#### Features/Benefits

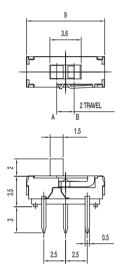
- Broad range of products
- Various circuit design, SPDT, 4P3T, vertical, right angle
- Compact miniature slide switch
- Shorting or non-shorting
- Custom design available

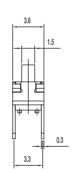
# **Typical Applications**

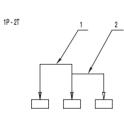
- Consumer electronics
- Computer peripherals
- Telecommunication
- Audio & visual equipment
- Medical
- Automotive



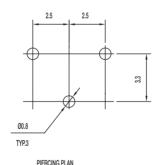
#### SS-12D1305-G 2 1P2T NON-SHORTING







SCHEMATIC



# **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:  $200 \pm 100 \text{ gf} (1.96 \pm 0.98 \text{N})$ 

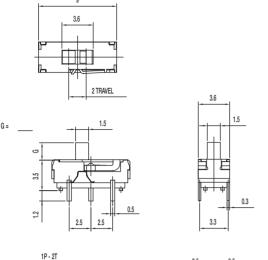
TRAVEL: 2 ± 0.3 mm

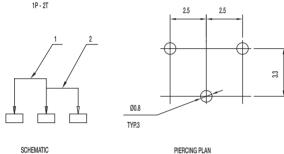
OPERATING TEMPERATURE: -20°C to 70°C

# **Materials**

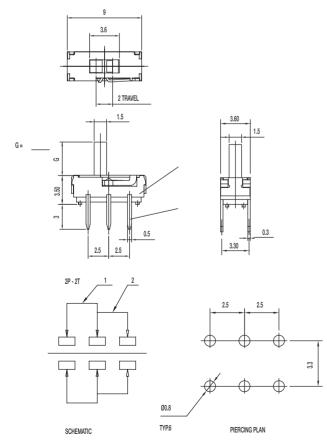
KNOB: PA COVER: SUS HOUSING: PA







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

TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 80°C

#### **Materials**

KNOB: PA COVER: SUS HOUSING: PA

CONTACT: Silver clad
TERMINAL: Silver plated

#### **Specifications**

CONTACT RATING: 0.3A @ 6 VDC

INITIAL CONTACT RESISTANCE: 70 m ohms max. INSULATION RESISTANCE: 100 M ohms min.

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

terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load

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

TRAVEL:  $2 \pm 0.3 \text{ mm}$ 

OPERATING TEMPERATURE: -20°C to 80°C

#### **Materials**

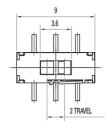
KNOB: PA COVER: SUS HOUSING: PA

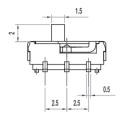
CONTACT: Silver clad TERMINAL: Silver plated

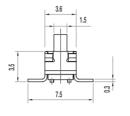


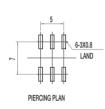
www.ck-components.com

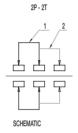
# SS-22D0205-G 2 -LT DPDT NON-SHORTING

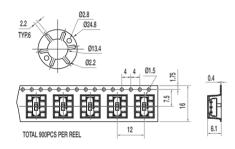


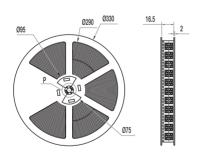












# **Specifications**

CONTACT RATING: 0.3A @ 6 VDC

INITIAL CONTACT RESISTANCE: 70 m ohms max. INSULATION RESISTANCE: 100 M ohms min.

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

terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load

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

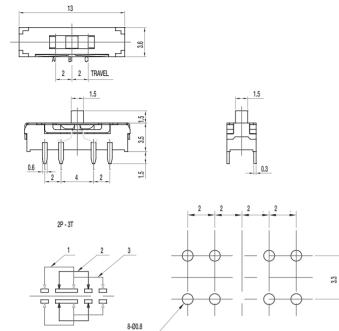
TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

#### **Materials**

KNOB: PA COVER: SUS HOUSING: PA





PIFRCING 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:  $200 \pm 100 \text{ gf} (1.96 \pm 0.98 \text{N})$ 

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

TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

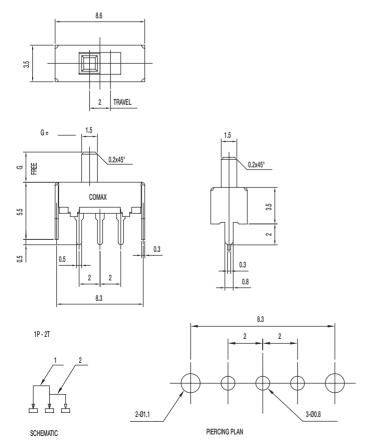
#### **Materials**

KNOB: PA COVER: SUS HOUSING: PA

CONTACT: Silver clad TERMINAL: Silver plated

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

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

TRAVEL: 2 ± 0.3 mm

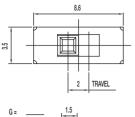
OPERATING TEMPERATURE: -20°C to 70°C

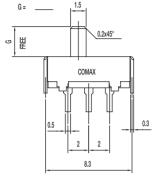
#### **Materials**

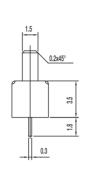
KNOB: POM COVER: SUS FRAME: SPTE

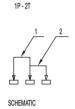


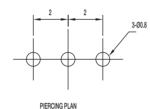
# SS-12D05-G E NS 1P2T NON-SHORTING











#### **Specifications**

CONTACT RATING: 0.3A @ 30 VDC

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

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

terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load

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

TRAVEL: 2 ± 0.3 mm

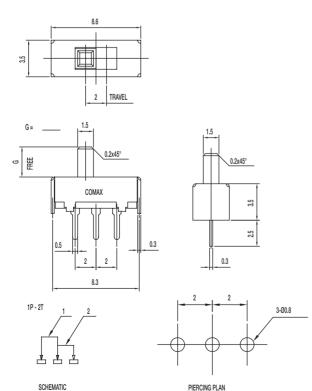
OPERATING TEMPERATURE: -20°C to 70°C

#### Materials

KNOB: POM FRAME: SPTE

CONTACT: Silver clad TERMINAL: Silver plated

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



#### **Specifications**

CONTACT RATING: 0.3A @ 30 VDC

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

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

terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load

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

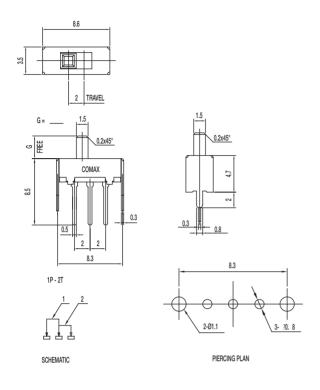
TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

### **Materials**

KNOB: POM FRAME: SPTE





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:  $200 \pm 100 \text{ gf} (1.96 \pm 0.98 \text{N})$ 

TRAVEL: 2 ± 0.3 mm

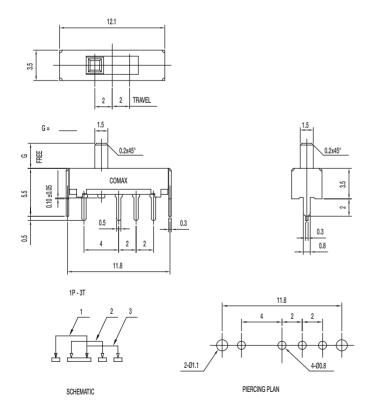
OPERATING TEMPERATURE: -20°C to 70°C

#### **Materials**

KNOB: POM FRAME: SPTE CONTACT: Silver clad

TERMINAL: Silver plated

#### SS-13D01-G 1P3T



#### **Specifications**

CONTACT RATING: 0.3A @ 30 VDC

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

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

terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load

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

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

TRAVEL: 2 ± 0.3 mm

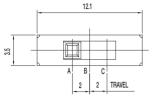
OPERATING TEMPERATURE: -20°C to 70°C

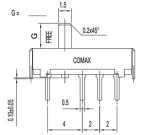
# Materials

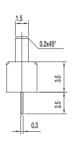
KNOB: POM FRAME: SPTE

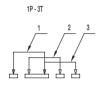


#### SS-13D04-G 1P3T



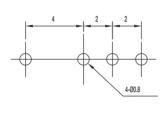






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PIFRCING PLAN

# **Specifications**

CONTACT RATING: 0.3A @ 30 VDC

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

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

terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load

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

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

TRAVEL: 2 ± 0.3 mm

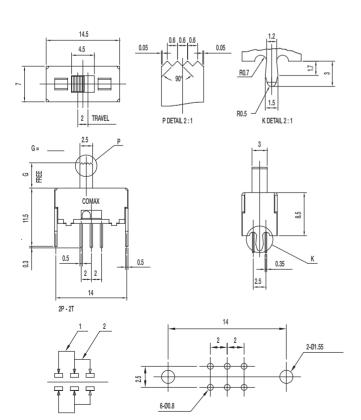
OPERATING TEMPERATURE: -20°C to 70°C

#### Materials

KNOB: POM FRAME: SPTE

CONTACT: Silver clad
TERMINAL: Silver plated

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



PIERCING PLAN

#### **Specifications**

CONTACT RATING: 0.3A @ 30 VDC

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

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

terminals and between the frame and terminal.

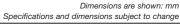
OPERATING LIFE: 10,000 cycles with load

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

TRAVEL: 2 ± 0.3 mm

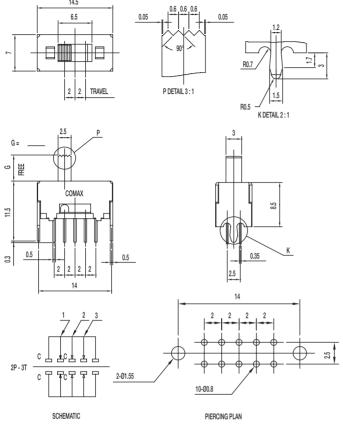
OPERATING TEMPERATURE: -20°C to 70°C

#### **Materials**



# 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:  $200 \pm 100 \text{ gf} (1.96 \pm 0.98 \text{N})$ 

 $300 \pm 150 \text{ gf } (2.94 \pm 1.47 \text{N})$ 

TRAVEL: 2 ± 0.3 mm

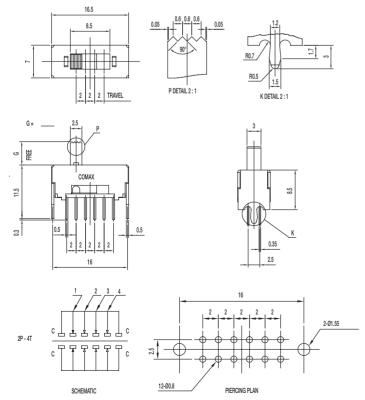
OPERATING TEMPERATURE: -20°C to 70°C

#### **Materials**

KNOB: POM FRAME: SPCC

CONTACT: Silver clad TERMINAL: Silver plated

#### 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)

 $250 \pm 100 \text{ gf}$  (2.45 ± 0.98N);  $300 \pm 100 \text{ gf}$  (2.94 ± 0.98N)

TRAVEL: 2 ± 0.3 mm

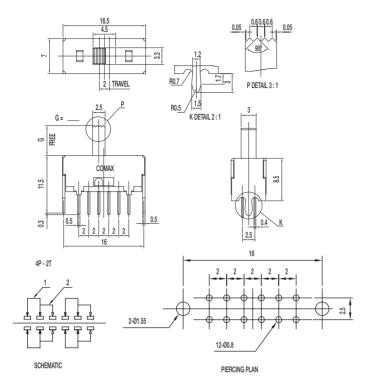
OPERATING TEMPERATURE: -20°C to 70°C

# **Materials**

KNOB: POM FRAME: SPCC



# 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:  $200 \pm 100 \text{ gf} (1.96 \pm 0.98\text{N})$ 

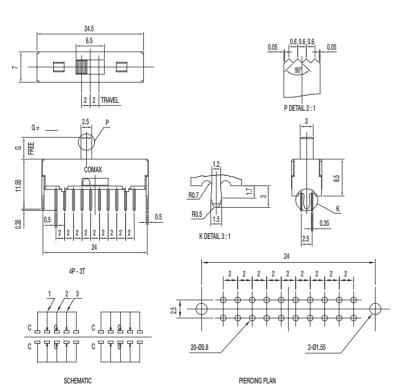
TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

#### **Materials**

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

#### 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:  $200 \pm 100 \text{ gf} (1.96 \pm 0.98\text{N})$ 

 $300 \pm 150 \text{ gf } (2.94 \pm 1.47 \text{N})$ 

TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

#### **Materials**



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:  $200 \pm 100 \text{ gf} (1.96 \pm 0.98 \text{N})$ 

 $300 \pm 100 \text{ gf } (2.94 \pm 0.98 \text{N})$ 

TRAVEL: 2 ± 0.3 mm

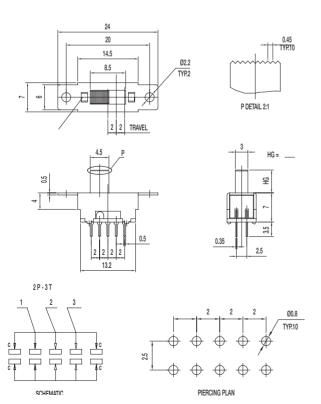
OPERATING TEMPERATURE: -20°C to 70°C

#### **Materials**

KNOB: POM FRAME: SPCC CONTACT: Silver clad

TERMINAL: Silver plated

#### 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:  $200 \pm 100 \text{ gf} (1.96 \pm 0.98 \text{N})$ 

 $300 \pm 100 \text{ gf } (2.94 \pm 0.98 \text{N})$ 

TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

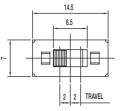
#### **Materials**

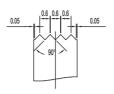
KNOB: POM FRAME: SPCC CONTACT: Silver clad

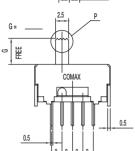
TERMINAL: Silver plated

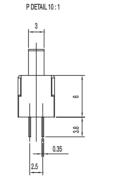


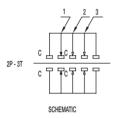
#### SS-23D37-G NS 2P3T NON-SHORTING

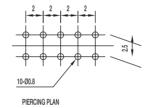












#### **Specifications**

CONTACT RATING: 0.3A @ 30 VDC

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

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

terminals and between the frame and terminal.

OPERATING FORCE: 10,000 cycles with load

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

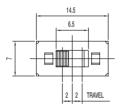
 $300 \pm 100 \text{ gf } (2.94 \pm 0.98\text{N})$ TRAVEL:  $2 \pm 0.3 \text{ mm}$ 

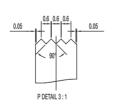
OPERATING TEMPERATURE: -10°C to 60°C

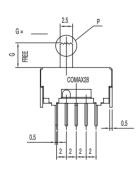
#### Materials

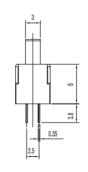
KNOB: POM
FRAME: SPCC
CONTACT: Silver clad
TERMINAL: Silver plated

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





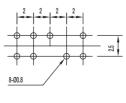




2P -3T



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:  $200 \pm 100 \text{ gf} (1.96 \pm 0.98\text{N})$ 

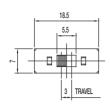
 $300 \pm 100 \text{ gf } (2.94 \pm 0.98 \text{N})$ 

TRAVEL: 2 ± 0.3 mm

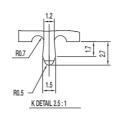
OPERATING TEMPERATURE: -20°C to 70°C

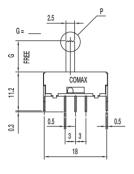
#### **Materials**

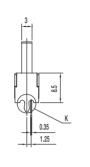


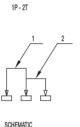


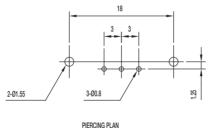




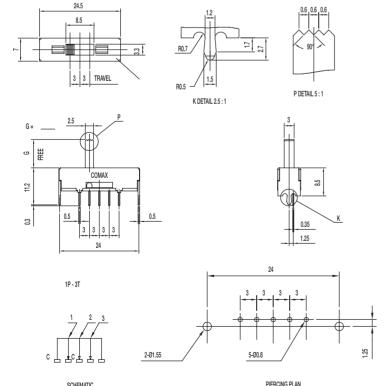








# SS-13F28-G NS 1P3T NON-SHORTING



# **Specifications**

CONTACT RATING: 0.3A @ 30 VDC

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

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

terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load

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

TRAVEL:  $3 \pm 0.3 \text{ mm}$ 

OPERATING TEMPERATURE: -20°C to 70°C

#### **Materials**

KNOB: POM FRAME: SPCC

CONTACT: Silver clad
TERMINAL: Silver plated

### **Specifications**

CONTACT RATING: 0.3A @ 30 VDC

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

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

terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load OPERATING FORCE:  $180 \pm 50$  gf  $(1.76 \pm 0.49N)$ 

 $220 \pm 100 \text{ gf } (2.16 \pm 0.98 \text{N})$ 

TRAVEL:  $3 \pm 0.3 \text{ mm}$ 

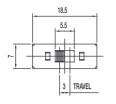
OPERATING TEMPERATURE: -20°C to 70°C

# **Materials**

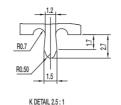
KNOB: POM FRAME: SPCC

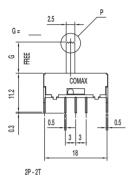


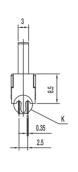
## SS-22F28-G S DPDT SHORTING

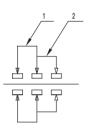


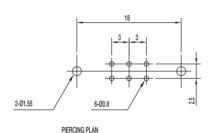










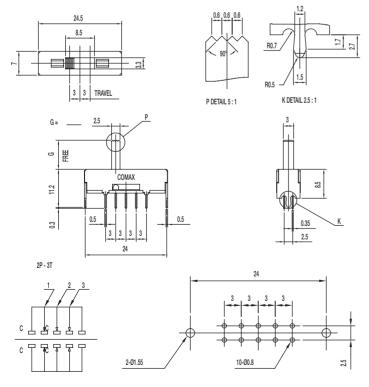


PIERCING PLAN

SCHEMATIC

SCHEMATIC

SS-23F28-G NS L 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)

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.

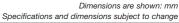
OPERATING LIFE: 10,000 cycles with load OPERATING FORCE: 100 ± 50 gf (0.98 ± 0.49N)

 $150 \pm 50 \text{ gf } (1.47 \pm 0.49 \text{N})$ 

TRAVEL:  $3 \pm 0.3$  mm

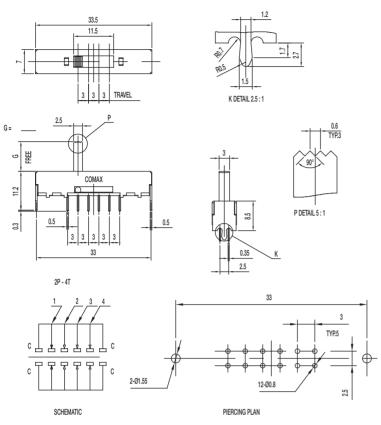
OPERATING TEMPERATURE: -20°C to 70°C

#### **Materials**









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:  $200 \pm 100 \text{ gf} (1.96 \pm 0.98\text{N})$ 

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

TRAVEL: 3 ± 0.3 mm

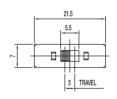
OPERATING TEMPERATURE: -20°C to 70°C

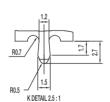
#### **Materials**

KNOB: POM FRAME: SPCC

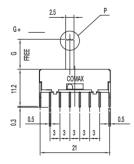
CONTACT: Silver clad TERMINAL: Silver plated

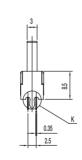
# SS-42F28-G NS 4P2T NON-SHORTING

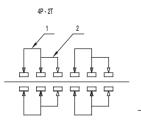


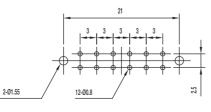












PIERCING PLAN

# **Specifications**

CONTACT RATING: 0.3A @ 30 VDC

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

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

terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load

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

TRAVEL: 3 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

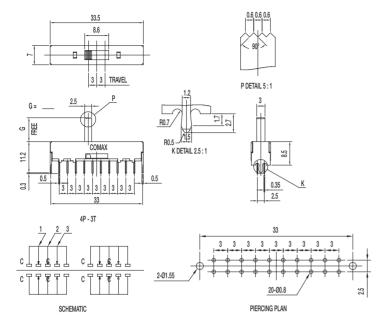
#### **Materials**

KNOB: POM FRAME: SPCC

CONTACT: Silver clad TERMINAL: Silver plated



# SS-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)

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

TRAVEL: 3 ± 0.3 mm

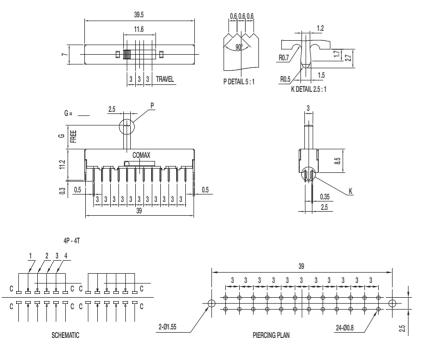
OPERATING TEMPERATURE: -20°C to 70°C

#### **Materials**

KNOB: POM FRAME: SPCC

CONTACT: Silver clad TERMINAL: Silver plated

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



#### **Specifications**

CONTACT RATING: 0.3A @ 30 VDC

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

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

terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load

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

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

TRAVEL: 3 ± 0.3 mm

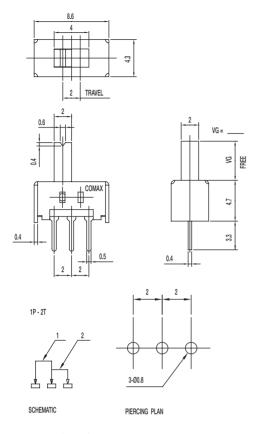
OPERATING TEMPERATURE: -20°C to 70°C

#### **Materials**

KNOB: POM FRAME: SPCC



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



#### **Specifications**

CONTACT RATING: 0.3A @ 30 VDC

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

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

terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load

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

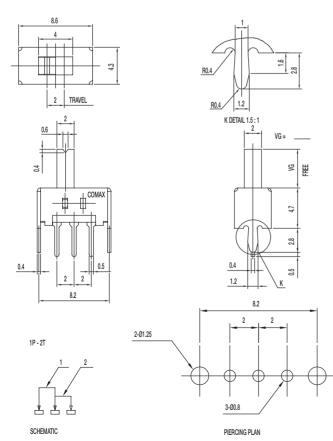
TRAVEL:  $2 \pm 0.3$  mm

OPERATING TEMPERATURE: -20°C to 70°C

#### **Materials**

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

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



# **Specifications**

CONTACT RATING: 0.3A @ 30 VDC

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

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

terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load

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

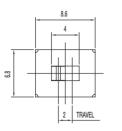
TRAVEL: 2 ± 0.3 mm

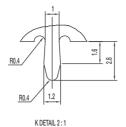
OPERATING TEMPERATURE: -20°C to 70°C

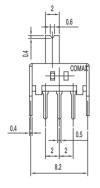
#### **Materials**

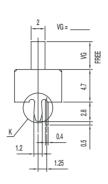


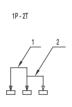
#### SS-12D17-VG NS 1P2T NON-SHORTING

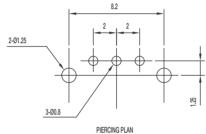








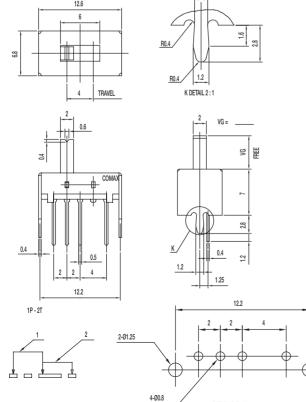




PIERCING PLAN

SCHEMATIC

SS-12H16-VG 1P2T NON-SHORTING



# **Specifications**

CONTACT RATING: 0.3A @ 30 VDC

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

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

terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load

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

TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

#### **Materials**

KNOB: POM
FRAME: SPCC

CONTACT: Silver clad TERMINAL: Silver plated

#### **Specifications**

CONTACT RATING: 0.3A @ 30 VDC

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

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

terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load

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

TRAVEL: 4 ± 0.3 mm

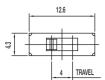
OPERATING TEMPERATURE: -20°C to 70°C

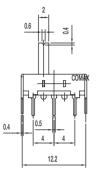
#### **Materials**

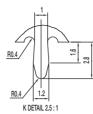
KNOB: POM FRAME: SPCC CONTACT: Silver clad

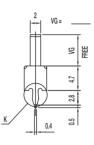
TERMINAL: Silver plated

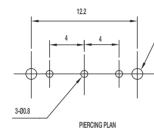














# **Materials**

2-Ø1.25

KNOB: POM FRAME: SPCC

**Specifications** 

CONTACT RATING: 0.3A @ 30 VDC

INITIAL CONTACT RESISTANCE: 30 m ohms max.

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

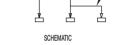
INSULATION RESISTANCE: 100 M ohms min.

OPERATING LIFE: 10,000 cycles with load OPERATING FORCE:  $150 \pm 100 \text{ gf} (1.47 \pm 0.98 \text{N})$ 

OPERATING TEMPERATURE: -20°C to 70°C

CONTACT: Silver clad TERMINAL: Silver plated

TRAVEL: 2 ± 0.3 mm

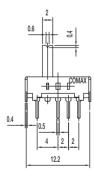


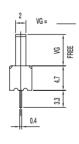
1P - 2T

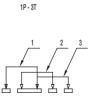
SS-13D06-VG 1P3T

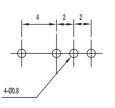












PIERCING PLAN

#### **Specifications**

CONTACT RATING: 0.3A @ 30 VDC

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

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

OPERATING LIFE: 10,000 cycles with load

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

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

TRAVEL: 2 ± 0.3 mm

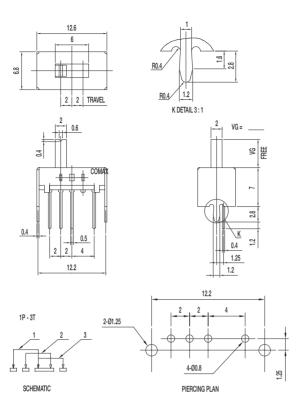
OPERATING TEMPERATURE: -20°C to 70°C

# **Materials**

KNOB: POM FRAME: SPCC

CONTACT: Silver clad TERMINAL: Silver plated





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  $(1.47 \pm 0.49N)$ 

 $200 \pm 100 \text{ gf } (1.96 \pm 0.98 \text{N})$ 

TRAVEL: 2 ± 0.3 mm

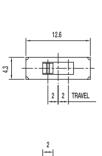
OPERATING TEMPERATURE: -20°C to 70°C

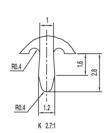
#### Materials

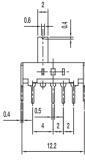
KNOB: POM FRAME: SPCC

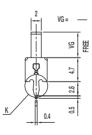
CONTACT: Silver clad TERMINAL: Silver plated

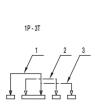
#### SS-13D16-VG 1P3T

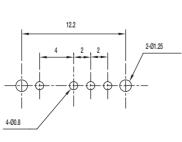












PIERCING PLAN

# **Specifications**

CONTACT RATING: 0.3A @ 30 VDC

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

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

terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load

OPERATING FORCE:  $200 \pm 100 \text{ gf}$  (1.96 ± 0.98N)

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

TRAVEL:  $2 \pm 0.3 \text{ mm}$ 

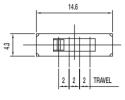
OPERATING TEMPERATURE: -20°C to 70°C

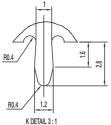
#### **Materials**

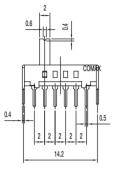
KNOB: POM FRAME: SPCC

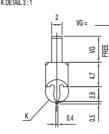
CONTACT: Silver clad TERMINAL: Silver plated

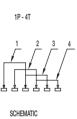


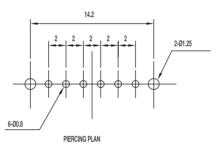




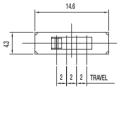


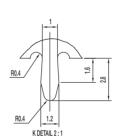


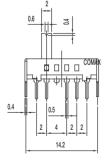


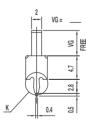


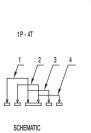
# SS-14D07-VG 1P4T

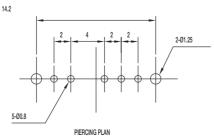












# **Specifications**

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

TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

#### **Materials**

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

#### **Specifications**

CONTACT RATING: 0.3A @ 30 VDC

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

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

terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load OPERATING FORCE:  $200 \pm 100$  gf (1.96  $\pm 0.98N$ )

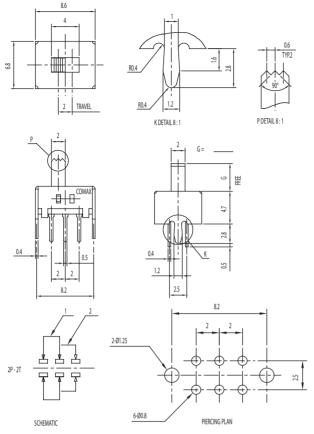
TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

#### **Materials**



#### SS-22D07-VG S DPDT SHORTING



#### **Specifications**

CONTACT RATING: 0.3A @ 30 VDC

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

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

terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load OPERATING FORCE: 250 ± 100 gf (2.45 ± 0.98N)

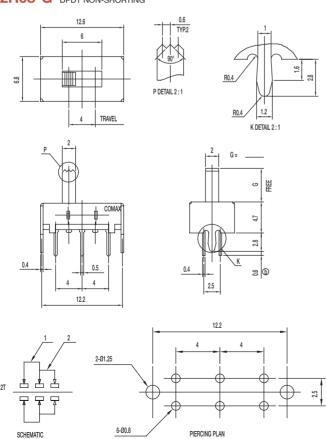
TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

#### **Materials**

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

# SS-22H08-G DPDT NON-SHORTING



#### **Specifications**

CONTACT RATING: 0.3A @ 30 VDC

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

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

terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load OPERATING FORCE:  $200 \pm 100 \text{ gf} (1.96 \pm 0.98 \text{N})$ 

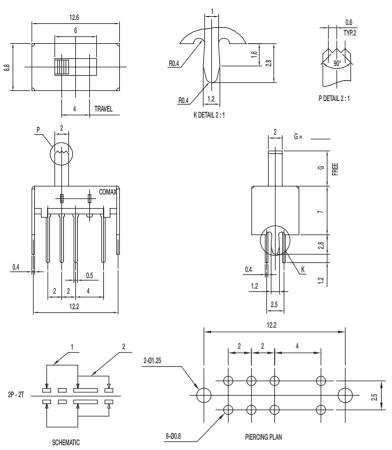
TRAVEL: 4 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

#### **Materials**







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:  $200 \pm 100 \text{ gf} (1.96 \pm 0.98 \text{N})$ 

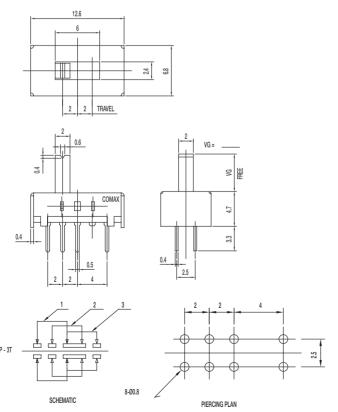
TRAVEL: 4 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

#### **Materials**

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

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



#### **Specifications**

CONTACT RATING: 0.3A @ 30 VDC

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

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

terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load OPERATING FORCE:  $150 \pm 50$  gf  $(1.47 \pm 0.49N)$ 

 $200 \pm 100 \text{ gf } (1.96 \pm 0.98 \text{N})$ 

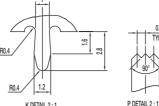
TRAVEL: 2 ± 0.3 mm

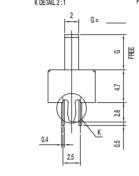
OPERATING TEMPERATURE: -20°C to 70°C

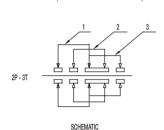
#### **Materials**



COMAX

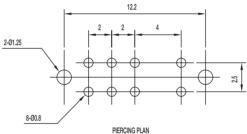




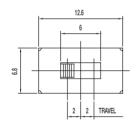


12.2

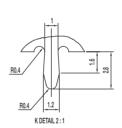
0.4

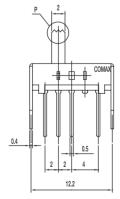


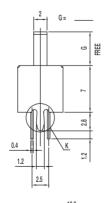
#### SS-23D08-G 2P3T

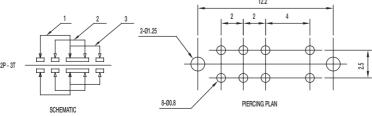












# **Specifications**

CONTACT RATING: 0.3A @ 30 VDC

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

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

OPERATING LIFE: 10,000 cycles with load

OPERATING FORCE:  $250 \pm 150 \text{ gf}$  (2.45 ± 1.47N)

 $300 \pm 150 \text{ gf } (2.94 \pm 1.47 \text{N})$ 

TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 80°C

#### **Materials**

KNOB: PA FRAME: SPCC CONTACT: Silver clad

TERMINAL: Silver plated







#### **Specifications**

CONTACT RATING: 0.3A @ 30 VDC

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

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

OPERATING LIFE: 10,000 cycles with load OPERATING FORCE:  $150 \pm 50 \text{ gf} (1.47 \pm 0.49 \text{N})$ 

 $200 \pm 100 \text{ gf } (1.96 \pm 0.98 \text{N})$ 

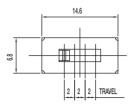
TRAVEL: 2 ± 0.3 mm

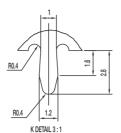
OPERATING TEMPERATURE: -20°C to 70°C

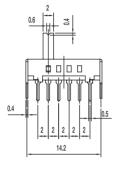
#### **Materials**

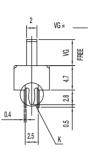
KNOB: POM FRAME: SPCC

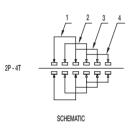


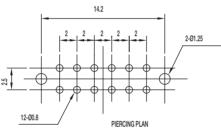












CONTACT RATING: 0.3A @ 30 VDC

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

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

terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load OPERATING FORCE: 250 ± 100 gf (2.45 ± 0.98N)

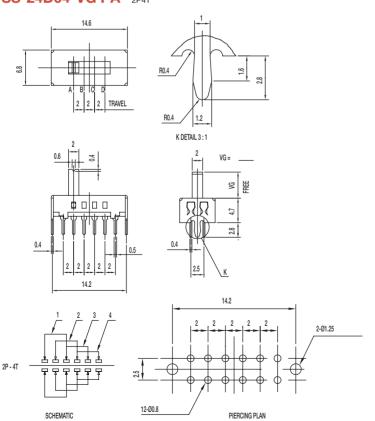
TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

#### **Materials**

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

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



#### **Specifications**

CONTACT RATING: 0.3A @ 30 VDC

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

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

terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load OPERATING FORCE: 250 ± 100 gf (2.45 ± 0.98N)

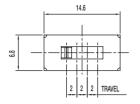
TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

#### **Materials**

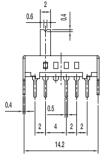


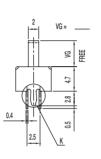
#### SS-24D07-VG PA 2P4T

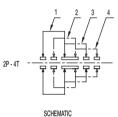


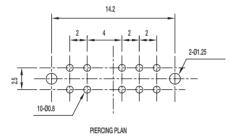


K DETAIL 2:1









**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 af (2.45 ± 0.98N)

TRAVEL: 2 ± 0.3 mm

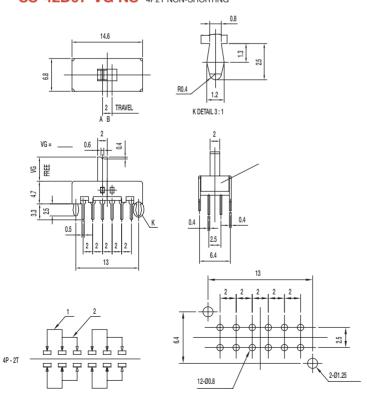
OPERATING TEMPERATURE: -20°C to 70°C

#### **Materials**

KNOB: PA FRAME: SPCC

CONTACT: Silver clad
TERMINAL: Silver plated

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



#### **Specifications**

CONTACT RATING: 0.3A @ 30 VDC

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

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

terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load

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

TRAVEL:  $2 \pm 0.3$  mm

OPERATING TEMPERATURE: -20°C to 70°C

#### **Materials**

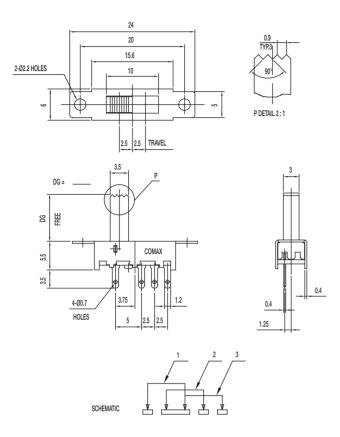
KNOB: POM FRAME: SPCC

CONTACT: Silver clad TERMINAL: Silver plated

SCHEMATIC

PIERCING PLAN





CONTACT RATING: 0.3A @ 30 VDC

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

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

terminals and between the frame and terminal.

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

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

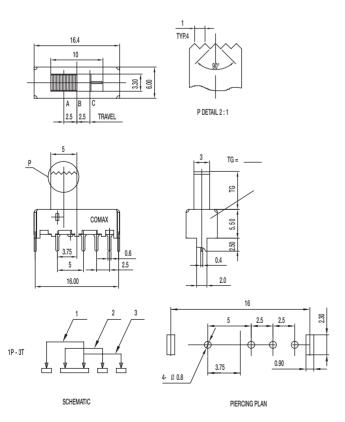
TRAVEL:  $2.5 \pm 0.3$  mm

OPERATING TEMPERATURE: -20°C to 70°C

#### **Materials**

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

#### SS-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:  $200 \pm 100 \text{ gf} (1.96 \pm 0.98\text{N})$ 

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

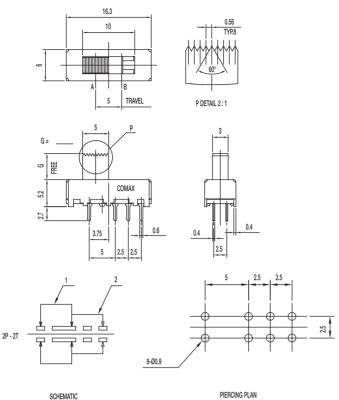
TRAVEL:  $2.5 \pm 0.3$  mm

OPERATING TEMPERATURE: -20°C to 70°C

#### **Materials**



# 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:  $200 \pm 100 \text{ gf} (1.96 \pm 0.98 \text{N})$ 

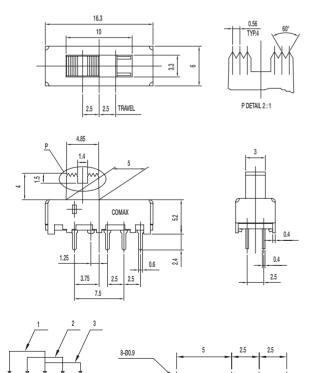
TRAVEL: 5 ± 0.3 mm

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

#### **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:  $200 \pm 100 \text{ gf} (1.96 \pm 0.98 \text{N})$ 

 $300 \pm 100 \text{ gf } (2.94 \pm 0.98 \text{N})$ 

TRAVEL:  $2.5 \pm 0.3$  mm

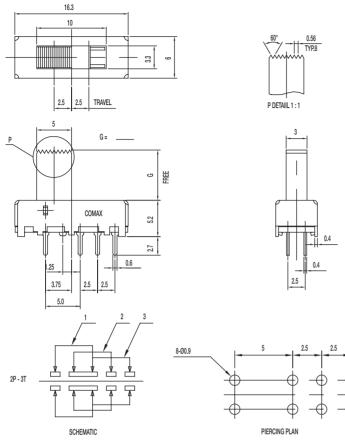
OPERATING TEMPERATURE: -20°C to 70°C

#### **Materials**

KNOB: POM FRAME: SPCC



#### SS-23E06-G 2P3T



#### **Specifications**

CONTACT RATING: 0.3A @ 30 VDC

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

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

terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load

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

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

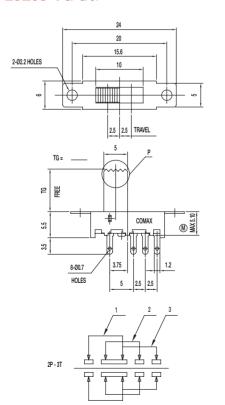
TRAVEL:  $2.5 \pm 0.3$  mm

OPERATING TEMPERATURE: -20°C to 70°C

#### **Materials**

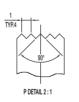
KNOB: POM
FRAME: SPCC
CONTACT: Silver clad
TERMINAL: Silver plated

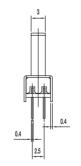
#### **SS-23E08-TG** 2P3T



SCHEMATIC

TG=6,8,9mm Max 5.10mm





#### **Specifications**

CONTACT RATING: 0.3A @ 30 VDC

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

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

terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load

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

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

TRAVEL:  $2.5 \pm 0.3$  mm

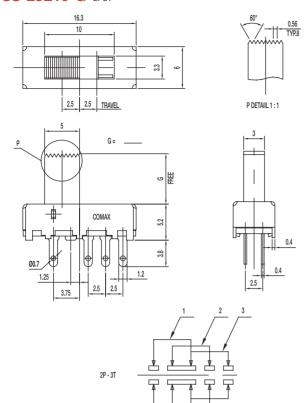
OPERATING TEMPERATURE: -20°C to 80°C

#### **Materials**

KNOB: POM FRAME: SPCC



# SS-23E10-G 2P3T



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)

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

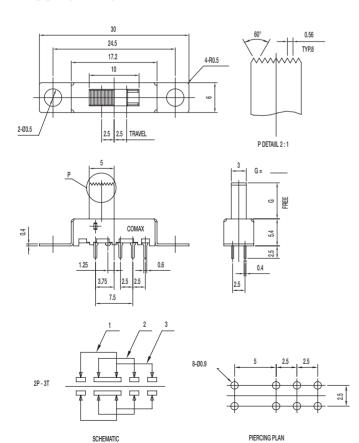
TRAVEL:  $2.5 \pm 0.3$  mm

OPERATING TEMPERATURE: -20°C to 70°C

#### Materials

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

### SS-23E11-G 2P3T



#### **Specifications**

CONTACT RATING: 0.3A @ 30 VDC

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

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

terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load

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

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

TRAVEL: 2.5 ± 0.3 mm

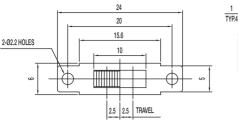
OPERATING TEMPERATURE: -20°C to 70°C

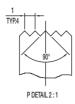
#### **Materials**

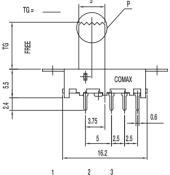


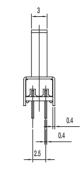
# SS Series Miniature Slide Switches

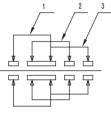
# SS-23E12-TG 2P3T



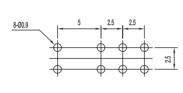






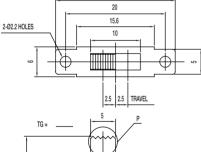


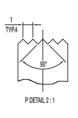
SCHEMATIC

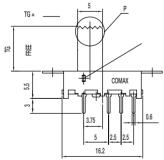


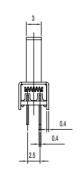
PIERCING PLAN

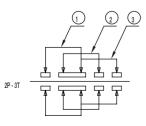
#### SS-23E14-TG NS 2P3T NON-SHORTING



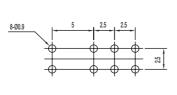








SCHEMATIC



PIERCING PLAN

# **Specifications**

CONTACT RATING: 0.3A @ 30 VDC

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

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

terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load

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

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

TRAVEL:  $2.5 \pm 0.3$  mm

OPERATING TEMPERATURE: -20°C to 70°C

#### **Materials**

KNOB: POM FRAME: SPCC CONTACT: Silver clad

TERMINAL: Silver plated

#### **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:  $200 \pm 100 \text{ gf} (1.96 \pm 0.98 \text{N})$ 

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

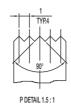
TRAVEL: 2.5 ± 0.3 mm

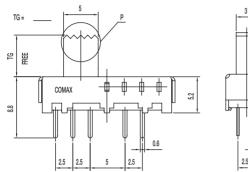
OPERATING TEMPERATURE: -20°C to 70°C

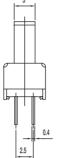
#### **Materials**

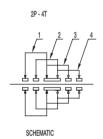
KNOB: POM FRAME: SPCC

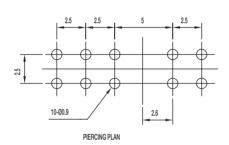




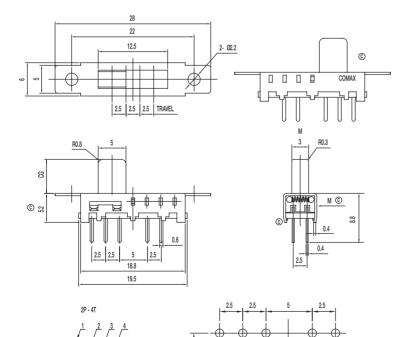








#### SS-24E08-CG 2P4T



10-00.9

PIERCING PLAN

2.6

# **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:  $2.5 \pm 0.3$  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

 $\label{eq:initial} \mbox{INITIAL CONTACT RESISTANCE: 30 m ohms max.} \\ \mbox{INSULATION RESISTANCE: 100 M ohms min.} \\$ 

DIELECTRIC STRENGTH: 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:  $2.5 \pm 0.3$  mm

OPERATING TEMPERATURE: -20°C to 70°C

#### **Materials**

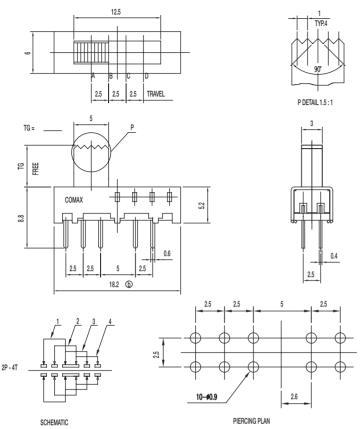
KNOB: POM FRAME: SPCC

CONTACT: Silver clad
TERMINAL: Silver plated



Dimensions are shown: mm Specifications and dimensions subject to change

www.ck-components.com



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

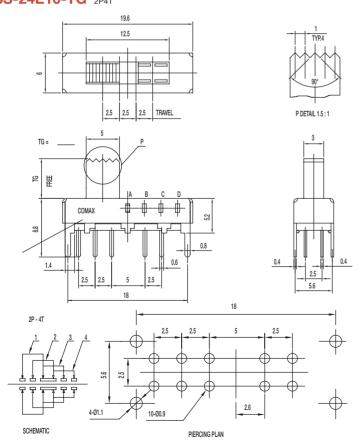
OPERATING TEMPERATURE: -20°C to 70°C

#### **Materials**

KNOB: POM FRAME: SPCC CONTACT: Silver clad

TERMINAL: Silver plated

# SS-24E10-TG 2P4T



# **Specifications**

CONTACT RATING: 0.3A @ 30 VDC

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

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

terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load OPERATING FORCE:  $250 \pm 100$  gf (2.45  $\pm$  0.98N)

TRAVEL:  $2.5 \pm 0.3 \text{ mm}$ 

OPERATING TEMPERATURE: -20°C to 70°C

#### **Materials**

KNOB: POM
FRAME: SPCC



# **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

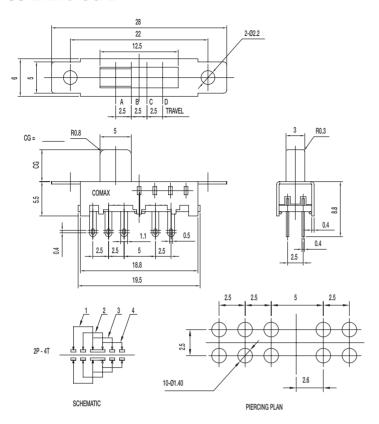
OPERATING FORCE: 250 ± 100 gf (2.45 ± 0.98N)

TRAVEL:  $2.5 \pm 0.3$  mm

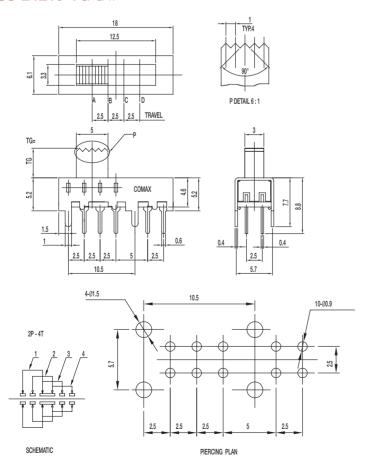
OPERATING TEMPERATURE: -20°C to 70°C

#### **Materials**

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



#### SS-24E19-TG 2P4T



# **Specifications**

CONTACT RATING: 0.3A @ 30 VDC

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

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

terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load OPERATING FORCE:  $250 \pm 100 \text{ gf} (2.45 \pm 0.98\text{N})$ 

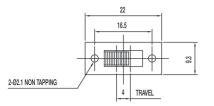
TRAVEL:  $2.5 \pm 0.3$  mm

OPERATING TEMPERATURE: -10°C to 60°C

#### **Materials**



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

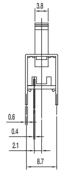


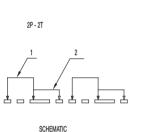


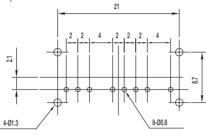
P DETAIL 2:1

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PIERCING PLAN

#### **Specifications**

CONTACT RATING: 0.3A @ 30 VDC

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

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

terminals and between the frame and terminal.

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

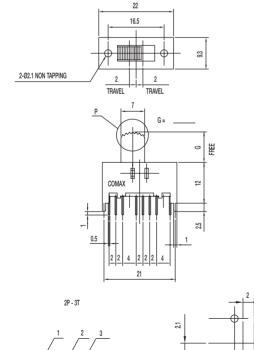
TRAVEL: 4 ± 0.3 mm

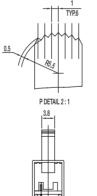
OPERATING TEMPERATURE: -10°C to 60°C

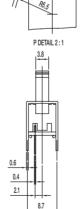
#### **Materials**

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

#### SS-23D10-G 2P3T







# **Materials** KNOB: POM

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:  $200 \pm 100 \text{ gf} (1.96 \pm 0.98 \text{N})$ 

 $300 \pm 150 \text{ gf } (2.94 \pm 1.47 \text{N})$ 

TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

FRAME: SPCC CONTACT: Silver clad



SCHEMATIC

PIERCING PLAN

CONTACT RATING: 0.3A @ 30 VDC

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

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

terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load

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

 $300 \pm 100 \text{ gf } (2.94 \pm 0.98\text{N}); 450 \pm 150 \text{ gf } (4.41 \pm 1.47\text{N})$ 

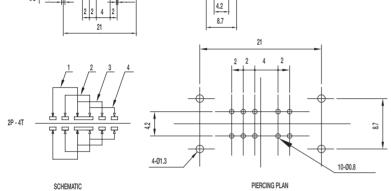
TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

#### Materials

KNOB: POM FRAME: SPCC

CONTACT: Silver clad TERMINAL: Silver plated



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SS-42D11-G 4P2T SHORTING

SS-24D01-M 2P4T

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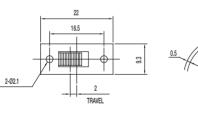
12

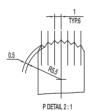
2.5

22

11.5

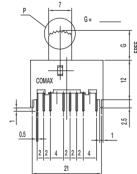
TRAVEL

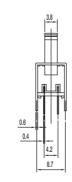


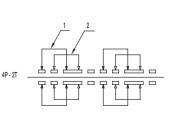


TYP4

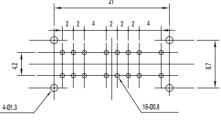
P DETAIL 2:1







SCHEMATIC



PIERCING PLAN

#### **Specifications**

CONTACT RATING: 0.3A @ 30 VDC

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

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

terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load

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

TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

#### **Materials**

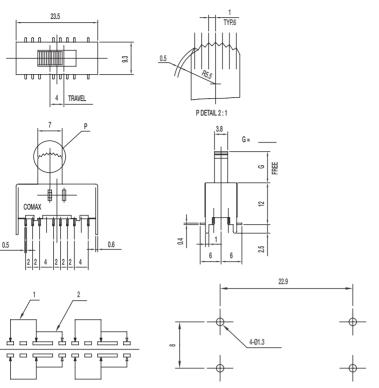
KNOB: POM FRAME: SPCC

CONTACT: Silver clad TERMINAL: Silver plated



Dimensions are shown: mm Specifications and dimensions subject to change

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



PIERCING PLAN

# **Specifications**

CONTACT RATING: 0.3A @ 30 VDC

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

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

terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load

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

TRAVEL:  $4 \pm 0.3$  mm

OPERATING TEMPERATURE: -20°C to 70°C

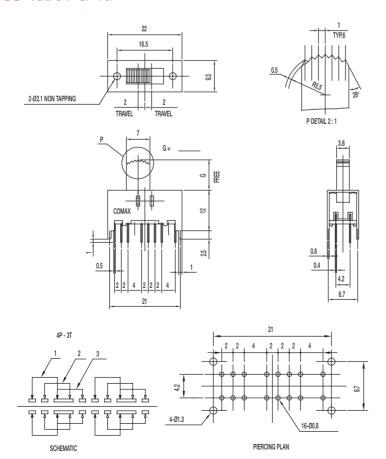
#### **Materials**

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

#### SS-43D01-G 4P3T

SCHEMATIC

4P - 2T



#### **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:  $200 \pm 100 \text{ gf} (1.96 \pm 0.98 \text{N})$ 

 $300 \pm 150 \text{ gf } (2.94 \pm 1.47 \text{N})$ 

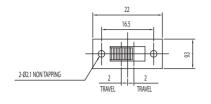
TRAVEL:  $2 \pm 0.3 \text{ mm}$ 

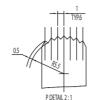
OPERATING TEMPERATURE: -20°C to 70°C

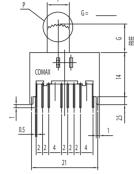
#### **Materials**

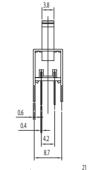


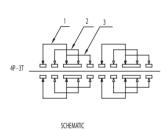
# **SS-43D02-G** 4P3T

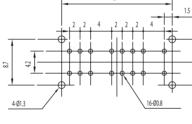












PIERCING PLAN

#### **Specifications**

CONTACT RATING: 0.3A @ 30 VDC

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

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

terminals and between the frame and terminal.

OPERATING LIFE: 10,000 cycles with load

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

 $300 \pm 150 \text{ gf } (2.94 \pm 1.47 \text{N})$ 

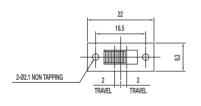
TRAVEL: 2 ± 0.3 mm

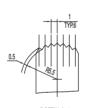
OPERATING TEMPERATURE: -20°C to 70°C

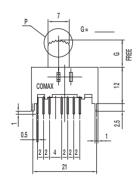
#### Materials

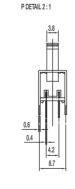
KNOB: POM
FRAME: SPCC
CONTACT: Silver clad
TERMINAL: Silver plated

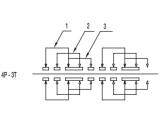
#### SS-43D03-G 4P3T



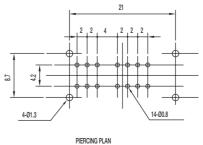








SCHEMATIC



# Materials

TRAVEL: 2 ± 0.3 mm

**Specifications** 

CONTACT RATING: 0.3A @ 30 VDC

OPERATING LIFE: 10,000 cycles with load OPERATING FORCE:  $200 \pm 100$  gf (1.96  $\pm 0.98N$ )

OPERATING TEMPERATURE: -20°C to 70°C

 $300 \pm 150 \text{ gf } (2.94 \pm 1.47 \text{N})$ 

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

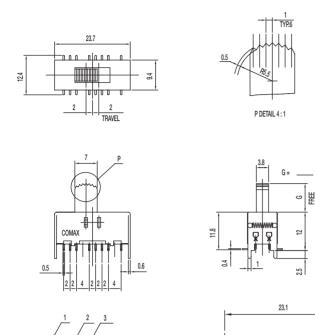
DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal.

KNOB: POM
FRAME: SPCC
CONTACT: Silver clad

TERMINAL: Silver plated



4P - 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:  $200 \pm 100 \text{ gf} (1.96 \pm 0.98 \text{N})$ 

 $350 \pm 150 \text{ gf } (3.43 \pm 1.47 \text{N})$ 

TRAVEL: 2 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

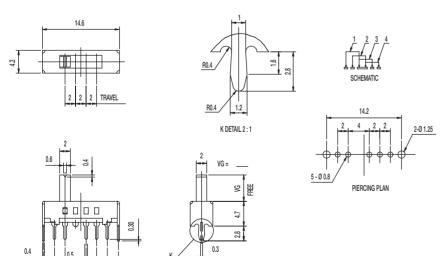
#### **Materials**

KNOB: POM FRAME: SPCC

CONTACT: Silver clad TERMINAL: Silver plated

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

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 without load; 5,000 cycles

with load

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

TRAVEL:  $2 \pm 0.3$  mm

OPERATING TEMPERATURE: -20°C to 70°C

#### **Materials**

KNOB: PA
FRAME: SPCC
CONTACT: Silver clad

TERMINAL: Silver plated



14.2

PIERCING PLAN