

COMPACT SLIDE SWITCHES

CSS SERIES



Outline dimensions

■ 1P2T : 3 mm × 8.85 mm × 2 mm

■ 1P3T : 3 mm × 12.5 mm × 2 mm

FEATURES

- Low-profile of 2 mm
- Self-return type available
- RoHS compliant (Lead-free, Cadmium-free)

APPLICATIONS

- Mobile stereo · LCD TV · Camcorder

PART NUMBER DESIGNATION

CSS-1211TB

Series name

No. of poles

1 : 1 pole

No. of contacts

2 : 2 contacts 3 : 3 contacts

Setting position

0 : Top setting 1 : Side setting

Shape of terminal

B : Gull wing
C : Through hole pins

Form of packaging

T : Taping
M : Magazine

Self-return function

0 : No function 1 : Single 2 : Double

LIST OF PART NUMBERS

No. of contacts	Setting position	Self-return function	Shape of terminal	Form of packaging	Part number	Pieces in package
2	Side setting	No function	B (Gull wing)	Taping	CSS-1210TB	1,900 pcs./reel
			C (Through hole pins)	Magazine	CSS-1210MC	53 pcs./stick
		Single	B (Gull wing)	Taping	CSS-1211TB	1,900 pcs./reel
			C (Through hole pins)	Magazine	CSS-1211MC	53 pcs./stick
3	Side setting	No function	B (Gull wing)	Taping	CSS-1310TB	1,900 pcs./reel
			C (Through hole pins)	Magazine	CSS-1310MC	38 pcs./stick
		Single	B (Gull wing)	Taping	CSS-1311TB	1,900 pcs./reel
			C (Through hole pins)	Magazine	CSS-1311MC	38 pcs./stick
		Double	B (Gull wing)	Taping	CSS-1312TB	1,900 pcs./reel
			C (Through hole pins)	Magazine	CSS-1312MC	38 pcs./stick
	Top setting	No function	C (Through hole pins)	Magazine	CSS-1300MC	38 pcs./stick
		Double	C (Through hole pins)	Magazine	CSS-1302MC	38 pcs./stick

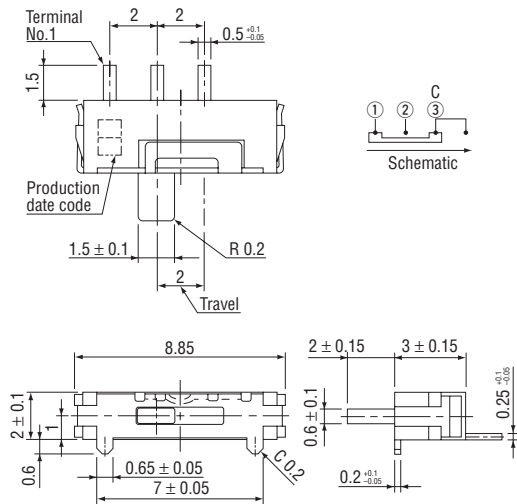
SPECIFICATIONS

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

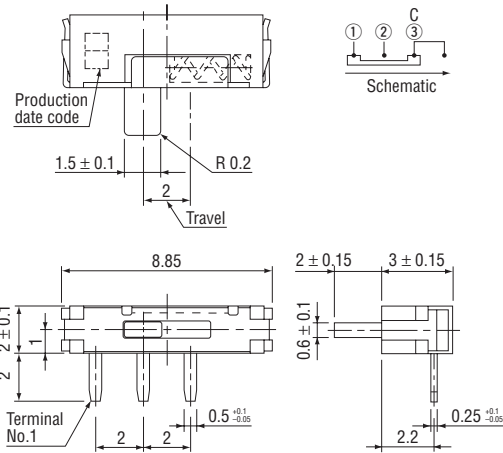
Item	Specification
Mechanical characteristics	Stroke
	Operation force
	Load life
	Soldering heat
Pieces in package	Taping
	Magazine

OUTLINE DIMENSIONS

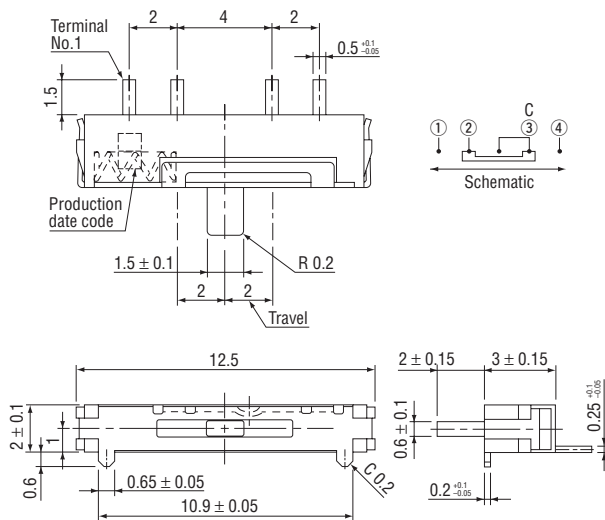
● CSS-1210B



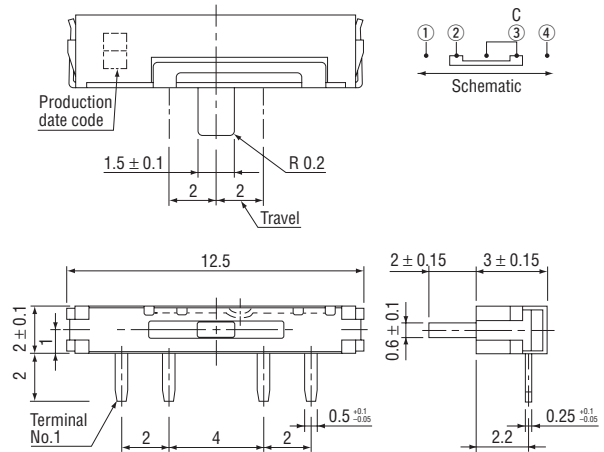
● CSS-1211C



● CSS-1311B

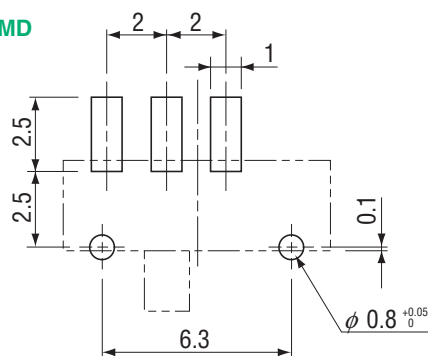


● CSS-1310C

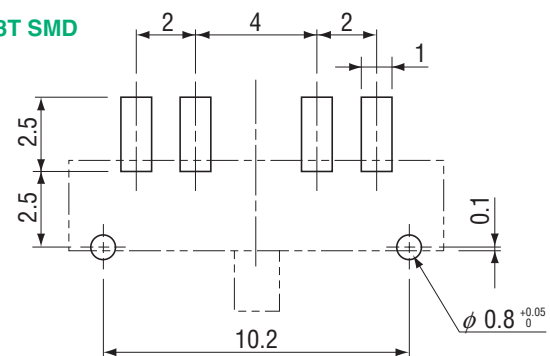


RECOMMENDED P.C.B. PAD OUTLINE DIMENSIONS

● 1P2T SMD

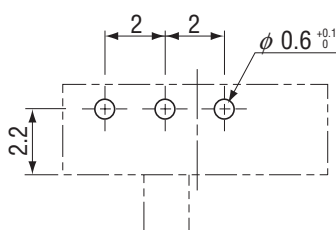


● 1P3T SMD

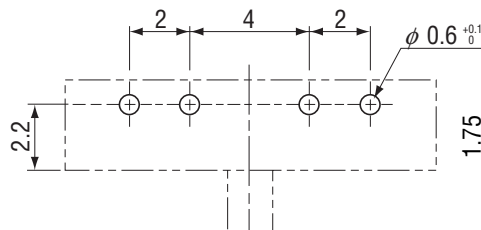


SIZE OF P.C.B. PROCESSING

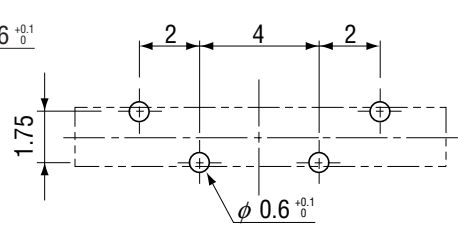
● 1P2T Through hole pins



● 1P3T Through hole pins (Side setting)

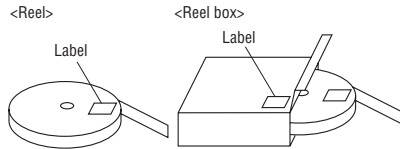


● 1P3T Through hole pins (Top setting)



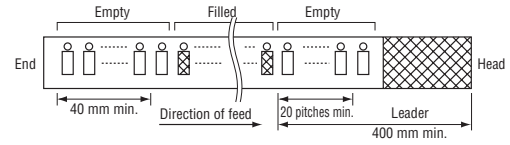
PACKAGING SPECIFICATIONS

Taping version is packaged in 1900 pcs. per reel.
 Taping version is boxed with 1 reel (1900 pcs.).
 Maximum number of consecutive missing pieces = 2.
 Leader length and reel dimension are shown in the diagrams below.

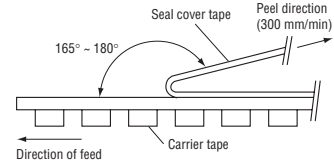


- Reel & embossed tape materials
 Embossed tape : Plastic
 Reel : Plastic
- Embossed tape pull strength
 10 N {1.02 kgf} minimum

● Embossed tape dimensions

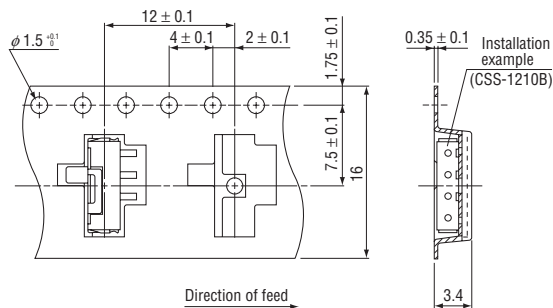


● Test method for peeling strength of seal tape

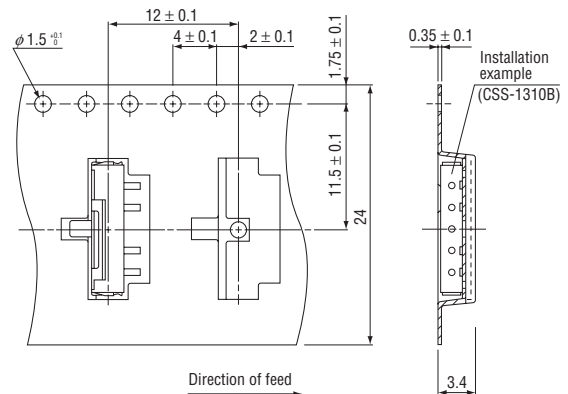


Peeling strength of seal tape :
 0.1 ~ 1.3 N {10.2 ~ 132.7gf}
 { } : Reference only

● CSS-121 □ TB

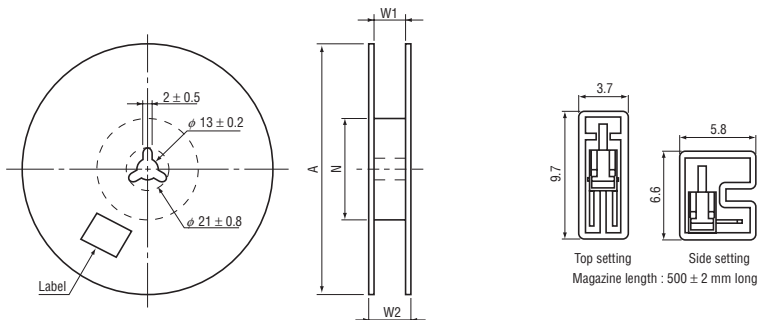


● CSS-131 □ TB



<Reel and Magazine dimensions>

(Unit : mm)



Part number	A	W ₁	W ₂	N
121 □ TB	φ 330 ± 2	17.4 ± 1	21.4 ± 1	φ 80 ± 1
131 □ TB	φ 330 ± 2	25.4 ± 1	29.4 ± 1	φ 80 ± 1

Packing quantity of magazine

Part number	Quantity / Stick
12 □ □	53
13 □ □	38

SOLDERING CONDITIONS

- Manual soldering 350 °C 3 s maximum

Infrared reflow soldering

