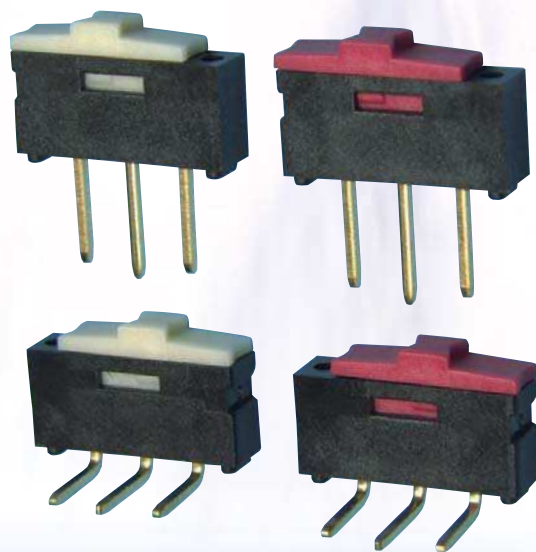




SLIDE SWITCHES

CL-SA



A *Nidec* Group Company

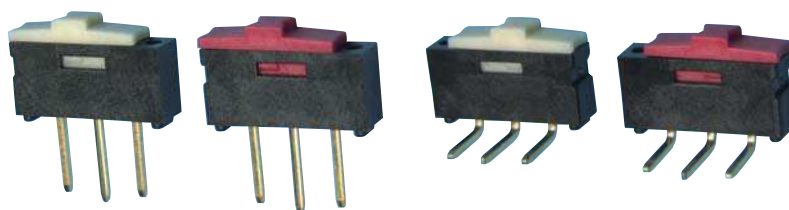
COPAL ELECTRONICS

All for dreams

■ Ideal for replacing jumper pins

SLIDE SWITCHES

CL-SA



►FEATURES

- Correspond to rating current 500mA
- Possible to continue mounting with 2.54mm pitch
- RoHS compliant

►APPLICATION

- Inverters
- Broadcast equipment camera
- Monitoring camera
- Switching equipment
- Portable base station
- Telecommunication equipment
- Industrial equipment etc.

►PART NUMBER DESIGNATION

| | | |
|-------------------|---|------------------------------------|
| Series name | CL-SA-12C-02 | From of packaging |
| No. of poles | 1: 1 pole | Blank: Bulk in Plastic bag |
| No. of positions | 2: 2 positions | Contact material |
| Shape of terminal | C: PC terminal C4: PC terminal-R/A (Right angle) | 2: Gold |
| | | Knob length • Color |
| | | 0: Short • White 2: Short • Red |

►STANDARD SPECIFICATIONS

| | |
|-----------------------------|--------------|
| Operating temperature range | -40 ~ 85 °C |
| Storage temperature range | |
| Sealing | Non Washable |

►MECHANICAL CHARACTERISTICS

| | | |
|-----------------|---|---------------|
| Stroke | 1.6mm | |
| Operation force | 2.5±1.5N {0.26±0.15 kgf} | |
| Load life | Rated load | 2,000 cycles |
| | No load | 10,000 cycles |
| Soldering heat | Flow 260±3°C 5~6s, 2 times max. ※Except R/A terminal (CL-SA-12C4-*2) | |
| | Manual soldering 380±10°C, 3~4s | |

►ELECTRICAL CHARACTERISTICS

| | | |
|----------------------------|-------------------------|-------------|
| Contact rating | Non-switching | DC50V 500mA |
| | Switching | DC12V 500mA |
| | Minimum | DC20mV 1μA |
| Initial contact resistance | 22mΩ max. | |
| Insulation resistance | 10,000MΩ min. (DC 100V) | |
| Dielectric voltage | AC500V 60s | |

►PACKAGING SPECIFICATION

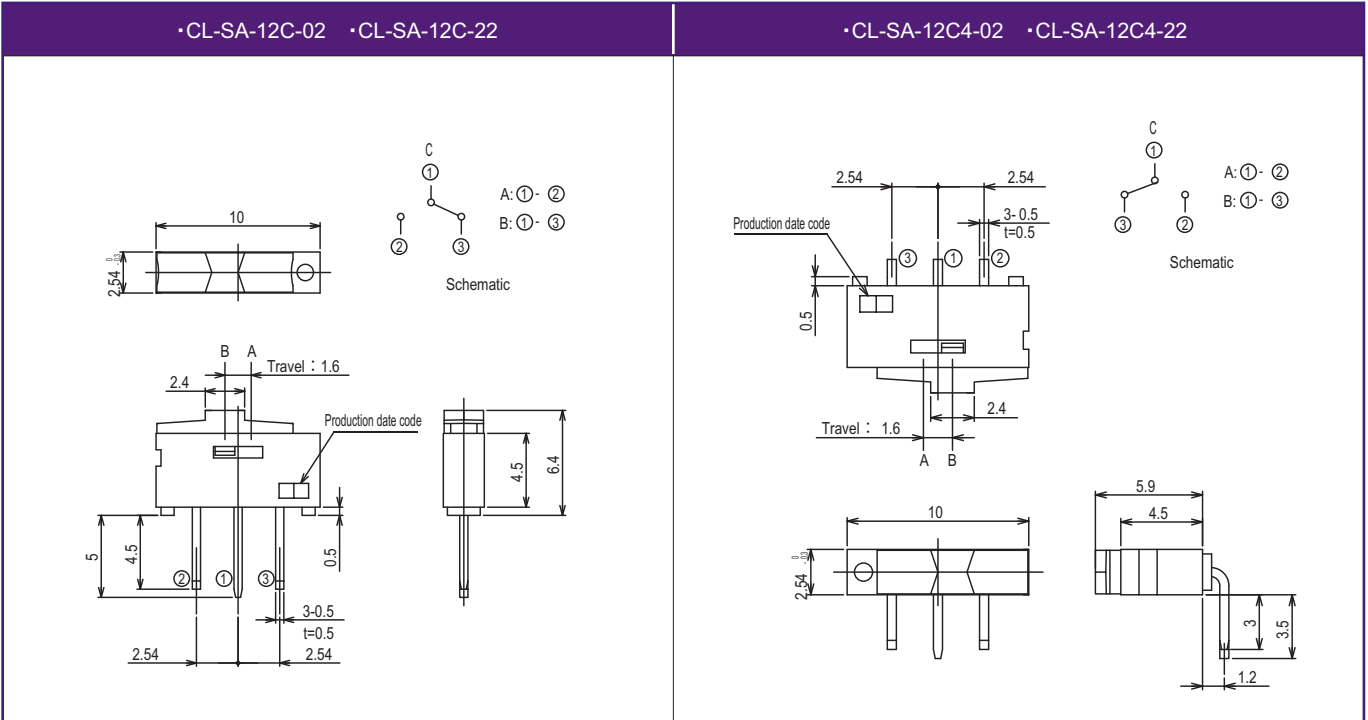
| | |
|-------------|---------------|
| Plastic bag | 50pcs. / pack |
|-------------|---------------|

►LIST OF PART NUMBERS

| No. of poles | No. of contacts | Contact material | Knob length · Color | Shape of terminal | Part number | From of packaging | Pieces in package |
|--------------|-----------------|------------------|---------------------|-------------------|---------------|-------------------|-------------------|
| 1 | 2 | Gold | Short · White | PC terminal | CL-SA-12C-02 | Plastic bag | 50pcs./pack |
| | | | Short · Red | | CL-SA-12C-22 | | |
| | | | Short · White | PC terminal -R/ A | CL-SA-12C4-02 | | |
| | | | Short · Red | | CL-SA-12C4-22 | | |

►OUTLINE DIMESIONS

※Unless otherwise specified, tolerance : ±0.3(Unit: mm)



►SIZE OF P.C.B. PROCESSING

(Unit: mm)

