

Slide Switch > SSAH Series > SSAH110100

Series Common Info

0.9(H)mm, 1.5mm-travel Surface Mount Type SSAH Series

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PRINT

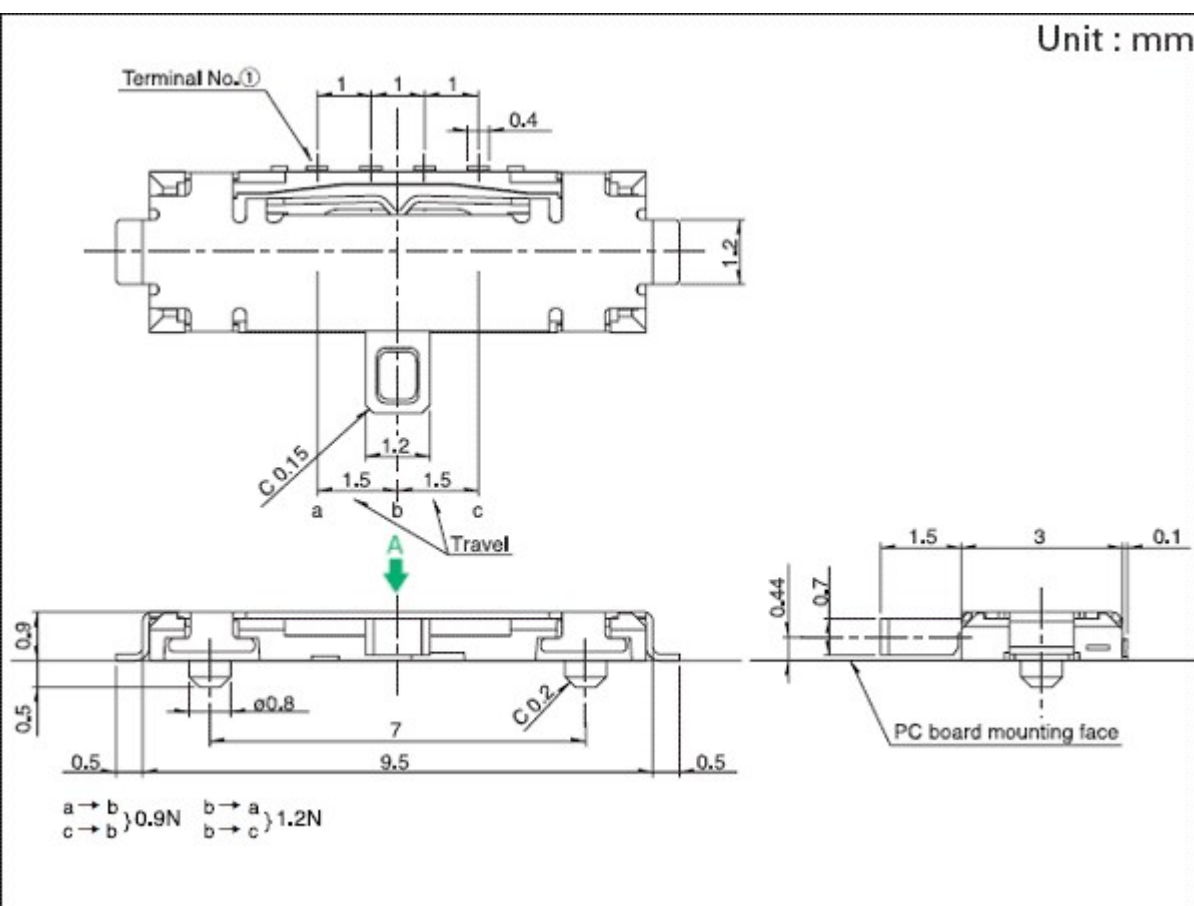
Part number		SSAH110100	
Travel		1.5mm	
Actuator directions		Horizontal	
Poles		1	
Positions		3	
Operating force		Refer to the dimensions	
Changeover timing		Not specified	
Soldering		Reflow	
Location lug		With	
Operating temperature range		-30℃ to +60℃	
Rating (max.)/(min.) (Resistive load)		1mA 5V DC/50μA 3V DC	
Electrical performance	Contact resistance (Initial performance/After lifetime)		200mΩ max./300mΩ max.
	Insulation resistance		100MΩ min. 100V DC
	Voltage proof		100V AC for 1 minute
Mechanical performance	Terminal strength		3N for 1 minute
	Actuator strength	Operating direction	10N
		Pulling direction	10N
Durability	Operating life without load		10,000 cycles 300mΩ max.
	Operating life with load (at max. rated load)		10,000 cycles 300mΩ max.
Environmental performance	Cold		-40℃ 96h
	Dry heat		85℃ 96h

60°C, 90 to 95%RH 240h

Photo



Dimensions



Land Dimensions

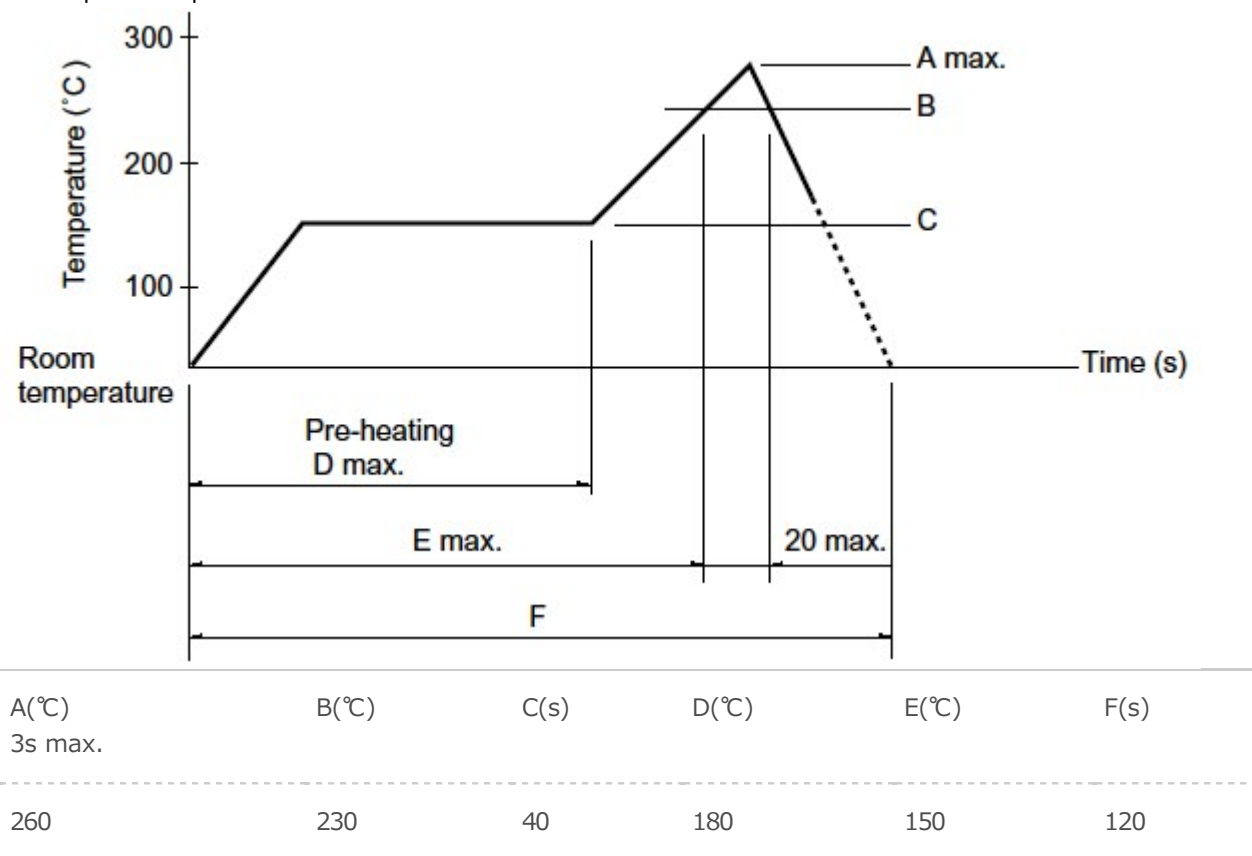
1. Heating method

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



(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±5°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).

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