



X CLOSE

Slide Switch > SSSS7 Series > SSSS710607

2.0(H)mm, 2.0mm-travel Type SSSS7 Series

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Part number [Series Common Info](#)
SSSS710607

NET SHOP

3D CAD

RoHS

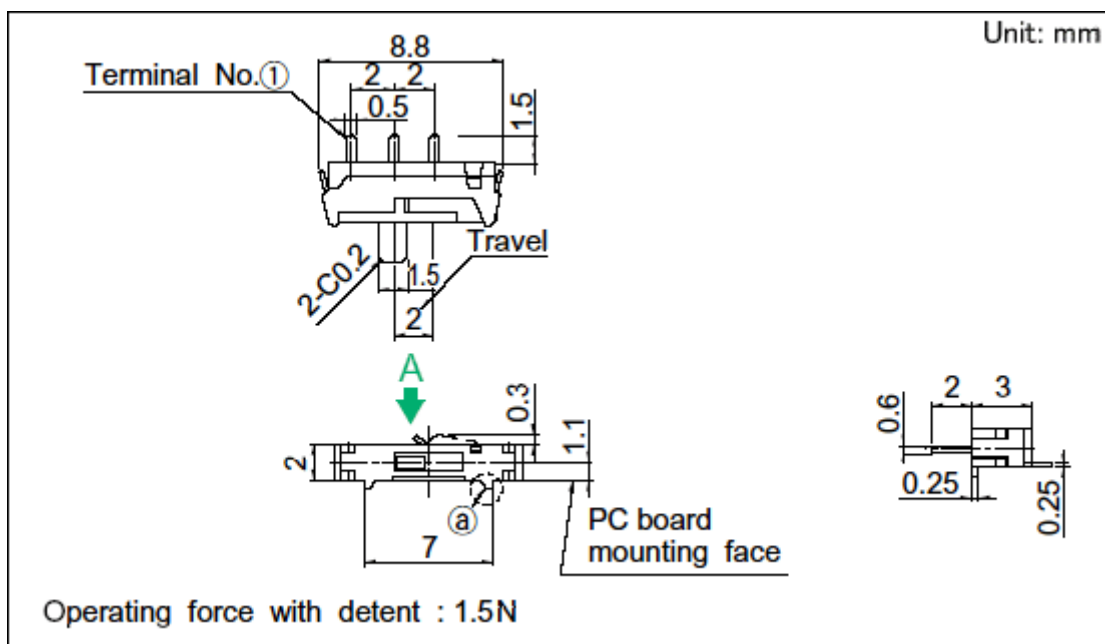
Print

Inquiry

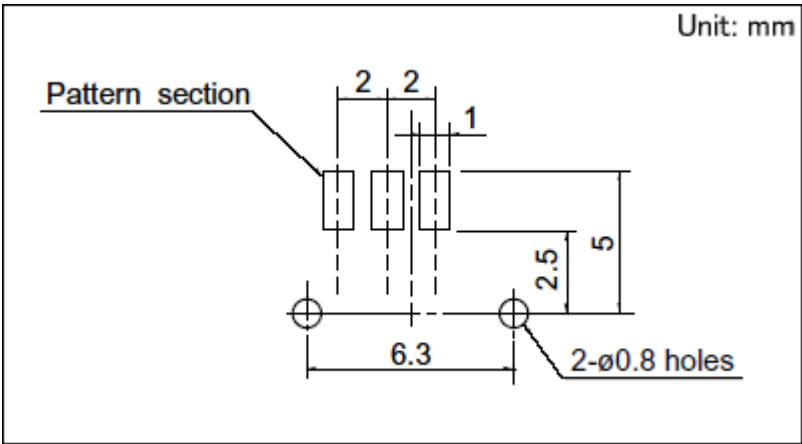
Travel	2mm
Actuator directions	Horizontal
Actuator length	2mm
Poles	1
Positions	2
Operating force	Refer to the dimensions.
Changeover timing	Not specified
Soldering	Reflow
Operation	Standard
Operating temperature range	-40°C to +85°C

Rating (max.)/(min.) (Resistive load)		0.3A 4V DC/50μA 3V DC
Electrical performance	Contact resistance (Initial performance/After lifetime)	70mΩ max./130mΩ max.
	Insulation resistance	100MΩ min. 500V DC
	Voltage proof	500V AC for 1 minute
	Terminal strength	3N for 1 minute
Mechanical performance	Operating direction	10N
	Pulling direction	10N
Durability	Actuator strength	
	Operating life without load	10,000 cycles 100mΩ max.
	Operating life with load (at max. rated load)	10,000 cycles 130mΩ max.
Environmental performance	Cold	-20°C 500h
	Dry heat	85°C 500h
	Damp heat	60°C, 90 to 95%RH 500h
Minimum order unit (pcs.)	Japan	2,000
	Export	8,000

Dimensions

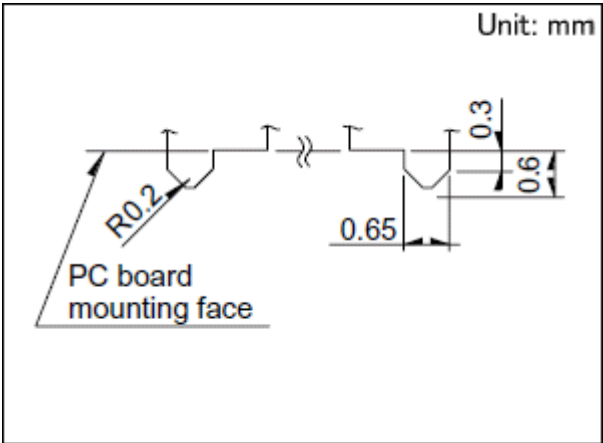


Land Dimensions

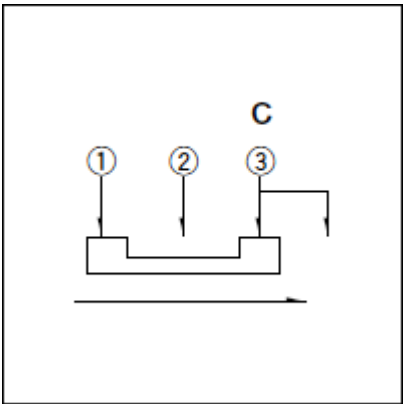


Viewed from direction A in the dimensions.

Detail of (a)

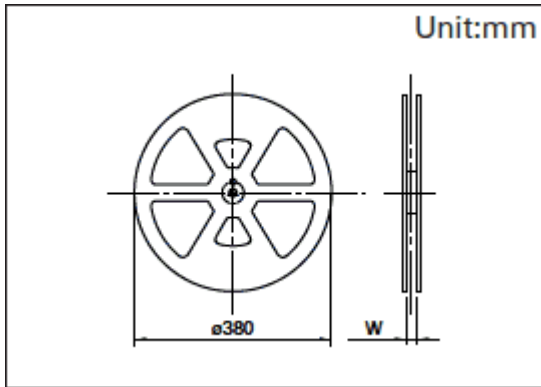


Circuit Diagram



Packing Specifications

Taping



	1 reel	2,000
Number of packages (pcs.)	1 case / Japan	4,000
	1 case / export packing	8,000
Reel width W(mm)		17.4
Tape width (mm)		16
Export package measurements (mm)	$417 \times 409 \times 139$	

Soldering Conditions

Example of Reflow Soldering Condition

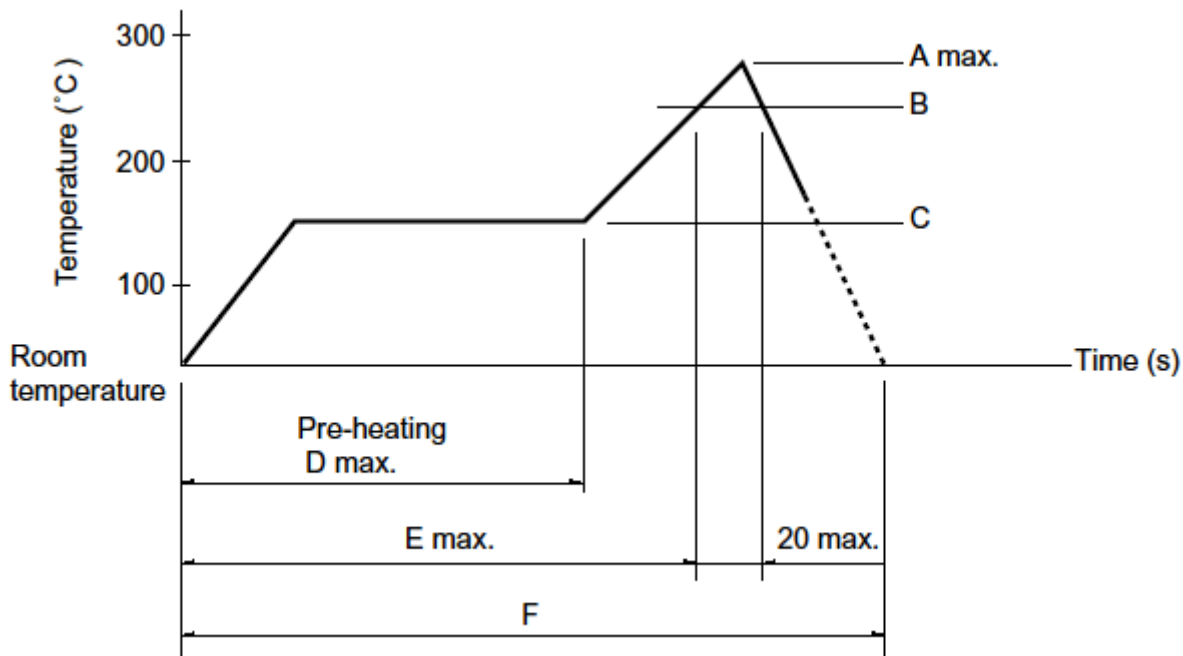
1. Heating method

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 $320 \pm 5^{\circ}\text{C}$

Soldering time 3s 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.
4. Please contact us for automotive use products.

Inquiries about Products

[Inquiry.](#)

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