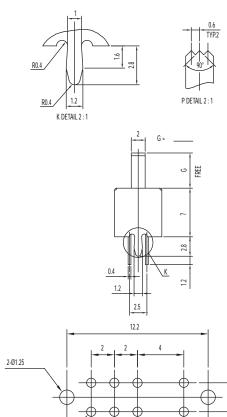


COMA

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



Slide



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: 4 ± 0.3 mm OPERATING TEMPERATURE: -20°C to 70°C

#### Materials

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

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

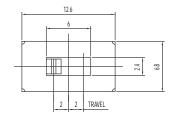
SCHEMATIC

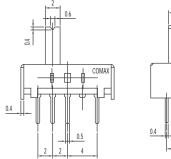
12.2

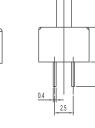
Å 🗆

 $\nabla$ 

2P - 2T







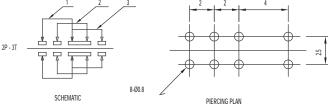
VG =

KEE VG

4.7

3.3

8-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: 150 ± 50 gf (1.47 ± 0.49N)

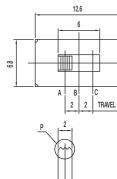
 $200 \pm 100 \text{ gf} (1.96 \pm 0.98 \text{N})$ TRAVEL: 2 ± 0.3 mm OPERATING TEMPERATURE: -20°C to 70°C

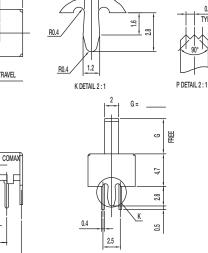
Materials KNOB: POM FRAME: SPCC CONTACT: Silver clad TERMINAL: Silver plated



1

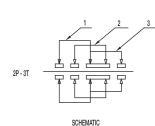
### SS-23D07-G PA 2P3T NON-SHORTING





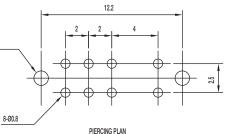
2-Ø1.25

P DETAIL 2 : 1



12.2

0.4



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) 

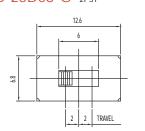
TRAVEL: 2 ± 0.3 mm OPERATING TEMPERATURE: -20°C to 80°C

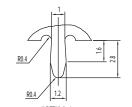
#### Materials

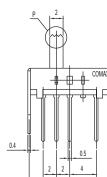
KNOB: PA FRAME: SPCC CONTACT: Silver clad TERMINAL: Silver plated

Slide

SS-23D08-G 2P3T



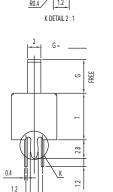




12.2

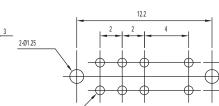
.

SCHEMATIC





PIERCING PLAN



8-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: 150 ± 50 gf (1.47 ± 0.49N)  $200 \pm 100 \text{ gf} (1.96 \pm 0.98 \text{N})$ 

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

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

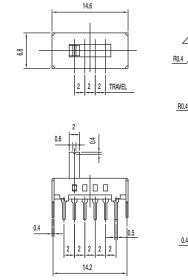
> Dimensions are shown: mm Specifications and dimensions subject to change

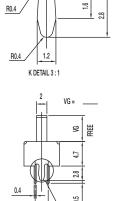
T

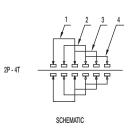
2P - 3T

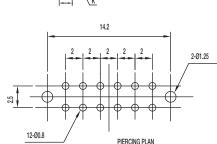
SS-24D02-VG 2P4T

Slide









1.6

1.2

VG =

4.7

2.8

K

뜅빌

K DETAIL 3:1

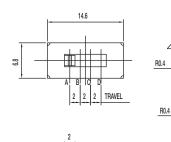
 $\nabla$ 

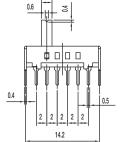
2.5

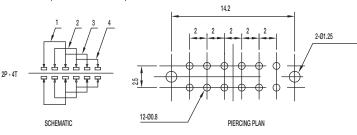
Specifications

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

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







**C**&K

1

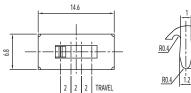
Specifications CONTACT RATING: 0.3A @ 30 VDC INITIAL CONTACT RESISTANCE: 30 m ohms max. INSULATION RESISTANCE: 100 M ohms min. DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal. OPERATING LIFE: 10,000 cycles with load OPERATING FORCE: 250 ± 100 gf (2.45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

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

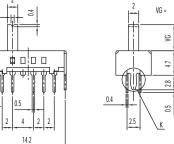
1

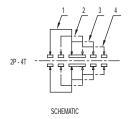
Slide

### SS-24D07-VG PA 2P4T

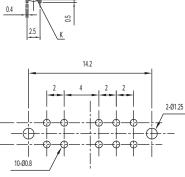








0.4



PIERCING PLAN

1.3

R0.4

1.2

K DETAIL 3 : 1

FREE

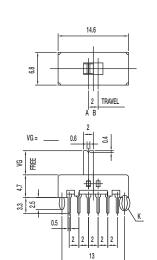
## Specifications

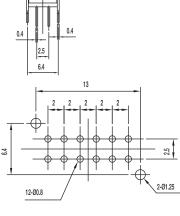
CONTACT RATING: 0.3A @ 30 VDC INITIAL CONTACT RESISTANCE: 30 m ohms max. INSULATION RESISTANCE: 100 M ohms min. DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal. OPERATING LIFE: 10,000 cycles with load OPERATING FORCE: 250 ± 100 gf (2.45 ± 0.98N) TRAVEL: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

2.5

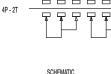




### Specifications

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

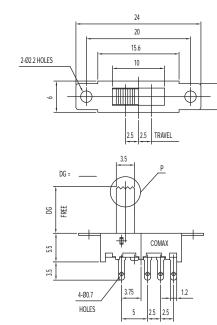


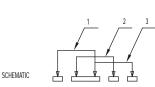




T

### 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

Specifications

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

 $250 \pm 100 \text{ gf} (2.45 \pm 0.98 \text{N})$ 

TRAVEL: 2.5 ± 0.3 mm

CONTACT: Silver clad

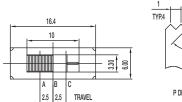
TERMINAL: Silver plated

Materials

KNOB: POM FRAME: SPCC

### SS-13E29-TG 1P3T

Slide



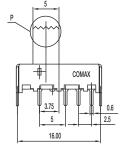


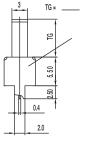
P DETAIL 2 : 1

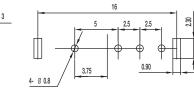
0.4

1.25

0.4











PIERCING PLAN



1

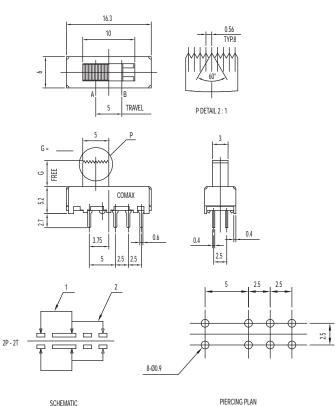
1P - 31

Dimensions are shown: mm Specifications and dimensions subject to change

I-124

Slide

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

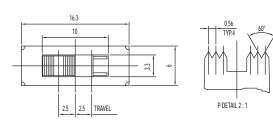


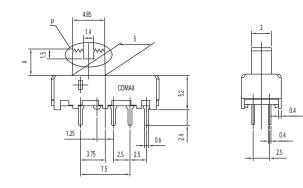
#### Specifications

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

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

#### SS-23E05-G 4 2P3T





# 

PIERCING PLAN



1

### Specifications

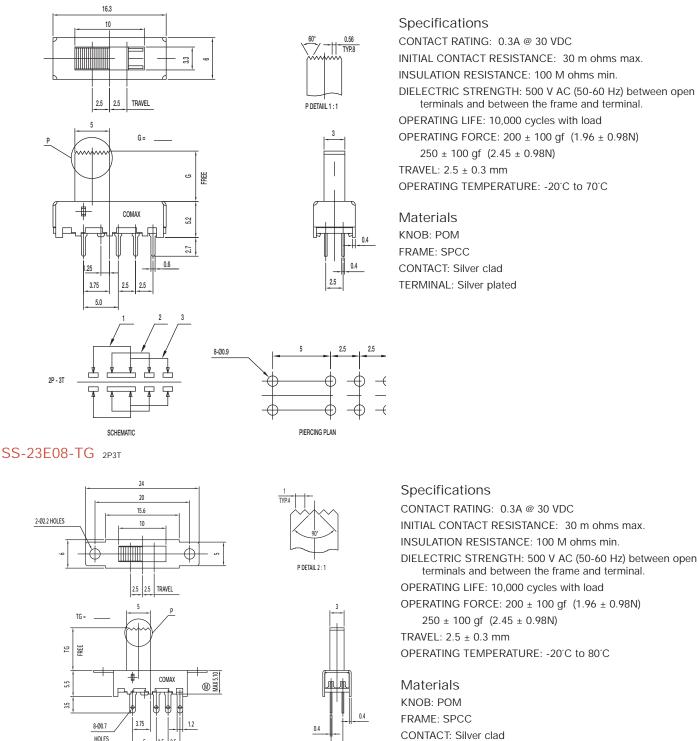
CONTACT RATING: 0.3A @ 30 VDC INITIAL CONTACT RESISTANCE: 30 m ohms max. INSULATION RESISTANCE: 100 M ohms min. DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal. OPERATING LIFE: 10,000 cycles with load OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N) 300 ± 100 gf (2.94 ± 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-23E06-G 2P3T

Slide



TERMINAL: Silver plated



T

Ľ

5

SCHEMATIC

2P - 3T

TG=6,8,9mm Max 5.10mm

5

Dimensions are shown: mm Specifications and dimensions subject to change

2.5

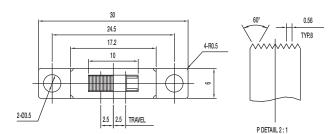
## SS-23E10-G 2P3T 16.3 0.56 TYP.8 10 3.3 2.5 2.5 TRAVEL P DETAIL 1 : 1 G = ъЩ f COMAX 22 0.4 Щ Ø0.7 0.4 1.2 2P - 3T $\nabla$ SCHEMATIC

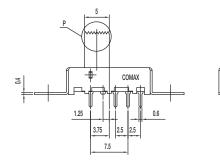
Specifications

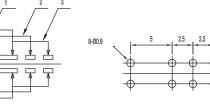
CONTACT RATING: 0.3A @ 30 VDCINITIAL CONTACT RESISTANCE: 30 m ohms max. INSULATION RESISTANCE: 100 M ohms min. DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal. OPERATING LIFE: 10,000 cycles with load OPERATING FORCE:  $200 \pm 100 \text{ gf}$  ( $1.96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

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

SS-23E11-G 2P3T









G =

5 H

5.4

2.5

0.4

PIFRCING PLAN



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: 2.5 ± 0.3 mm OPERATING TEMPERATURE: -20°C to 70°C

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

**C&K** 

2P - 3T

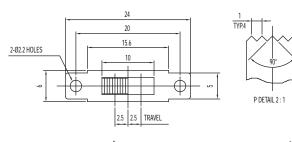
1

\_♥\_

SCHEMATIC

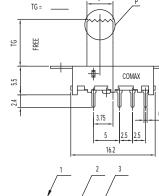
Dimensions are shown: mm Specifications and dimensions subject to change WWW.CK-components.com

### SS-23E12-TG 2P3T

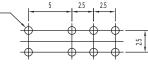










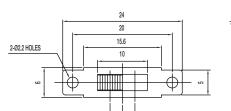


PIERCING PLAN

0.4

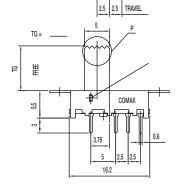
0.4

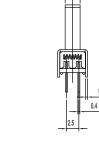
SS-23E14-TG NS 2P3T NON-SHORTING

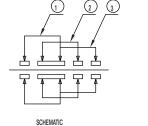


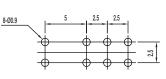
SCHEMATIC











0.4

PIERCING PLAN



1

2P - 3T

### 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

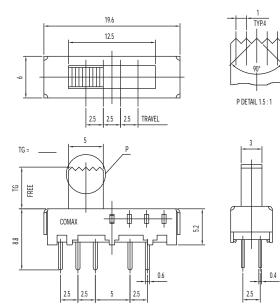
Specifications CONTACT RATING: 0.3A @ 30 VDC INITIAL CONTACT RESISTANCE: 30 m ohms max. INSULATION RESISTANCE: 100 M ohms min. DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal. OPERATING LIFE: 10,000 cycles with load OPERATING FORCE: 200  $\pm$  100 gf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

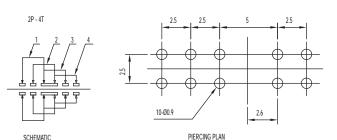
Materials KNOB: POM FRAME: SPCC CONTACT: Silver clad TERMINAL: Silver plated

1

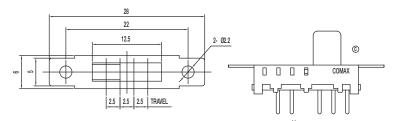
Slide

#### SS-24E06-TG 2P4T SHORTING

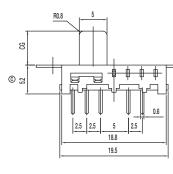


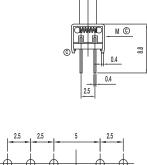


### SS-24E08-CG 2P4T



5





2.6

R0.3



2P - 4T



10-Ø0.9



T

Specifications

CONTACT RATING: 0.3A @ 30 VDC

INITIAL CONTACT RESISTANCE: 30 m ohms max.

INSULATION RESISTANCE: 100 M ohms min.

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

OPERATING LIFE: 10,000 cycles with load OPERATING FORCE: 250  $\pm$  100 gf (2.45  $\pm$  0.98N) TRAVEL: 2.5  $\pm$  0.3 mm OPERATING TEMPERATURE: -20°C to 70°C

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

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

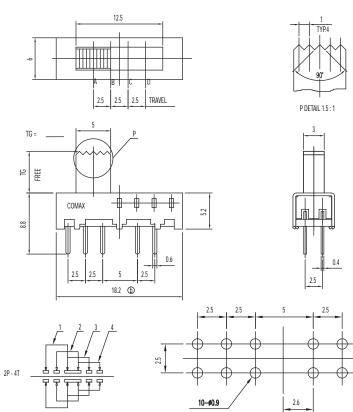
> Dimensions are shown: mm Specifications and dimensions subject to change

www.ck-components.com

### SS-24E09-TG 2P4T

더뷥

Slide



Specifications

CONTACT RATING: 0.3A @ 30 VDC

INITIAL CONTACT RESISTANCE: 30 m ohms max.

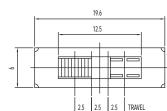
INSULATION RESISTANCE: 100 M ohms min.

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

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

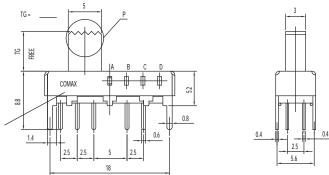
#### SCHEMATIC SS-24E10-TG 2P4T

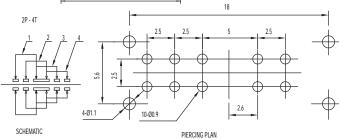




PIERCING PLAN







## 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

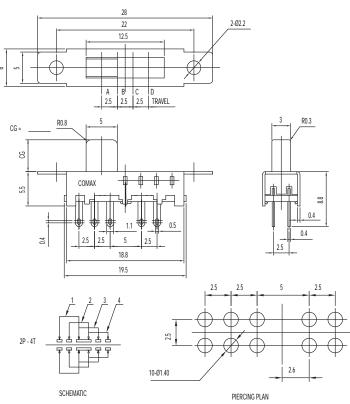
Dimensions are shown: mm Specifications and dimensions subject to change



T

Slide

#### SS-24E18-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

Specifications

TRAVEL: 2.5 ± 0.3 mm

Materials

KNOB: POM

FRAME: SPCC

CONTACT: Silver clad

TERMINAL: Silver plated

CONTACT RATING: 0.3A @ 30 VDC

INITIAL CONTACT RESISTANCE: 30 m ohms max.

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

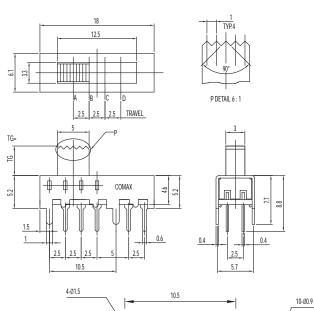
DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.

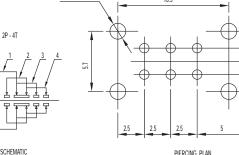
INSULATION RESISTANCE: 100 M ohms min.

OPERATING LIFE: 10,000 cycles with load

OPERATING TEMPERATURE: -10°C to 60°C

## SS-24E19-TG 2P4T

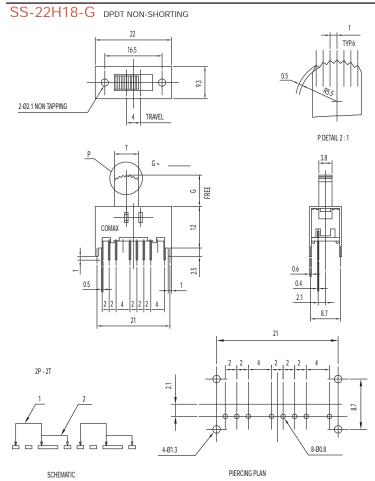




1

Dimensions are shown: mm Specifications and dimensions subject to change

2.5



Specifications

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

OPERATING TEMPERATURE: -10°C to 60°C

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

#### Specifications

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

 $300 \pm 150$  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

2P - 3T

SS-23D10-G 2P3T

2-Ø2.1 NON TAPPING

22

16.5

TRAVEL

COMAX

2

TRAVEL

G =

~

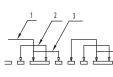
S H

5

ŝ

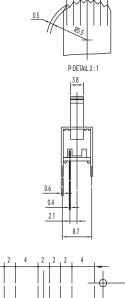
4**-**Ø1.3

Slide



\_

0.5





I

Dimensions are shown: mm Specifications and dimensions subject to change

8-Ø0.8

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)

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

OPERATING TEMPERATURE: -20°C to 70°C

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

SCHEMATIC SS-42D11-G 4P2T SHORTING

SS-24D01-M 2P4T

22

11.5

2 2 2 TRAVEL

5.5

<u>CH (</u> COMAX

6.9

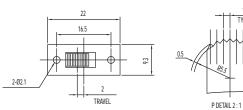
G=

Ë ď

얻

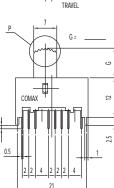
52

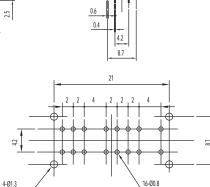
2P - 4T



4-Ø1.3

ERE:





TYP4

P DETAIL 2 : 1

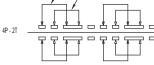
21 4

PIERCING PLAN

4.2

8.7

2 2 R5.5



1







22

10-Ø0.8

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: 2  $\pm$  0.3 mm OPERATING TEMPERATURE: -20°C to 70°C

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

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



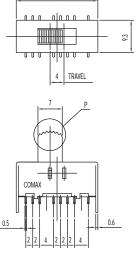
Slide

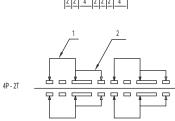
SS-42H06-G 4P2T NON-SHORTING

23.5



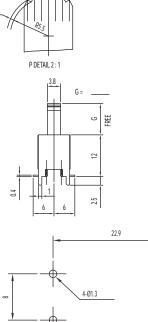
Slide





SCHEMATIC

0.5





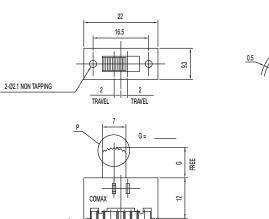
P DETAIL 2:1

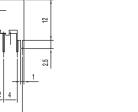
0.6

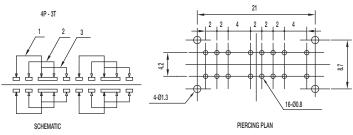
4.2

8.7

SS-43D01-G 4P3T







# Γ

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

INITIAL CONTACT RESISTANCE: 30 m ohms max.

INSULATION RESISTANCE: 100 M ohms min.

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

Specifications

CONTACT RATING: 0.3A @ 30 VDC

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)

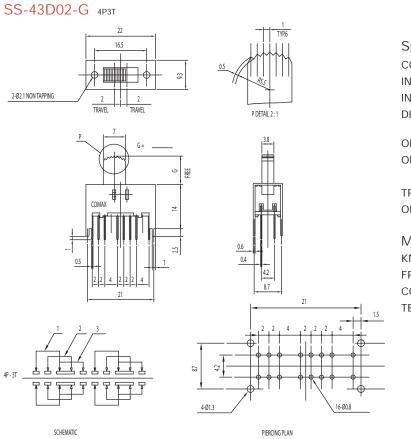
TRAVEL: 2 ± 0.3 mm OPERATING TEMPERATURE: -20°C to 70°C

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

**C**&K

T

Dimensions are shown: mm Specifications and dimensions subject to change WWW.Ck-components.com



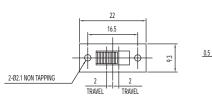
#### Specifications

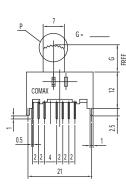
CONTACT RATING: 0.3A @ 30 VDC INITIAL CONTACT RESISTANCE: 30 m ohms max. INSULATION RESISTANCE: 100 M ohms min. DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal. OPERATING LIFE: 10,000 cycles with load OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N) 300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

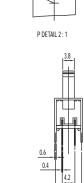
# Materials

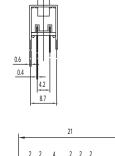
KNOB: POM FRAME: SPCC CONTACT: Silver clad TERMINAL: Silver plated

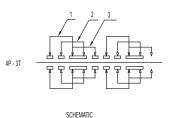
SS-43D03-G 4P3T













4

4-Ø1.3



I

Specifications

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

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

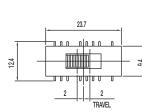
> Dimensions are shown: mm Specifications and dimensions subject to change



Slide

14-Ø0.8

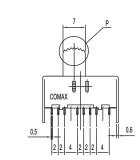
### SS-43D06-G 4P3T

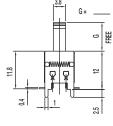


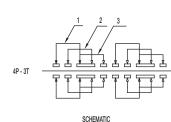


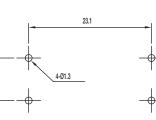
P DETAIL 4 : 1





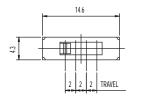






```
PIERCING PLAN
```

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



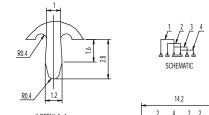
¢ 0 0 0

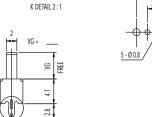
14.2

0.4

I

8





0.3

### 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) 350 ± 150 gf (3.43 ± 1.47N) TRAVEL: 2 ± 0.3 mm OPERATING TEMPERATURE: -20°C to 70°C 

#### Materials

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

#### Specifications

2-Ø 1.25

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  $\pm$  0.98N)

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: mm Specifications and dimensions subject to change www.ck-components.com

PIERCING PLAN