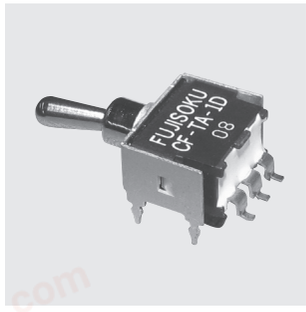
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CF-TA

Reflow Toggle Switch



RoHS Compliant

Features

1. Industry's first toggle switch compatible with through-hole reflow soldering.
2. Compatible with pick and place machines.
3. Heat resistant resin for reflow and dip soldering.
4. Gold-plated contacts.

Specifications

Rating	Max.	48VAC／DC 50mA (Resistive load)
	Min.	20mVAC／DC 1μA
Initial contact resistance		100mΩ max. (1.5mA 200μ VAC)
Dielectric strength		500VAC 1 minute
Insulation resistance		500mΩ min. (500VDC)
Electrical life		10,000 cycles at max. rating
Operating temperature range		−40℃～+85℃
Storage temperature range		−40℃～+85℃

Part Numbering

CF-TA — 1 D B4 — A 1 2 T

Series code | Number of poles | Switching function | Terminal style | Actuator shape | Bracket style | Contact material | Packaging spec

Fig.	Number of poles
1	1 pole

Code	Switching function
D	ON — ON
E	ON — OFF — ON
F	ON — (ON)
G	(ON)— OFF —(ON)
H	ON— OFF —(ON)

Code	Terminal style
B4	Gull wing R/A

Code	Actuator shape
A	Standard
L	Lever-Lock

Fig.	Bracket style
0	Without bracket
1	With THR bracket

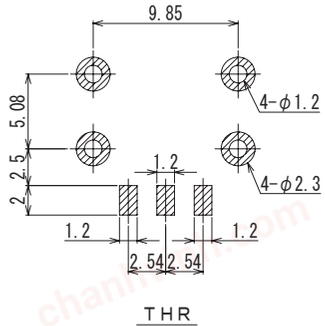
Fig.	Contact material
2	Gold plated

Code	Packaging spec
T	Taping
Blank	Plastic bags

PC Hole Layouts

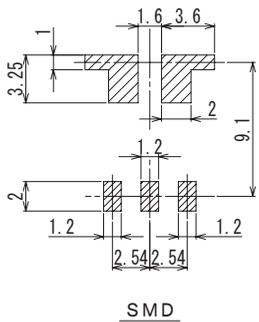
•Standard

●With THR bracket



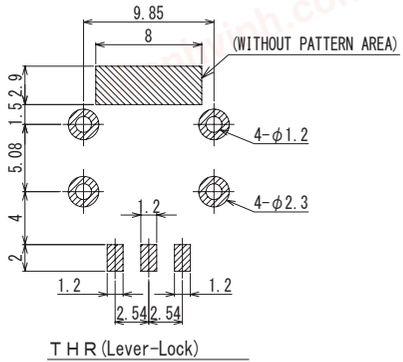
THR

●Without bracket



SMD

•Locking Lever



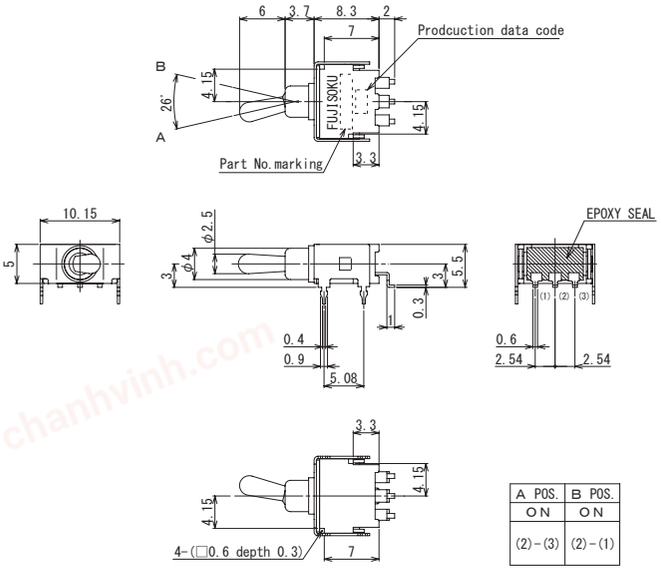
THR (Lever-Lock)

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Outline dimensions

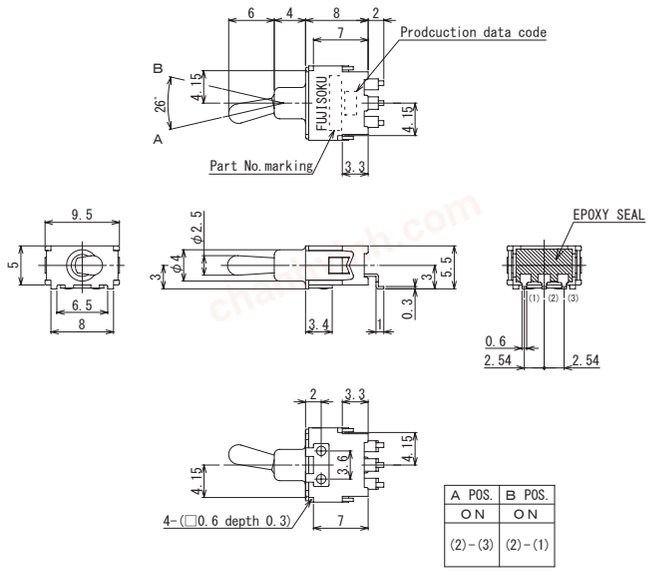
•Standard

●With THR bracket



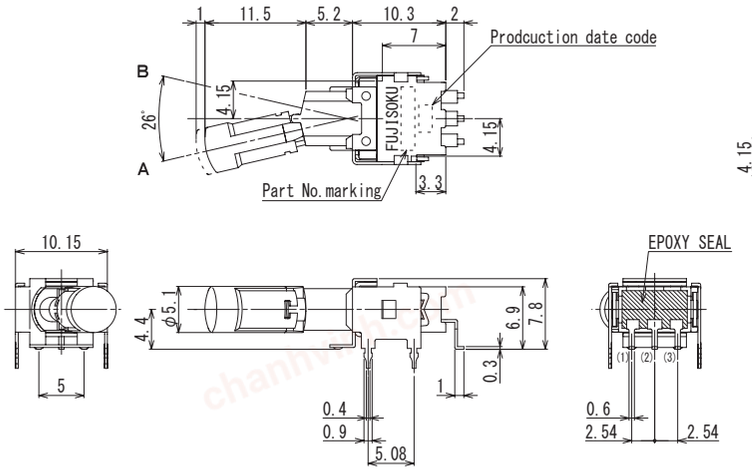
A POS.	B POS.
ON	ON
(2)-(3)	(2)-(1)

●Without bracket



A POS.	B POS.
ON	ON
(2)-(3)	(2)-(1)

•Locking Lever



A POS.	B POS.
ON	ON
(2)-(3)	(2)-(1)

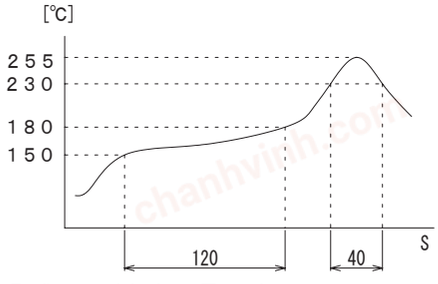
List of part numbers

Number of poles	Switching function	Actuator shape	Form of Packaging	Terminal style		Pieces in package
				SMD	THR	
1 pole	D	Standard	Taping	**CF-TA-1DB4-A02T**	**CF-TA-1DB4-A12T**	500pcs./reel
	E			**CF-TA-1EB4-A02T**	**CF-TA-1EB4-A12T**	500pcs./reel
	F			**★CF-TA-1FB4-A02T**	**★CF-TA-1FB4-A12T**	500pcs./reel
	G			**★CF-TA-1GB4-A02T**	**★CF-TA-1GB4-A12T**	500pcs./reel
	H			**★CF-TA-1HB4-A02T**	**★CF-TA-1HB4-A12T**	500pcs./reel
	D		Plastic bags	**CF-TA-1DB4-A02**	**CF-TA-1DB4-A12**	20pcs./pack
	E			**CF-TA-1EB4-A02**	**CF-TA-1EB4-A12**	20pcs./pack
	F			**★CF-TA-1FB4-A02**	**★CF-TA-1FB4-A12**	20pcs./pack
	G			**★CF-TA-1GB4-A02**	**★CF-TA-1GB4-A12**	20pcs./pack
	H			**★CF-TA-1HB4-A02**	**★CF-TA-1HB4-A12**	20pcs./pack
	D	Lever-lock	Taping	—	**CF-TA-1DB4-L12T**	250pcs./reel
			Plastic bags	—	**CF-TA-1DB4-L12**	20pcs./pack

Soldering

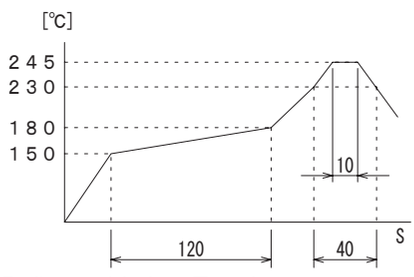
(1) Reflow soldering

•Standard



Reflow soldering: Two times max.

•Locking Lever



Reflow soldering: Two times max.

(2) Manual soldering

Device:Solder iron

380℃ Max. 3sec Max.

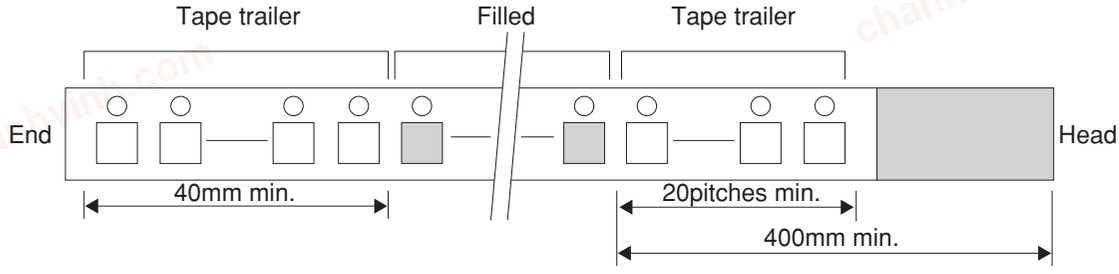
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■Packaging Specifications

(1) Taping

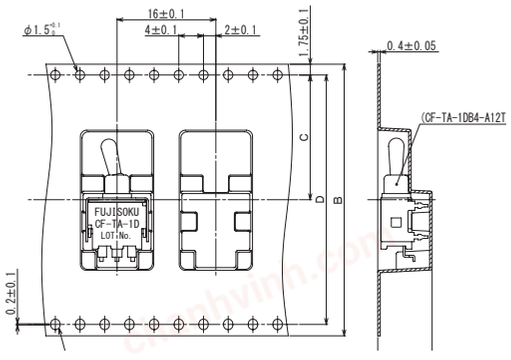
Standard type: 500 pcs/reel.
Locking lever type: 250 pcs/reel.
One reel is packed into one carton (1 reel / carton).
The maximum number of consecutive missing pieces shall be 2.
Embossed tape dimensions are shown in the diagram below.

Fig.1 Embossed tape dimensions

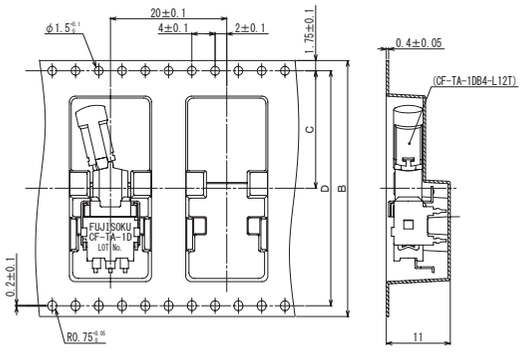


⟨Tape dimensions⟩

•Standard



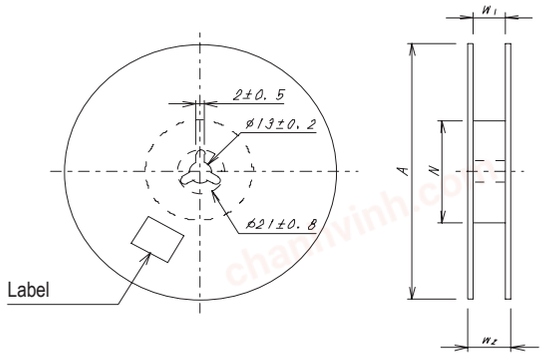
•Locking Lever



Unit (mm)

B	C	D
44	20.2±0.1	40.4±0.1

⟨Reel dimensions⟩



Unit (mm)

A	W_1	W_2	N
φ330±2	45.4±1	49.4±1	φ80±1

(2) Bulk

20 pcs. / plastic bag