



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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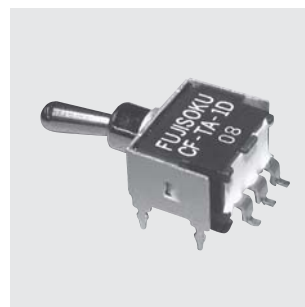


CF-TA

Reflow Toggle Switch



RoHS Compliant



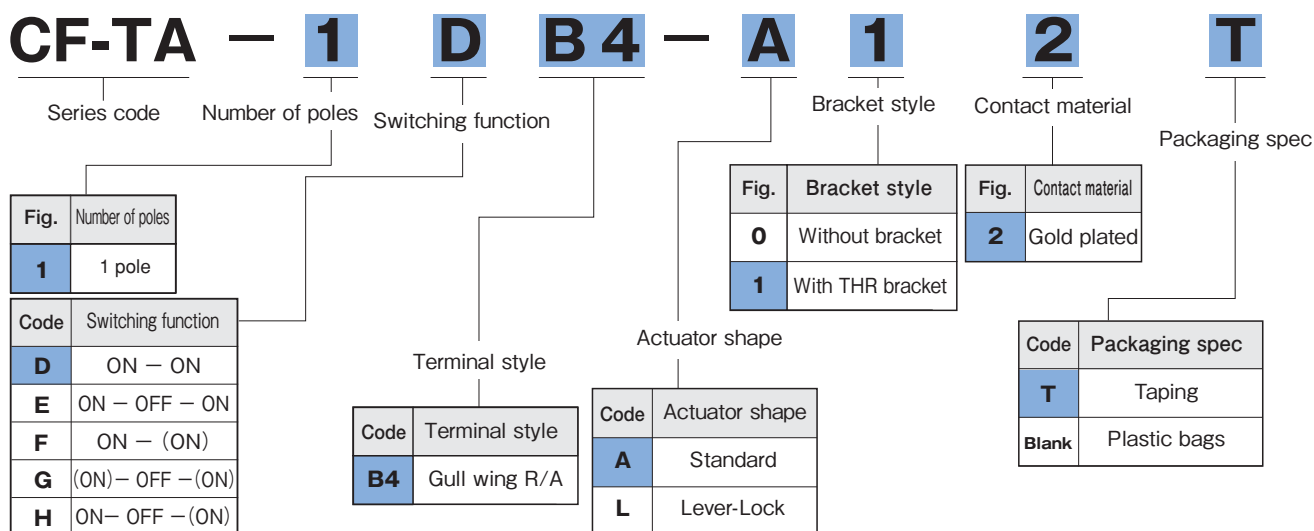
Features

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.	AC/DC 48V 50mA (Resistive load)
	Min.	AC/DC 20mV 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°C~+85°C	
Storage temperature range	−40°C~+85°C	

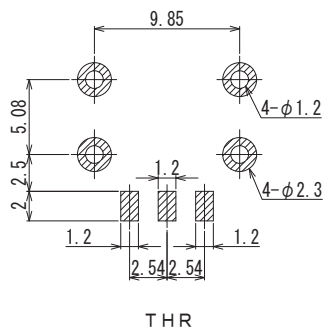
Part Numbering



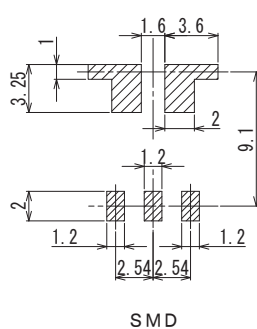
PC Hole Layouts

•Standard

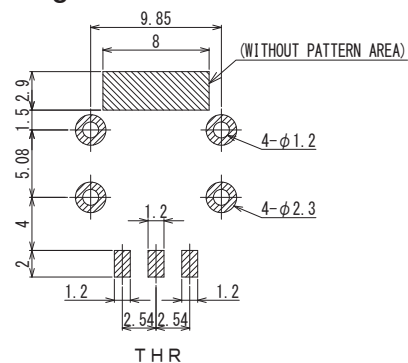
●With THR bracket



●Without bracket



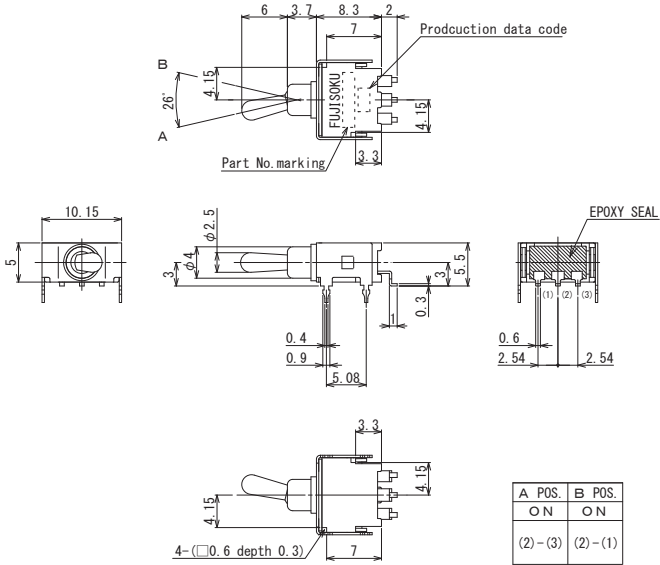
•Locking Lever



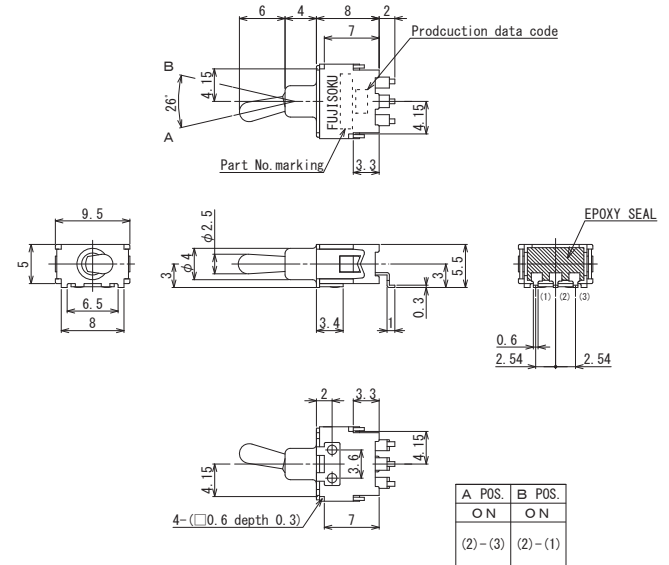
Outline dimensions

Standard

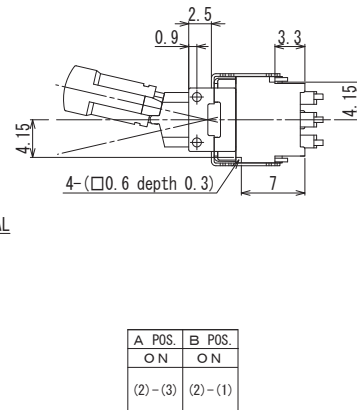
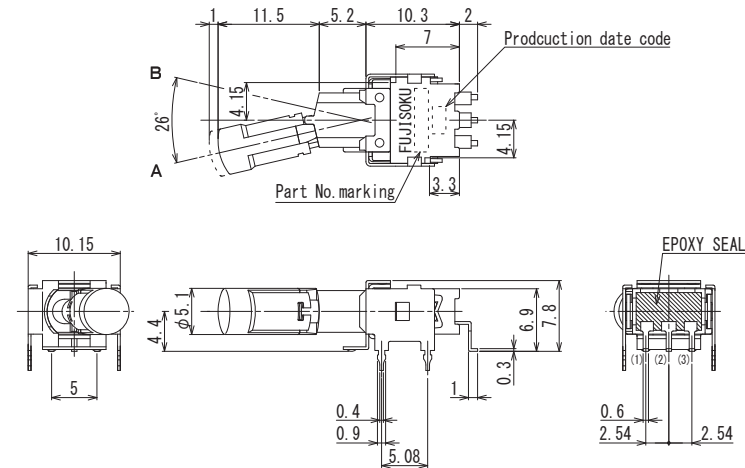
With THR bracket



Without bracket



Locking Lever



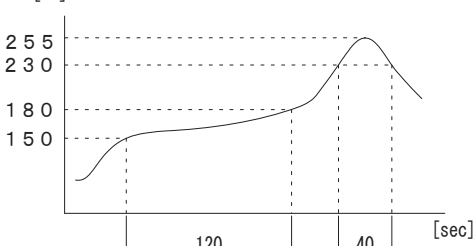
List of part numbers

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

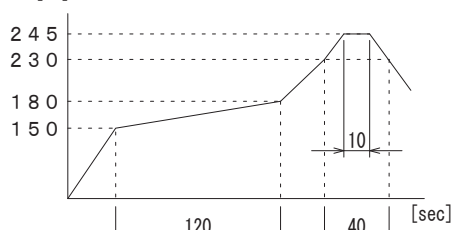
Standard
[°C]



Reflow soldering: Two times max.

Locking Lever

[°C]



Reflow soldering: Two times max.

(2) Manual soldering

Device: Solder iron
380°C Max. 3sec Max.

Packaging Specifications

(1) Taping

Standard type: 500 pcs/reel.

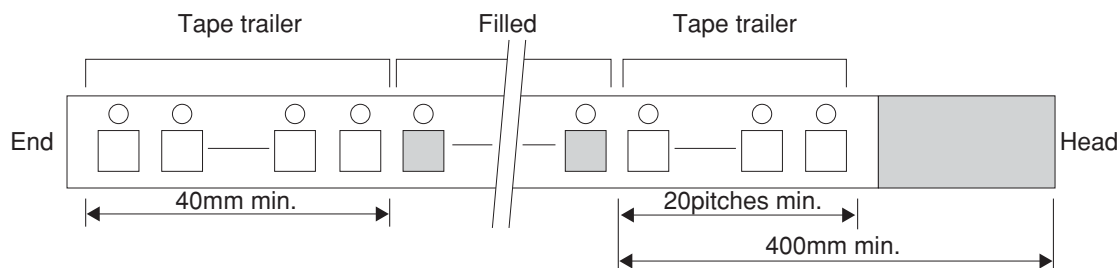
Locking lever type: 250 pcs/reel.

One reel is packed into one carton (1 reel / carton).

The maximum number of consecutive missing pieces shall be 2.

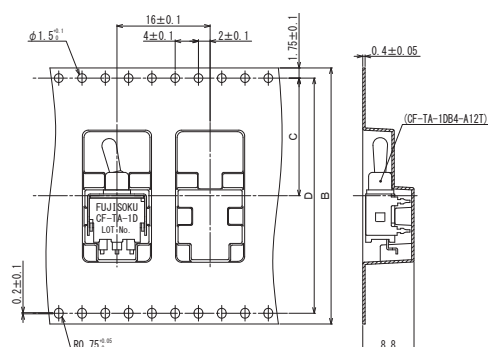
Embossed tape dimensions are shown in the diagram below.

Fig.1 Embossed tape dimensions

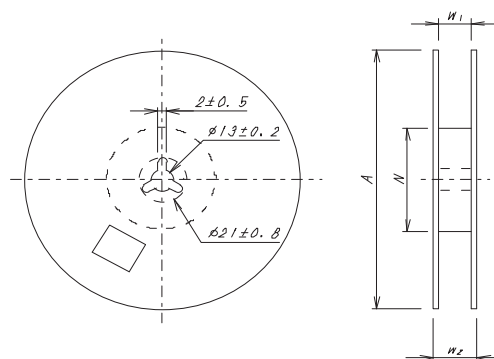


〈Tape dimensions〉

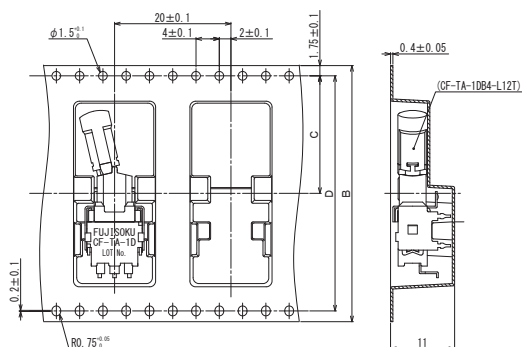
•Standard



〈Reel dimensions〉



•Locking Lever



Unit (mm)

A	W ₁	W ₂	N
$\phi 330 \pm 2$	45.4 ± 1	49.4 ± 1	$\phi 80 \pm 1$

Unit (mm)

B	C	D
44	20.2 ± 0.1	40.4 ± 0.1

(2) Bulk

20 pcs / plastic bag