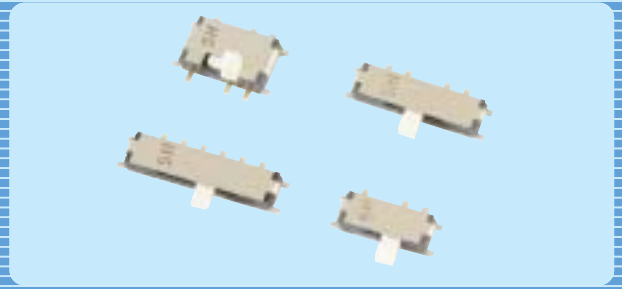


## LOW-PROFILE SLIDE SWITCHES

## CUS SERIES



## Outline dimensions

■ **1P2T** : 2.6 mm × 6.7 mm × 1.4 mm  
 ■ **1P3T** : 2.6 mm × 9.7 mm × 1.4 mm  
 ■ **1P4T** : 2.6 mm × 11.3 mm × 1.4 mm

■ **2P2T** : 4.1 mm × 6.7 mm × 1.4 mm

## FEATURES

- Low-profile of 1.4 mm
- RoHS compliant (Lead-free, Cadmium-free)

## APPLICATIONS

- Mobile stereo · LCD TV · Camcorder

## PART NUMBER DESIGNATION

CUS-12TB

Series name

No. of poles

1 : 1 pole  
 2 : 2 poles

No. of contacts

2 : 2 contacts  
 3 : 3 contacts  
 4 : 4 contacts

Shape of terminal

B : Gull wing

Form of packaging

T : Taping

## LIST OF PART NUMBERS

| No. of poles | No. of contacts | Shape of terminal | Form of packaging | Part number | Pieces in package |
|--------------|-----------------|-------------------|-------------------|-------------|-------------------|
| 1            | 2               | B (Gull wing)     | Taping            | CUS-12TB    | 2,500 pcs./reel   |
|              | 3               |                   |                   | CUS-13TB    |                   |
|              | 4               |                   |                   | CUS-14TB    |                   |
| 2            | 2               |                   |                   | CUS-22TB    | 1,400 pcs./reel   |

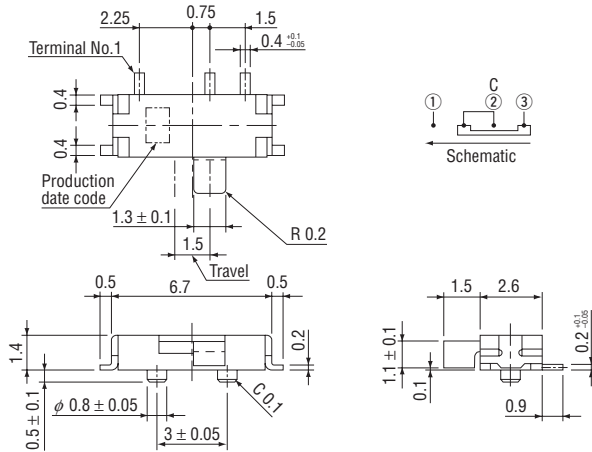
## SPECIFICATIONS

| Item                       | Specification         |
|----------------------------|-----------------------|
| Standard characteristics   | Operating Temp. range |
|                            | Storage Temp. range   |
|                            | Sealing               |
| Electrical characteristics | Non-switching         |
|                            | Switching             |
|                            | Contact resistance    |
|                            | Insulation resistance |
|                            | Dielectric strength   |

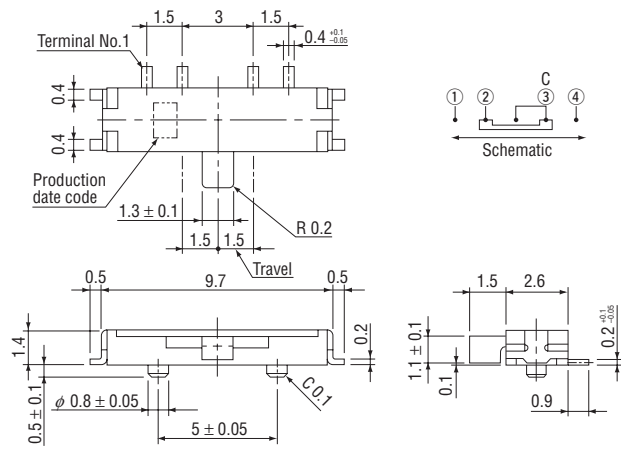
| Item                       | Specification   |
|----------------------------|-----------------|
| Mechanical characteristics | Stroke          |
|                            | Operation force |
|                            | Load life       |
|                            | Soldering heat  |
| Pieces in package          | Taping          |

## OUTLINE DIMENSIONS

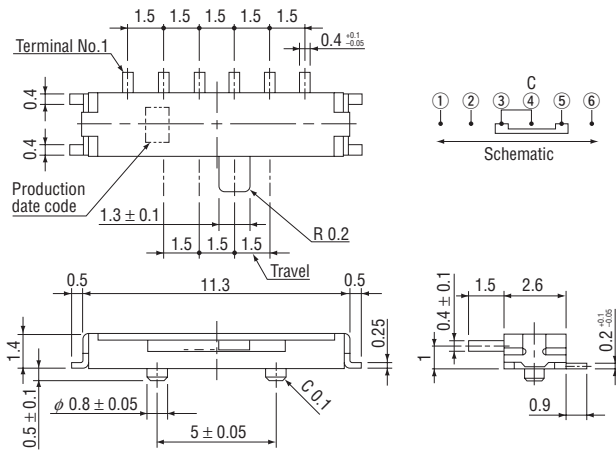
### ● CUS-12B



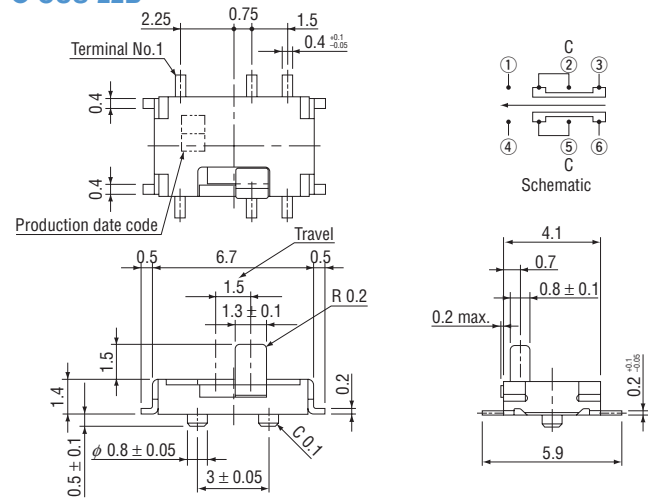
### ● CUS-13B



### ● CUS-14B

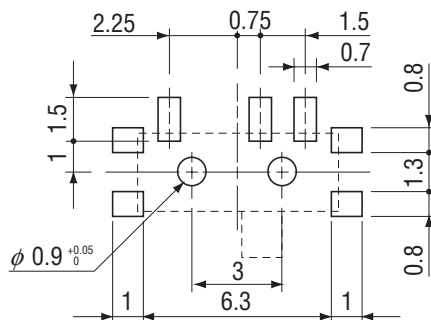


### ● CUS-22B

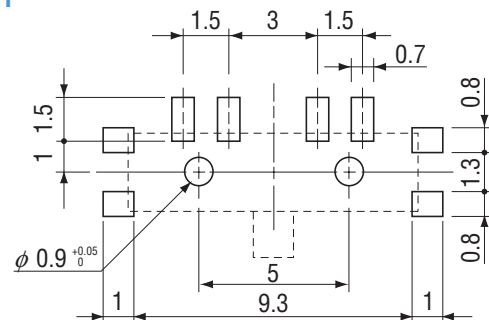


## RECOMMENDED P.C.B. PAD OUTLINE DIMENSIONS

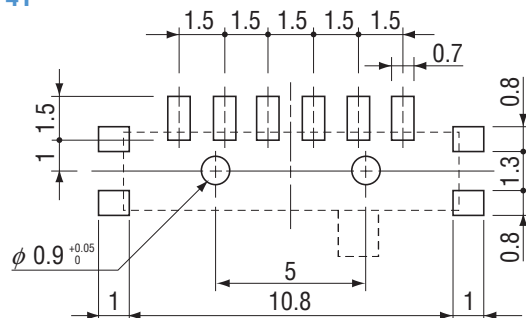
### ● 1P2T



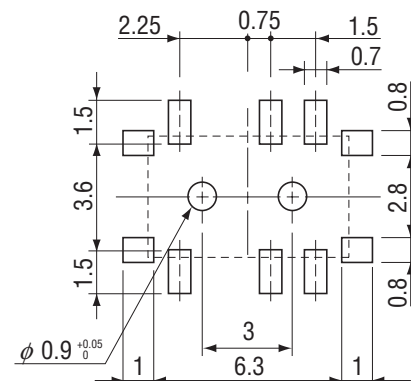
### ● 1P3T



### ● 1P4T



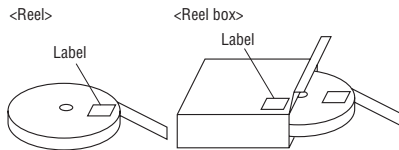
### ● 2P2T



## PACKAGING SPECIFICATIONS

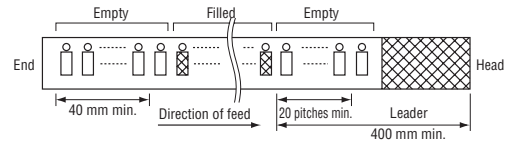
Taping version is packaged in 2500 pcs. par reel (1400 pcs. for CUS-22).

Taping version is boxed with 1 reel (2500 pcs. or 1400 pcs.).  
Maximum number of consecutive missing pieces = 2. Leader length and reel dimension are shown in the diagrams below.

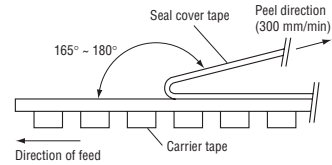


- Reel & embossed tape materials  
Embossed tape : Plastic  
Reel : Plastic
- Embossed tape pull strength  
10 N {1.02 kgf} minimum

### ● Embossed tape dimensions



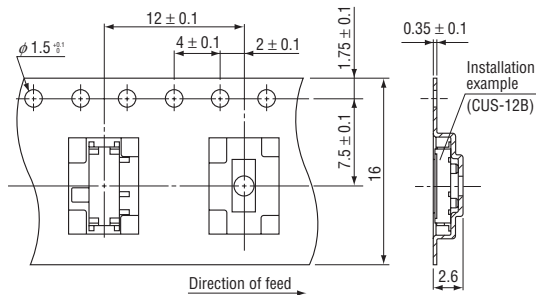
### ● Test method for peeling strength of seal tape



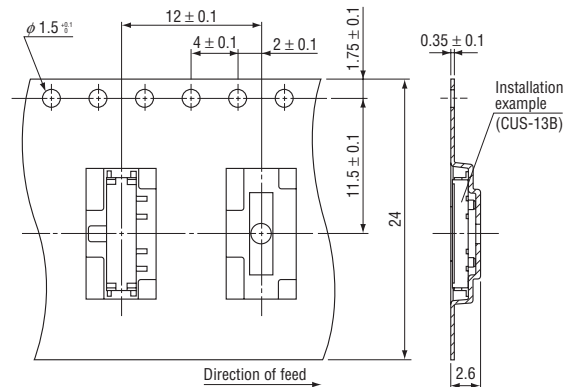
Peeling strength of seal tape :

0.1 ~ 1.3 N {10.2 ~ 132.7gf}  
{ } : Reference only

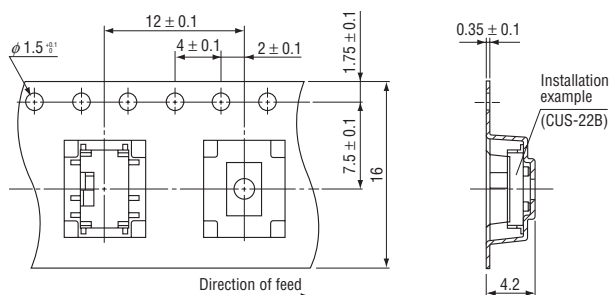
### ● CUS-12TB



### ● CUS-13TB, CUS-14TB

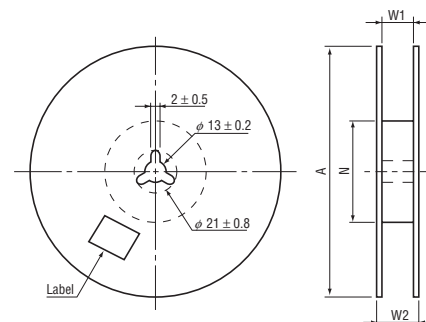


### ● CUS-22TB



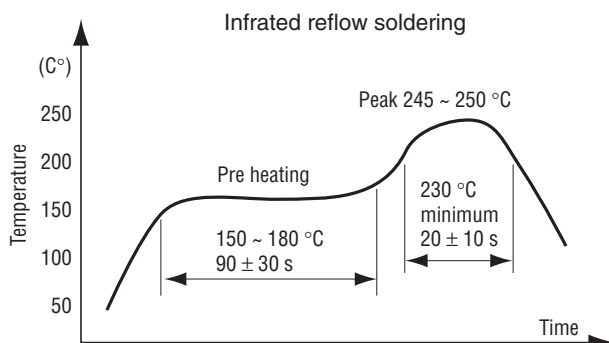
<Reel dimensions>

(Unit : mm)



## SOLDERING CONDITIONS

- Manual soldering 350 °C 3 s maximum



| Part number | A         | W <sub>1</sub> | W <sub>2</sub> | N        |
|-------------|-----------|----------------|----------------|----------|
| 12TB, 22TB  | φ 330 ± 2 | 17.4 ± 1       | 21.4 ± 1       | φ 80 ± 1 |
| 13TB, 14TB  | φ 330 ± 2 | 25.4 ± 1       | 29.4 ± 1       | φ 80 ± 1 |