# NEW!

# PS Series Pushbutton Switches

## Features/Benefits

- Latching pushbutton
- Non-shorting with lock
- 4.5mm travel
- SPDT

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## Specifications

CONTACT RATING: 1A @ 14 VDC INITIAL CONTACT RESISTANCE: 100 m ohms max. INSULATION RESISTANCE: 100 M ohms min. DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal. OPERATING LIFE: 20,000 cycles with load OPERATING FORCE: 400 ± 100 gf OPERATING POSITION: 3.6 ± 0.2 mm TOTAL TRAVEL: 5 ± 0.3 mm OPERATING TEMPERATURE: -20°C to 70°C

## **Typical Applications**

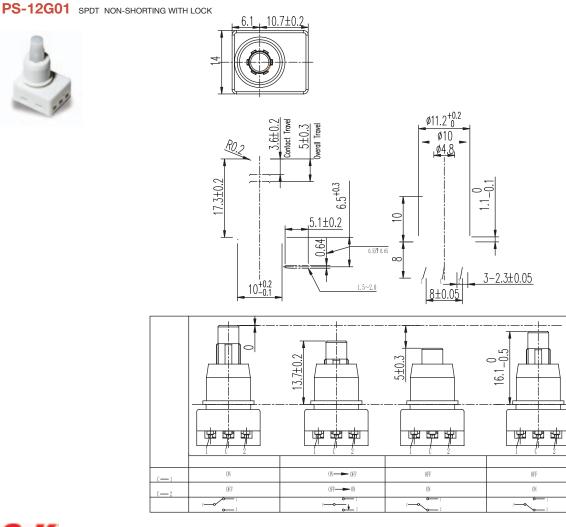
- Automotive interior lighting
- Computer peripherals
- Appliances



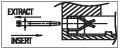
## Materials

KNOB: POM (UL 94HB) Lock version HOUSING: PBT (UL 94V-0) COVER: PBT (UL 94V-0) ROTOR: PBT (UL 94V-0) SLIDER: POM (UL 94HB) TERMINAL: Phospher bronze, silver plated SPRING: SUS CONTACT: Phospher bronze

NOTE: Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, please contact Customer Service.







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#### **Specifications**

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Pushbutton

CONTACT RATING: 2.2A @ 14.5 VDC INITIAL CONTACT RESISTANCE: 50 m ohms max. INSULATION RESISTANCE: 100 M ohms min. DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal. OPERATING LIFE: 20,000 cycles with load OPERATING FORCE: 650 ± 200 gf OPERATING FORCE: 650 ± 200 gf OPERATING POSITION: 4.00 ± 0.2 mm TOTAL TRAVEL: 4.5 ± 0.3 mm OPERATING TEMPERATURE: -40°C to 85°C

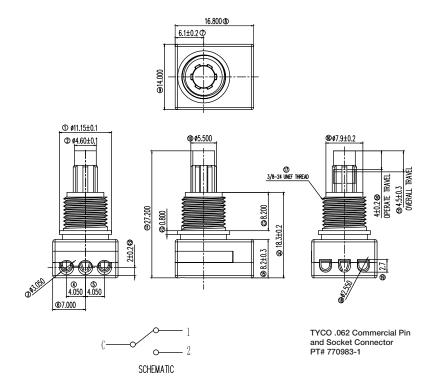
#### Materials

KNOB: POM (UL 94HB) HOUSING: Housing A: PBT (UL 94V-0) Housing B: PA (UL 94V-0) COVER: PBT (UL 94V-0) ROTOR: PBT (UL 94V-0) SLIDER: POM (UL 94HB) TERMINAL: Brass, silver plated SPRING: SUS CONTACT: Phospher bronze, silver plated

NOTE: Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, please contact Customer Service.

#### PS-12G03 SPDT NON-SHORTING WITH LOCK







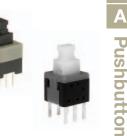
## Features/Benefits

- Broad range of products
- Momentary or latching options
- Robust control for automotive
- Compact miniature push switch
- Shorting or non-shorting
- Custom design available

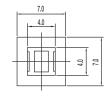
## **Typical Applications**

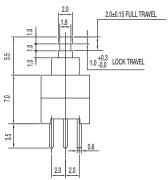
NEW!

- Consumer electronics
- Computer peripherals
- Telecommunications
- Audio and visual equipment
- Medical
- Automotive

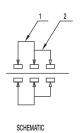


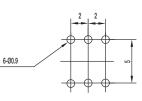
#### PS-2203-L NS PA DPDT NON-SHORTING WITH LOCK PS-2203-F NS PA DPDT NON-SHORTING











PIERCING PLAN

## Specifications

CONTACT RATING: 0.1A @ 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) LOCK TRAVEL: 1 + 0.30/ -0.00 mm TOTAL TRAVEL: 2 ± 0.15 mm OPERATING TEMPERATURE: -20°C to 70°C

#### **Materials**

KNOB: POM (UL 94HB) Lock version KNOB: No lock version HOUSING: PA (UL 94HB) COVER: POM (UL 94HB) TERMINAL: Silver plated CONTACT CLIP: Silver plated SPRING: SUS

**NOTE:** Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, please contact Customer Service.



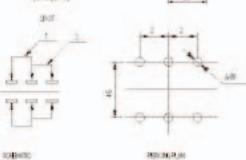
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# PS Series Pushbutton Switches

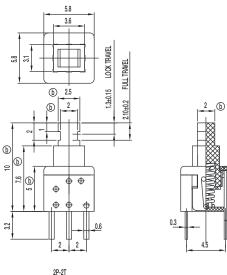


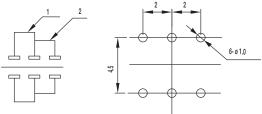
-2214-F NS PA DPDT NON-SHORTING

NS PA DPDT NON-SHORTING WITH LOCK



## PS-221605-L NS PA DPDT NON-SHORTING WITH LOCK PS-221605-F NS PA DPDT NON-SHORTING





PIFRCING PLAN

## Specifications

CONTACT RATING: 0.1A @ 30 VDC INITIAL CONTACT RESISTANCE: 80 m ohms max. INSULATION RESISTANCE: 100 M ohms min. DIELECTRIC STRENGTH: 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) LOCK TRAVEL: 1.45 ± 0.1 mm TOTAL TRAVEL: 2.3 ± 0.2 mm OPERATING TEMPERATURE: -20°C to 70°C

#### **Materials**

KNOB: POM (UL 94HB) Lock version KNOB: PA (UL 94V-2) No lock version HOUSING: PA (UL 94V-0) COVER: PA (UL 94V-2) TERMINAL: Silver plated SPRING: SUS

**NOTE:** Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, please contact Customer Service.

## **Specifications**

CONTACT RATING: 0.1A @ 30 VDC / 2A @ 2 VDC INITIAL CONTACT RESISTANCE: 80 m ohms max. INSULATION RESISTANCE: 100 M ohms min. DIELECTRIC STRENGTH: 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) LOCK TRAVEL: 1.3 ± 0.15 mm TOTAL TRAVEL: 2.1 ± 0.2 mm

TOTAL TRAVEL: 2.1  $\pm$  0.2 mm OPERATING TEMPERATURE: -20°C to 70°C

## Materials

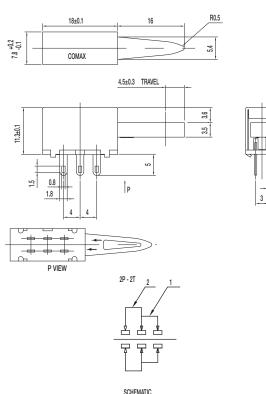
KNOB: POM (UL 94HB) Lock version KNOB: No lock version HOUSING: PA (UL 94V-0) COVER: PC (UL 94HB) TERMINAL: Silver plated SPRING: SUS

**NOTE:** Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, please contact Customer Service.

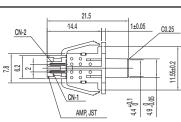


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## PS-22105 DPDT NON-SHORTING



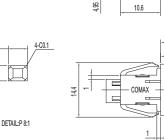


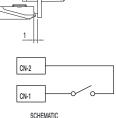


9.2









3.4 +0.1 3.9 -0.05

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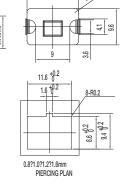
6.3

7.1±0.15

6.2±0.35

0.5

55+0.2 7.8



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0.5



NEW!

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: 400 ± 150 gf (3.92 ± 1.47N) TOTAL TRAVEL: 4.5 ± 0.3 mm OPERATING TEMPERATURE: -20°C to 70°C

#### **Materials**

FRAME: SECC KNOB: POM (UL 94HB) CONTACT PLATE: Silver clad SPRING: SUS TERMINAL: Silver plated

options. For information on specific and custom switches, please contact Customer Service. NOTE: Specifications and materials listed above are for switches with standard

#### **Specifications**

CONTACT RATING: 100 µ A @ 3 VDC min. / 10mA @ 5 VDC max INITIAL CONTACT RESISTANCE: 100 m ohms max. INSULATION RESISTANCE: 100 M ohms min. DIELECTRIC STRENGTH: 250 V AC (50-60 Hz) between open terminals and between the frame and terminal. OPERATING LIFE: 100,000 cycles with load OPERATING FORCE: 50 ± 15 gf (0.49 ± 0.147N) PRE-TRAVEL: 6.20 ± 0.35 mm OPERATING TEMPERATURE: -40°C to 85°C

#### **Materials**

KNOB: POM (UL 94HB) COVER: PA (UL 94V-0) HOUSING: PA (UL 94V-0) SPRING: SUS **TERMINAL: Silver plated** 

NOTE: Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, please contact Customer Service.





#### Specifications

CONTACT RATING: 100 µ A @ 3 VDC min. / 10mA @ 5 VDC max
INITIAL CONTACT RESISTANCE: 100 m ohms max.
INSULATION RESISTANCE: 100 M ohms min.
DIELECTRIC STRENGTH: 250 V AC (50-60 Hz) between open terminals and between the frame and terminal.
OPERATING LIFE: 100,000 cycles with load
OPERATING FORCE: 80 ± 20 gf (0.784 ± 0.196N)
PRE-TRAVEL: 1.5 ± 0.3 mm
OVER-TRAVEL: 3.5 ± 0.3 mm
OPERATING TEMPERATURE: -20°C to 65°C

#### **Materials**

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22.5±0.2

KNOB: POM (UL 94HB) COVER: PA (UL 94V-0) HOUSING: PA (UL 94V-0) SPRING: SUS TERMINAL: Silver plated

**NOTE:** Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, please contact Customer Service.

#### **Specifications**

CONTACT RATING: 100 µ A @ 3 VDC min. / 10mA @ 5 VDC max INITIAL CONTACT RESISTANCE: 100 m ohms max. INSULATION RESISTANCE: 100 M ohms min. DIELECTRIC STRENGTH: 250 V AC (50-60 Hz) between open terminals and between the frame and terminal. OPERATING LIFE: 100,000 cycles with load OPERATING FORCE: 80 ± 20 gf (0.784 ± 0.196N) PRE-TRAVEL: 1.5 ± 0.3 mm OVER-TRAVEL: 3.5 ± 0.3 mm OVER-TRAVEL: 5 ± 0.3 mm OPERATING TEMPERATURE: -20°C to 65°C

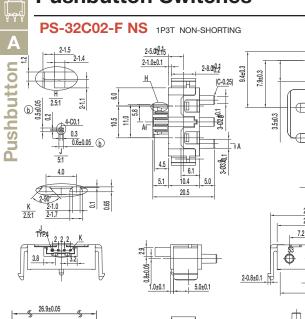
#### **Materials**

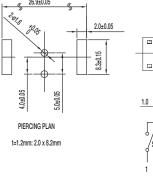
KNOB: POM (UL 94HB) COVER: PA (UL 94V-0) HOUSING: PA (UL 94V-0) SPRING: SUS TERMINAL: Silver plated

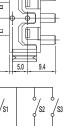
**NOTE:** Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, please contact Customer Service.

Dimensions are shown: mm Specifications and dimensions subject to change

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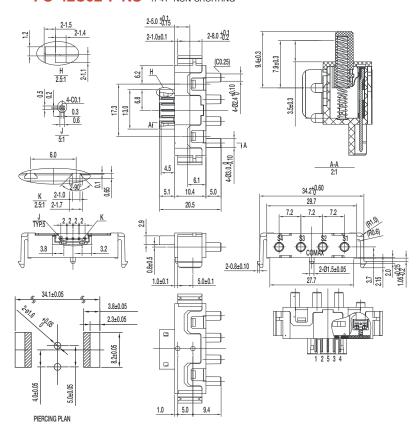






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## PS-42C02-F NS 1P4T NON-SHORTING

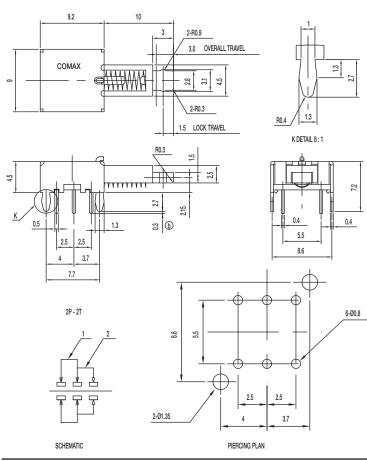


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# NEW!

# PS Series Pushbutton Switches

## PS-22C08-G10 NS DPDT NON-SHORTING



#### Specifications

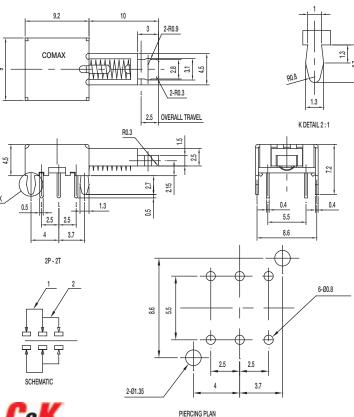
CONTACT RATING: 0.3A @ 30 VDC INITIAL CONTACT RESISTANCE: 30 m ohms max. INSULATION RESISTANCE: 100 M ohms min. DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal. OPERATING LIFE: 10,000 cycles without load OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N) LOCK TRAVEL: 1.5 ± 0.3 mm OVER-TRAVEL: 3 ± 0.3 mm OPERATING TEMPERATURE: -20°C to 70°C

## **Materials**

FRAME: SPCC KNOB: POM (UL 94HB) CONTACT: Silver plated SPRING: SUS TERMINAL: Silver plated

**NOTE:** Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, please contact Customer Service.

## PS-22E08-G10 NS 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 without load OPERATING FORCE: 200 ± 100 gf (1.96 ± 0.98N) TOTAL TRAVEL: 2.5 ± 0.3 mm OPERATING TEMPERATURE: -20°C to 70°C

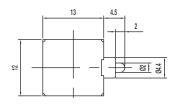
#### Materials

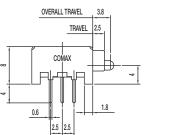
FRAME: SPCC KNOB: POM (UL 94HB) CONTACT: Silver plated SPRING: SUS TERMINAL: Silver plated

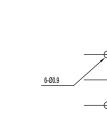
**NOTE:** Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, please contact Customer Service.

Dimensions are shown: mm Specifications and dimensions subject to change

## PS-22E09-G 4.5 NS DPDT NON-SHORTING









0.4

6.5

2.5 2.5

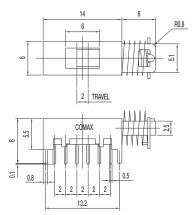
0.5

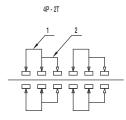
6.5

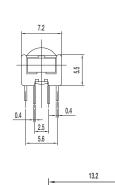
## PS-42D09-NS 4P2T NON-SHORTING

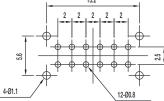
2P - 2T

SCHEMATIC









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: 70 ± 20 gf (0.686 ± 0.196N) TRAVEL: 2.5 ± 0.3 mm TOTAL TRAVEL: 3.8 ± 0.3 mm

NEW!

Materials

FRAME: SPCC KNOB: POM (UL 94HB) CONTACT: Silver plated SPRING: SUS TERMINAL: Silver plated

OPERATING TEMPERATURE: -20°C to 70°C

**NOTE:** Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, please contact Customer Service.

## Specifications

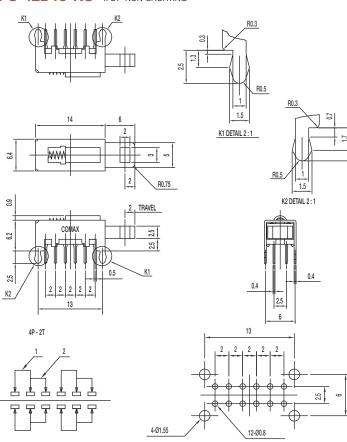
CONTACT RATING: 0.3A @ 30 VDC INITIAL CONTACT RESISTANCE: 30 m ohms max. INSULATION RESISTANCE: 100 M ohms min. DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal. OPERATING LIFE: 10,000 cycles with load OPERATING FORCE: 250 ± 100 gf (2.45 ± 0.98N) TRAVEL: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

#### **Materials**

FRAME: SPCC KNOB: POM (UL 94HB) CONTACT PLATE: Silver plated SPRING: Steel TERMINAL: Silver plated

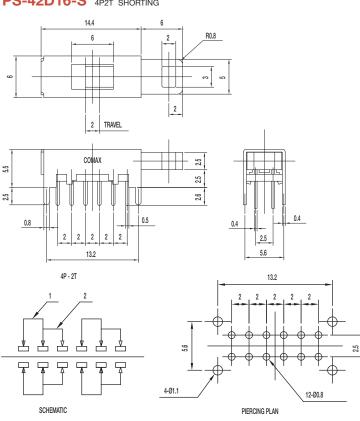
NOTE: Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, please contact Customer Service.

#### PS-42D13-NS 4P2T NON-SHORTING



#### SCHEMATIC

PS-42D16-S 4P2T SHORTING



PIERCING PLAN

## Specifications

NEW!

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**

FRAME: SPCC KNOB: POM (UL 94HB) CONTACT: Silver plated SPRING: Steel TERMINAL: Silver plated

**NOTE:** Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, please contact Customer Service.

#### **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: 60 ± 30 gf (0.59 ± 0.29N) TRAVEL: 2 ± 0.3 mm OPERATING TEMPERATURE: -20°C to 70°C

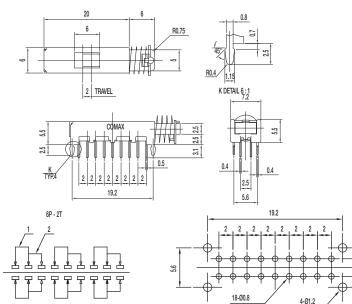
#### Materials

FRAME: SPCC KNOB: POM (UL 94HB) CONTACT: Silver plated TERMINAL: Silver plated

**NOTE:** Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, please contact Customer Service.

Dimensions are shown: mm Specifications and dimensions subject to change

PS-62D10-S 6P2T 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: 250 ± 100 gf (2.45 ± 0.98N) TRAVEL: 2 ± 0.3 mm OPERATING TEMPERATURE: -20°C to 70°C

NEW!

## **Materials**

FRAME: SPCC KNOB: POM (UL 94HB) CONTACT: Silver plated SPRING: Steel **TERMINAL: Silver plated** 

**Specifications** 

TRAVEL: 2 ± 0.3 mm

KNOB: POM (UL 94HB)

CONTACT PLATE: Silver plated

**Materials** 

FRAME: SPCC

SPRING: Steel

TERMINAL: SUS

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.

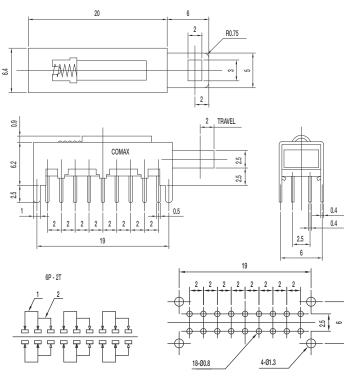
OPERATING FORCE: 300 ± 100 gf (2.94 ± 0.98N)

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

**NOTE:** Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, please contact Customer Service.

NOTE: Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, please contact Customer Service.

# PS-62D13-S 6P2T SHORTING



PIERCING PLAN

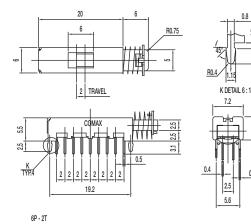
SCHEMATIC

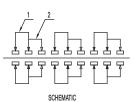
C&K

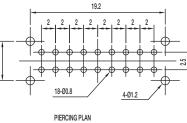


Specifications and dimensions subject to change

#### PS-62D15-S 6P2T SHORTING



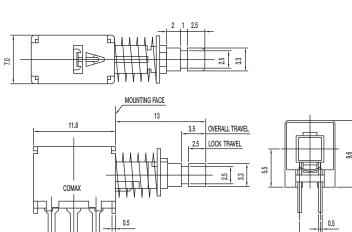




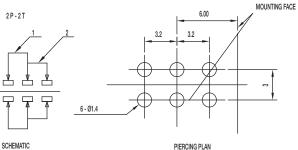
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## PS-22E02-G13 S DPDT SHORTING WITH LOCK

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## **Specifications**

NEW!

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**

FRAME: SPCC KNOB: POM (UL 94HB) CONTACT: Silver plated SPRING: Steel TERMINAL: Silver plated

NOTE: Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, please contact Customer Service.

#### **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: 300 ± 100 gf (2.94 ± 0.98N) LOCK TRAVEL: 2.5 ± 0.3 mm TOTAL TRAVEL: 3.5 ± 0.3 mm OPERATING TEMPERATURE: -20°C to 70°C

#### **Materials**

FRAME: SPCC KNOB: POM (UL 94HB) CONTACT: Silver plated SPRING: Steel **TERMINAL: Silver plated** 

**NOTE:** Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, please contact Customer Service.

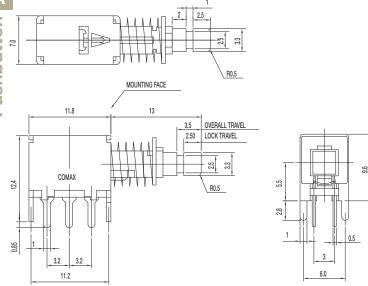
Dimensions are shown: mm Specifications and dimensions subject to change

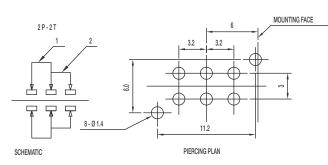
A Pushbutton

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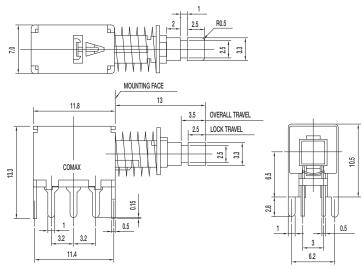


## PS-22E04-G13 NS DPDT NON-SHORTING WITH LOCK

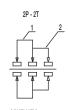


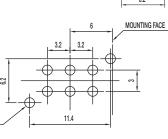


## PS-22E44-G13 NS DPDT NON-SHORTING WITH LOCK



8-Ø1.4





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: 300 ± 100 gf (2.94 ± 0.98N) LOCK TRAVEL: 2.5 ± 0.3 mm TOTAL TRAVEL: 3.5 ± 0.3 mm OPERATING TEMPERATURE: -20°C to 70°C

## Materials

FRAME: SPCC KNOB: POM (UL 94HB) CONTACT: Silver plated SPRING: Steel TERMINAL: Silver plated

**NOTE:** Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, please contact Customer Service.

#### **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: 300 ± 100 gf (2.94 ± 0.98N) LOCK TRAVEL: 2.5 ± 0.3 mm TOTAL TRAVEL: 3.5 ± 0.3 mm OPERATING TEMPERATURE: -20°C to 70°C

#### **Materials**

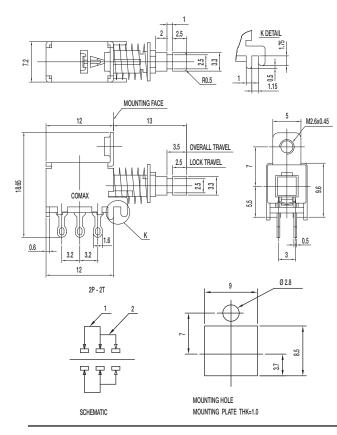
FRAME: SPCC KNOB: POM (UL 94HB) CONTACT: Silver plated SPRING: Steel TERMINAL: Silver plated

**NOTE:** Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, please contact Customer Service.

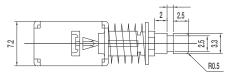
Dimensions are shown: mm Specifications and dimensions subject to change

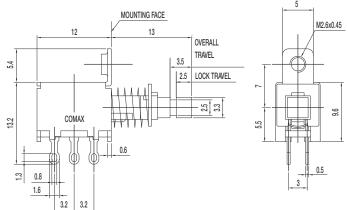
A-152

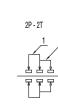
## PS-22E75-G13 NS DPDT NON-SHORTING WITH LOCK

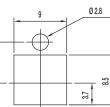


## PS-22E95-G13 NS DPDT NON-SHORTING WITH LOCK









MOUNTING HOLE

MOUNTING PLATE THK=1.0



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

NEW!

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: 300 ± 100 gf (2.94 ± 0.98N)
LOCK TRAVEL: 2.5 ± 0.3 mm
TOTAL TRAVEL: 3.5 ± 0.3 mm
OPERATING TEMPERATURE: -20°C to 70°C

#### **Materials**

FRAME: SPCC KNOB: POM (UL 94HB) CONTACT: Silver plated SPRING: Steel TERMINAL: Silver plated

**NOTE:** Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, please contact Customer Service.

## Specifications

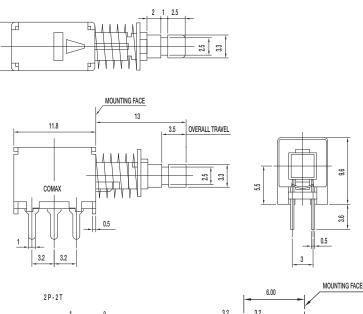
CONTACT RATING: 0.3A @ 30 VDC INITIAL CONTACT RESISTANCE: 30 m ohms max. INSULATION RESISTANCE: 100 M ohms min. DIELECTRIC STRENGTH: 500 V AC (50-60 Hz) between open terminals and between the frame and terminal. OPERATING LIFE: 10,000 cycles with load OPERATING FORCE: 300 ± 100 gf (2.94 ± 0.98N) LOCK TRAVEL: 2.5 ± 0.3 mm TOTAL TRAVEL: 3.5 ± 0.3 mm OPERATING TEMPERATURE: -20°C to 70°C

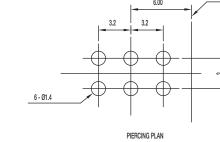
#### **Materials**

FRAME: SPCC KNOB: POM (UL 94HB) CONTACT: Silver plated SPRING: Steel TERMINAL: Silver plated

**NOTE:** Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, please contact Customer Service.

## PS-22F02-G13 S DPDT SHORTING

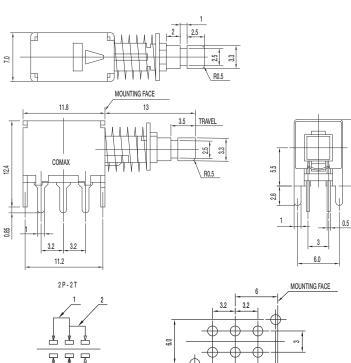




## PS-22F04-G13 NS DPDT NON\_SHORTING

**F** 

SCHEMATIC



8-Ø1.4

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: 300 ± 100 gf (2.94 ± 0.98N) TOTAL TRAVEL: 3.5 ± 0.3 mm OPERATING TEMPERATURE: -20°C to 70°C

NEW!

## **Materials**

FRAME: SPCC KNOB: POM (UL 94HB) CONTACT: Silver plated SPRING: Steel **TERMINAL: Silver plated** 

NOTE: Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, please contact Customer Service.

## **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: 300 ± 100 gf (2.94 ± 0.98N) TOTAL TRAVEL: 3.5 ± 0.3 mm OPERATING TEMPERATURE: -20°C to 70°C

## **Materials**

3.6

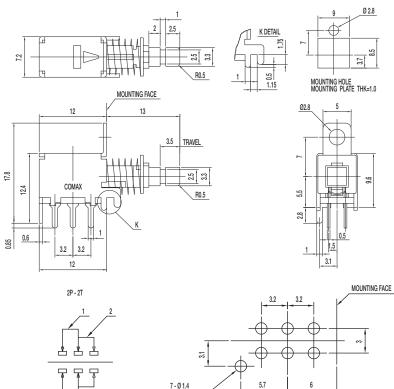
FRAME: SPCC KNOB: POM (UL 94HB) CONTACT: Silver plated SPRING: Steel **TERMINAL: Silver plated** 

NOTE: Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, please contact Customer Service.

C&K

SCHEMATIC

## PS-22F24-G13 NS DPDT NON\_SHORTING

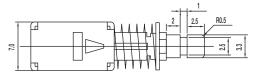


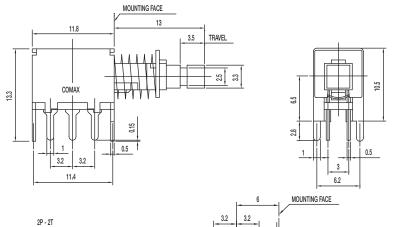


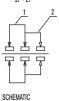
SCHEMATIC

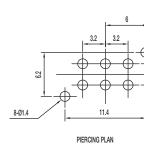
PIERCING PLAN

## PS-22F44-G13 NS 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: 300 ± 100 gf (2.94 ± 0.98N) TOTAL TRAVEL: 3.5 ± 0.3 mm

OPERATING TEMPERATURE: -20°C to 70°C

#### **Materials**

FRAME: SPCC KNOB: POM (UL 94HB) CONTACT: Silver plated SPRING: Steel TERMINAL: Silver plated

NOTE: Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, please contact Customer Servic

#### **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: 300 ± 100 gf (2.94 ± 0.98N) TOTAL TRAVEL: 3.5 ± 0.3 mm OPERATING TEMPERATURE: -20°C to 70°C

#### **Materials**

FRAME: SPCC KNOB: POM (UL 94HB) CONTACT: Silver plated SPRING: Steel **TERMINAL: Silver plated** 

NOTE: Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, please contact Customer Service