



X CLOSE

Slide Switch > SSSS2 Series > SSSS211603

3.5(H)mm, 2.0mm-travel Type SSSS2 Series

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Part number [Series Common Info](#)

SSSS211603

NET SHOP

3D CAD

RoHS

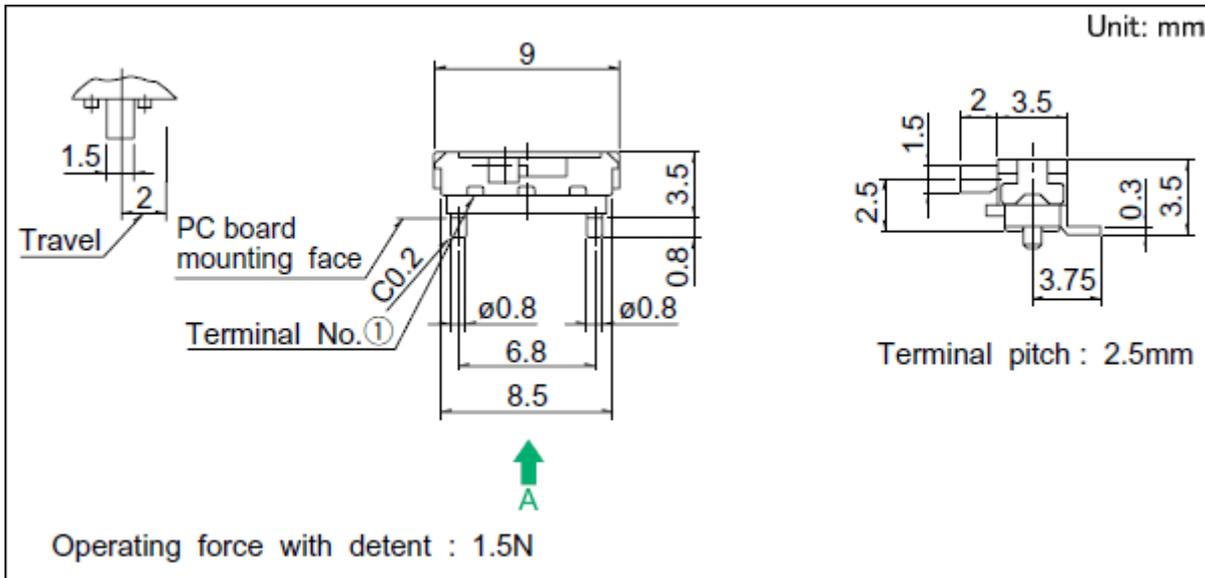
Print

Inquiry

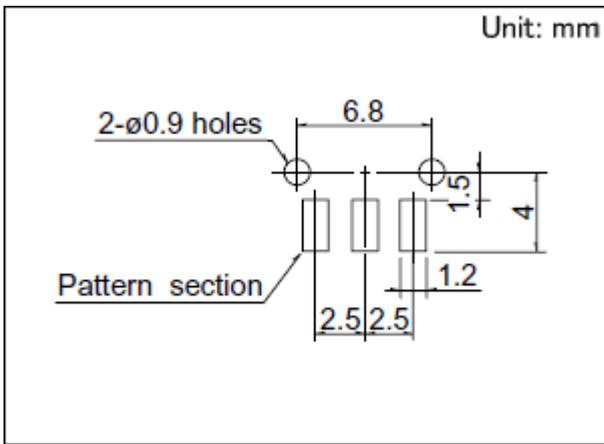
Travel	2mm	
Actuator directions	Horizontal	
Actuator length	2mm	
Poles	1	
Positions	2	
Operating force	Refer to the dimensions.	
Changeover timing	Non shorting	
Soldering	Reflow	
Operating temperature range		-40°C to +85°C
Rating (max.)/(min.) (Resistive load)		0.3A 6V DC/50μA 3V DC

Electrical performance	Contact resistance	70mΩ max./130mΩ max.
	(Initial performance/After lifetime)	
	Insulation resistance	100MΩ min. 500V DC
	Voltage proof	500V AC for 1 minute
	Terminal strength	3N for 1 minute
Mechanical performance	Operating direction	20N
	Actuator strength	
	Pulling direction	10N
Durability	Operating life without load	10,000 cycles 100mΩ max.
	Operating life with load	
	(at max. rated load)	10,000 cycles 130mΩ max.
	Cold	-20°C 500h
Environmental performance	Dry heat	85°C 500h
	Damp heat	60°C, 90 to 95%RH 500h
	Japan	1,400
Minimum order unit (pcs.)	Export	5,600

Dimensions

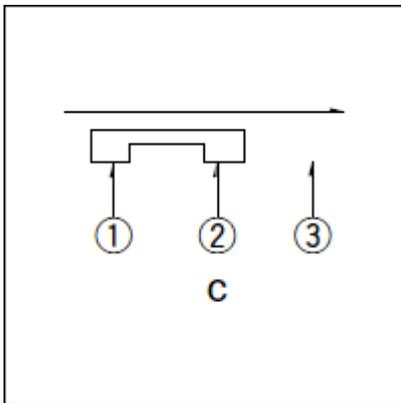


Land Dimensions



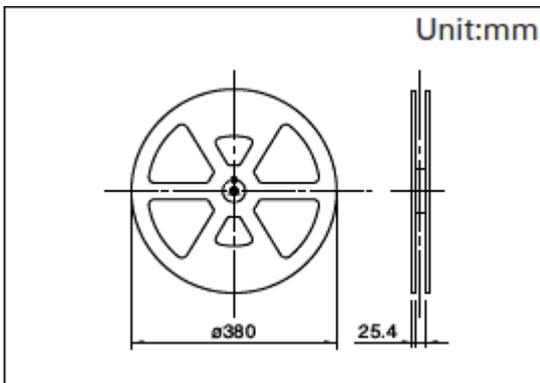
Viewed from direction A in the dimensions.

Circuit Diagram



Packing Specifications

Taping



Number of	1 reel	1,400
packages (pcs.)	1 case / Japan	2,800
	1 case / export	5,600

packing

Tape width (mm) 24

Export package measurements (mm) 406 × 406 × 190

Soldering Conditions

Example of Reflow Soldering Condition

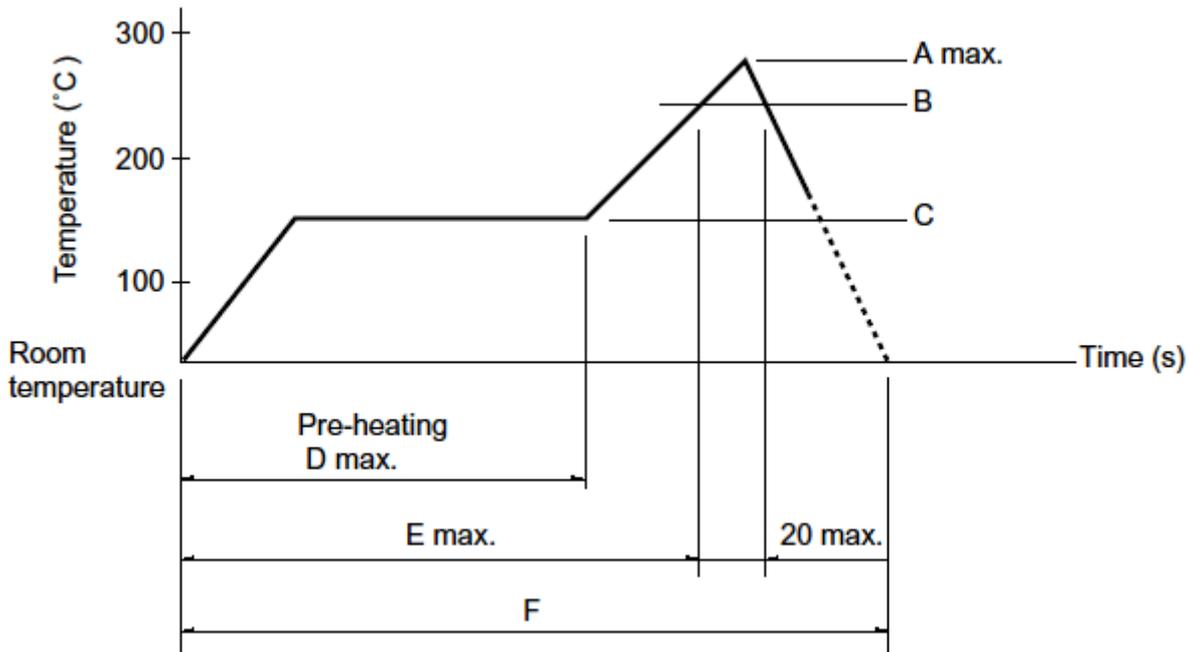
1. Heating method

Double heating method with infrared heater.

2. Temperature measurement

Thermocouple 0.1 to 0.2 Φ CA (K) or CC (T) at soldering portion (copper foil surface). A heat resisting tape should be used for fixed measurement.

3. Temperature profile



A(°C)	B(°C)	C(s)	D(°C)	E(°C)	F(s)
3s max.					
260	230	40	180	150	120

(1) The condition mentioned above is the temperature on the mounting surface of a PC board. There are cases where the PC board's temperature greatly differs from that of the switch, depending on the PC board's material, size, thickness, etc. The above-stated conditions shall also apply to switch surface temperatures.

(2) Soldering conditions differ depending on reflow soldering machines. Prior verification of soldering condition is highly recommended.

Reference for Hand Soldering

Soldering temperature $350 \pm 10^{\circ}\text{C}$

Soldering time 4s max.

Notes are common to this series/models.

1. This site catalog shows only outline specifications. When using the products, please obtain formal specifications for supply.
2. Please place purchase orders per minimum order unit (integer).
3. Products other than those listed in the above chart are also available. Please contact us for details.

Inquiries about Products

[Inquiry](#)

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