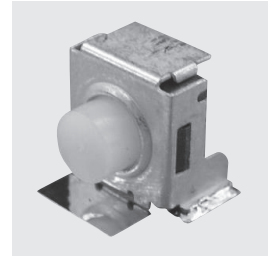


CF-CA

Right Angle Tactile Switches

Washable



RoHS Compliant

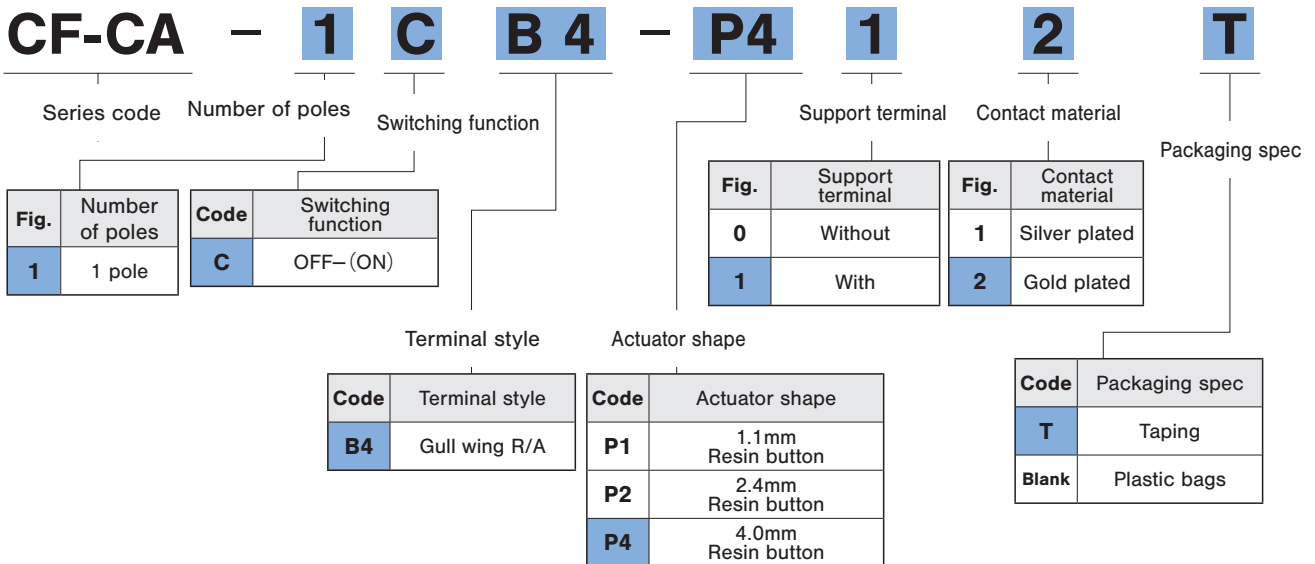
Features

1. Right Angle Tactile Switch
2. Rich in Variation (Actuator Length, With/Without Support Terminal)
3. Silver-Plated / Gold-Plated Contacts
4. Resin Actuator
5. Washable

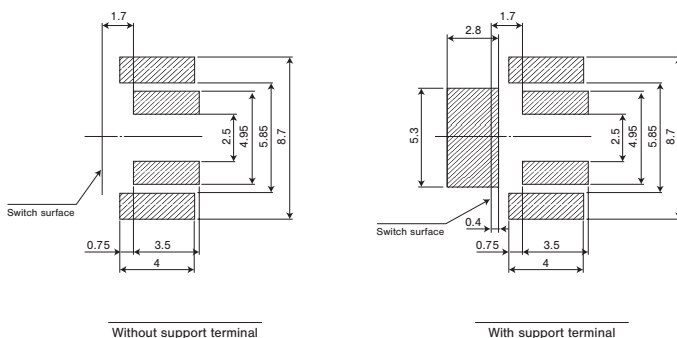
Specifications

Rating	Max.	1 VA max. (32 VDC max. 50 mA max.)	
	Min.	Silver Gold	5VDC 1 mA 5VDC 10 μA
Initial contact resistance		100 mΩ max.	
Dielectric strength		250 VAC (50~60Hz) 1 minute	
Initial insulation resistance		100 MΩ min. (100 VDC)	
Stroke		0.25 mm	
Operating force		3±1.5 N {305±153 g}	
Electrical life		max. Rating 100,000 cycles.	
Operating temperature range		-40~+90°C	
Storage temperature range		-40~+90°C	

Part Numbering

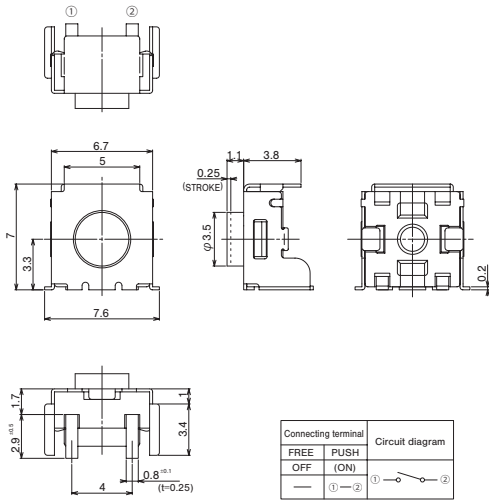


PC Hole Layouts

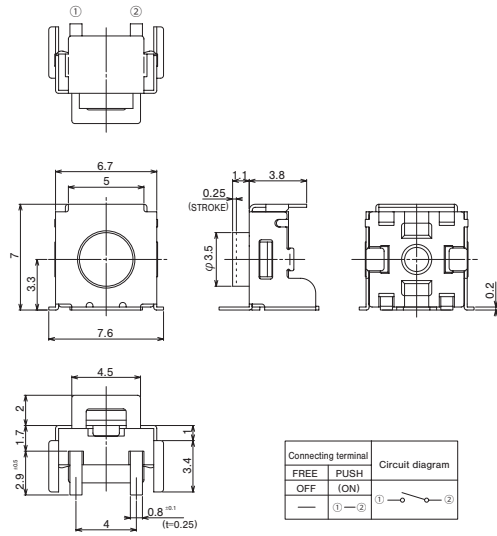


Outline dimensions

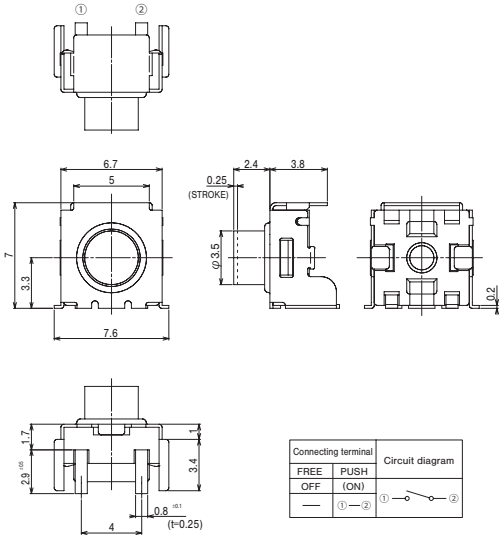
● 1.1mm (Without Support Terminal)



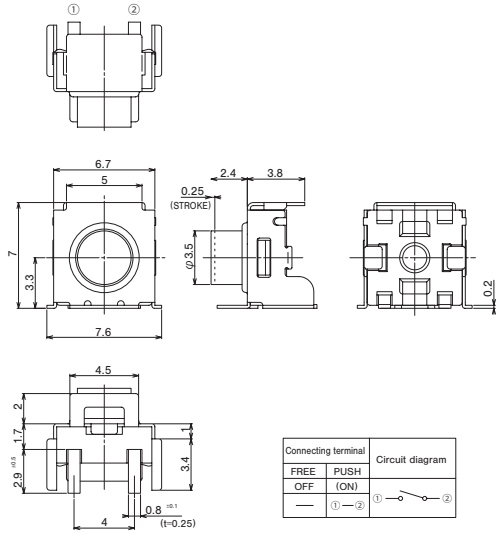
● 1.1mm (With Support Terminal)



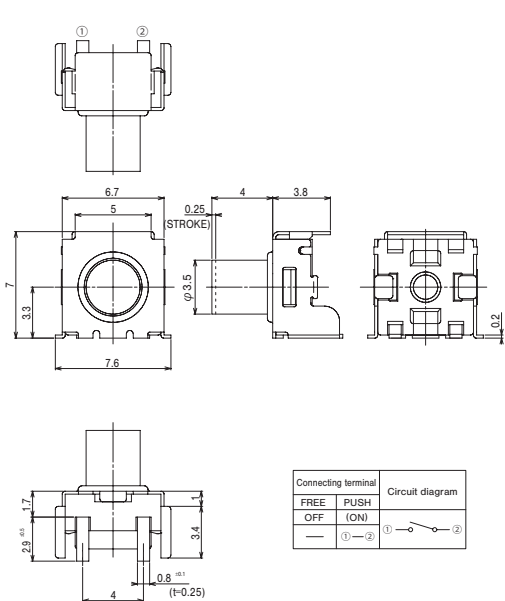
● 2.4 mm (Without Support Terminal)



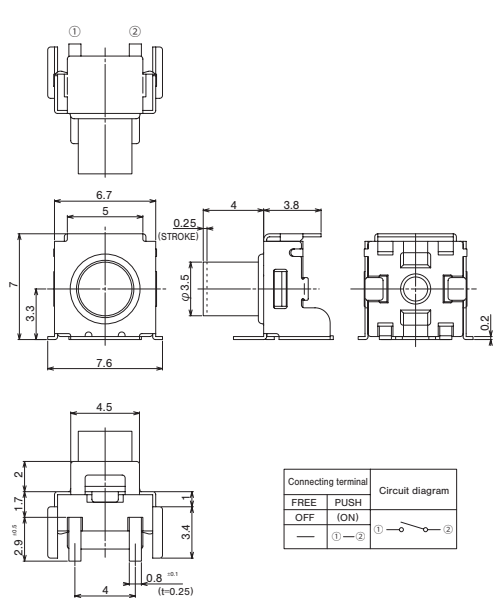
● 2.4 mm (With Support Terminal)



● 4.0mm (Without Support Terminal)



● 4.0mm (With Support Terminal)

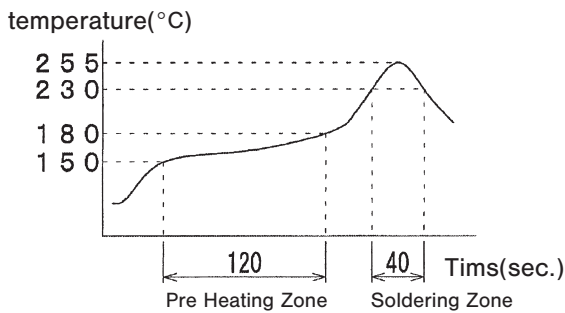


List of part numbers

Number of poles	Switching function	Contact material	Form of Packaging	Actuator shape		Terminal style		Pieces in package
				Material	Hight	Without support terminal	With support terminal	
1 pole	OFF—(ON)	Silver plated	Taping	Resin	1.1mm	CF-CA-1CB4-P101T	CF-CA-1CB4-P111T	500pcs./reel
					2.4mm	CF-CA-1CB4-P201T	CF-CA-1CB4-P211T	500pcs./reel
					4.0mm	CF-CA-1CB4-P401T	CF-CA-1CB4-P411T	500pcs./reel
			Plastic bags		1.1mm	CF-CA-1CB4-P101	CF-CA-1CB4-P111	20pcs./pack
					2.4mm	CF-CA-1CB4-P201	CF-CA-1CB4-P211	20pcs./pack
					4.0mm	CF-CA-1CB4-P401	CF-CA-1CB4-P411	20pcs./pack
		Gold plated	Taping		1.1mm	CF-CA-1CB4-P102T	CF-CA-1CB4-P112T	500pcs./reel
					2.4mm	CF-CA-1CB4-P202T	CF-CA-1CB4-P212T	500pcs./reel
					4.0mm	CF-CA-1CB4-P402T	CF-CA-1CB4-P412T	500pcs./reel
			Plastic bags		1.1mm	CF-CA-1CB4-P102	CF-CA-1CB4-P112	20pcs./pack
					2.4mm	CF-CA-1CB4-P202	CF-CA-1CB4-P212	20pcs./pack
					4.0mm	CF-CA-1CB4-P402	CF-CA-1CB4-P412	20pcs./pack

Soldering Specifications

(1) Reflow Soldering



(2) Manual Soldering

Device : Soldering iron
 350°C ±10°C, Max.; 3 seconds, Max.

Apply reflow soldering up to 2 times max.

Flux Cleaning

- (1) For the solvent, use water or alcohol. In addition, pay careful attention to use the solvent.
- (2) The cleaning method is limited to immersion cleaning only. The cleaning time is 2 minutes, max, but be sure to minimize the time as much as possible.
- (3) To clean the switch after soldering, wait until the switch temperature has cooled down to room temperature (30°C or below).
- (4) The product must be dried sufficiently after cleaning. Improper drying may result in fluctuation in torque or electrical damage.

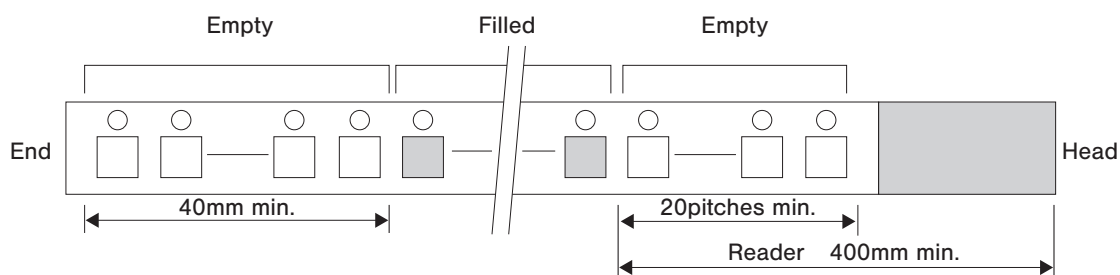
■ Packaging Specification

(1) Taping

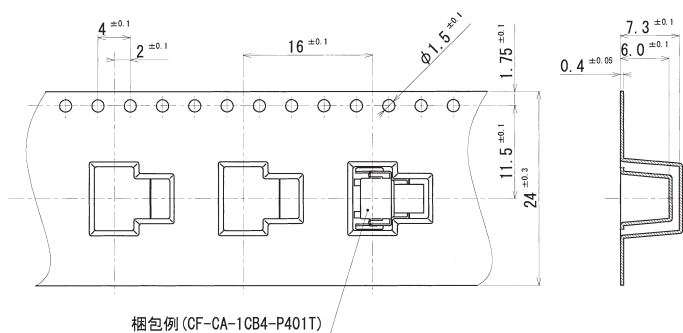
Packaging quantity is 500 pcs. per reel. Each reel is packed in a box.

The maximum number of consecutive missing pieces shall be two. The following illustration shows the leader length, empty portion and the product indication method.

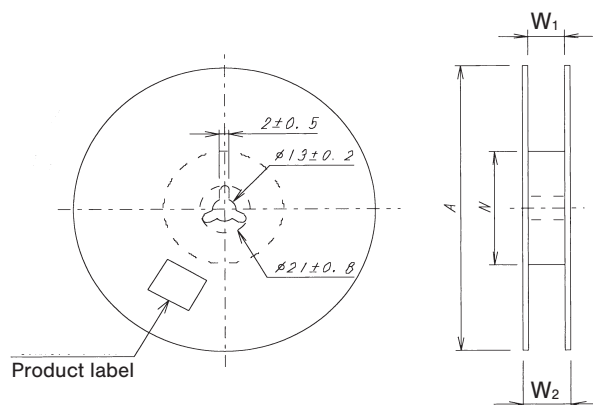
Fig.1 Embossed tape dimensions



〈Tape dimensions〉



〈Reel dimensions〉



(2) Bulk

Packaging quantity is 20pcs per bag. Please order in increments of 20pcs.

Unit (mm)

A	W ₁	W ₂	N
$\phi 330 \pm 2$	25.4 ± 1	29.4 ± 1	$\phi 80 \pm 1$